

Araxis Merge File Comparison Report

Produced by **Araxis Merge** on **2025-01-15 11:27:28 W. Europe Standard Time**. See www.araxis.com for information about Merge. This report uses XHTML and CSS2, and is best viewed with a modern standards-compliant browser. For optimum results when printing this report, use landscape orientation and enable printing of background images and colours in your browser.

1. Files compared

#	Location	File	Last Modified
1	C:\Source\AB Guide	AtlaBase.CommonExportFormat_2.9.0.xsd	2024-01-31 11:46:28 W. Europe Standard Time
2	C:\Source\AB Guide	AtlaBase.CommonExportFormat_2.10.0.xsd	2025-01-08 15:08:12 W. Europe Standard Time

2. Comparison summary

Description	Between Files 1 and 2	
	Text Blocks	Lines
Unchanged	18	3380
Changed	4	8
Inserted	10	64
Removed	3	164

3. Comparison options

Whitespace	Consecutive whitespace is treated as a single space
Character case	Differences in character case are significant
Line endings	Differences in line endings (CR and LF characters) are ignored
CR/LF characters	Not shown in the comparison detail
Active line-pairing rules	

4. Active regular expressions

No regular expressions were active.

5. Comparison detail

1	<xs:schema	1	<xs:schema
2	targetNamespace="http://www.atlabase.com/schemas/CommonExportFormat_2.9.0"	2	targetNamespace="http://www.atlabase.com/schemas/CommonExportFormat_2.10.0"
3	xmlns:xs="http://www.w3.org/2001/XMLSchema"	3	xmlns:xs="http://www.w3.org/2001/XMLSchema"
4	xmlns:cef="http://www.atlabase.com/schemas/CommonExportFormat_2.9.0"	4	xmlns:cef="http://www.atlabase.com/schemas/CommonExportFormat_2.10.0"
5	elementFormDefault="qualified">	5	elementFormDefault="qualified">
6		6	
7	<!-- Document root -->	7	<!-- Document root -->
8	<xs:element name="AtlaBase.CommonExportFormat">	8	<xs:element name="AtlaBase.CommonExportFormat">
9	<xs:complexType>	9	<xs:complexType>
10	<xs:choice minOccurs="1" maxOccurs="unbounded">	10	<xs:choice minOccurs="1" maxOccurs="unbounded">
11	<xs:element name="Brand" type="cef:tBrand"/>	11	<xs:element name="Brand" type="cef:tBrand"/>
12	<xs:element name="Filter" type="cef:tFilter"/>	12	<xs:element name="Filter" type="cef:tFilter"/>
13	<xs:element name="Gobo" type="cef:tGobo"/>	13	<xs:element name="Gobo" type="cef:tGobo"/>
14	<xs:element name="Fixture" type="cef:tFixture"/>	14	<xs:element name="Fixture" type="cef:tFixture"/>
15	<xs:element name="MediaServer" type="cef:tMediaServer"/>	15	<xs:element name="Symbol" type="cef:tSymbol"/>
16	<xs:element name="Symbol" type="cef:tSymbol"/>	16	</xs:choice>
17	</xs:choice>	17	</xs:complexType>
18	</xs:complexType>	18	</xs:element>
19	</xs:element>	19	
20		20	<!-- Brand -->
21	<!-- Brand -->	21	<xs:complexType name="tBrand">
22	<xs:complexType name="tBrand">	22	<xs:sequence>
23	<xs:sequence>	23	<xs:element name="Name" type="xs:string" minOccurs="1" maxOccurs="1" />
24	<xs:element name="Name" type="xs:string" minOccurs="1" maxOccurs="1" />	24	</xs:sequence>
25	</xs:sequence>	25	<xs:attribute name="Identifier" type="xs:string" use="required"/>
26	<xs:attribute name="Identifier" type="xs:string" use="required"/>	26	</xs:complexType>
27	</xs:complexType>		

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28
29 <!-- Filter -->
30 <xs:complexType name="tFilter">
31   <xs:sequence>
32     <xs:element name="Color" type="cef:tFilterColor" minOccurs="1" maxOccurs="1" />
33     <xs:element name="HorizontalFrost" type="xs:float" minOccurs="1" maxOccurs="1" />
34     <xs:element name="VerticalFrost" type="xs:float" minOccurs="1" maxOccurs="1" />
35   </xs:sequence>
36   <xs:attribute name="Identfier" type="xs:string" use="required"/>
37   <xs:attribute name="Version" type="xs:unsignedInt" use="required"/>
38   <xs:attribute name="VersionDate" type="xs:date" use="required"/>
39   <xs:attribute name="Brand" type="xs:string" use="required"/>
40   <xs:attribute name="Code" type="xs:string" use="optional"/>
41   <xs:attribute name="Name" type="xs:string" use="optional"/>
42   <xs:attribute name="PartNo" type="xs:string" use="optional"/>
43   <xs:attribute name="Origin" type="xs:string" use="optional"/>
44 </xs:complexType>
45
46 <xs:complexType name="tFilterColor">
47   <xs:sequence>
48     <xs:element name="sRGB" minOccurs="1" maxOccurs="1">
49       <xs:complexType>
50         <xs:attribute name="Red" type="xs:unsignedByte" use="required" />
51         <xs:attribute name="Green" type="xs:unsignedByte" use="required" />
52         <xs:attribute name="Blue" type="xs:unsignedByte" use="required" />
53       </xs:complexType>
54     </xs:element>
55     <xs:element name="CIE1931" minOccurs="0" maxOccurs="1">
56       <xs:complexType>
57         <xs:attribute name="x" type="xs:float" use="required" />
58         <xs:attribute name="y" type="xs:float" use="required" />
59         <xs:attribute name="Y" type="xs:float" use="required" />
60         <xs:attribute name="K" type="xs:unsignedShort" use="required" />
61       </xs:complexType>
62     </xs:element>
63   </xs:sequence>
64 </xs:complexType>
65
66 <!-- Gobo -->
67 <xs:complexType name="tGobo">
68   <xs:sequence>
69     <xs:element name="Type" type="cef:tGoboType" minOccurs="1" maxOccurs="1" />
70     <xs:element name="AnimationDiscRatio" minOccurs="0" maxOccurs="1">
71       <xs:simpleType>
72         <xs:restriction base="xs:float">
73           <xs:minExclusive value="0" />
74           <xs:maxInclusive value="1" />
75         </xs:restriction>
76       </xs:simpleType>
77     </xs:element>
78     <xs:element name="Tags" type="xs:string" minOccurs="0" maxOccurs="1" />
79     <xs:element name="ReplacementGobo" minOccurs="0" maxOccurs="unbounded">
80       <xs:complexType>
81         <xs:attribute name="Identfier" type="xs:string" use="required"/>
82         <xs:attribute name="Version" type="xs:unsignedInt" use="required"/>
83       </xs:complexType>
84     </xs:element>
85   </xs:sequence>
86   <xs:attribute name="Identfier" type="xs:string" use="required"/>
87   <xs:attribute name="Version" type="xs:unsignedInt" use="required"/>
88   <xs:attribute name="VersionDate" type="xs:date" use="required"/>
89   <xs:attribute name="Brand" type="xs:string" use="required"/>
90   <xs:attribute name="Code" type="xs:string" use="optional"/>
91   <xs:attribute name="Name" type="xs:string" use="optional"/>
92   <xs:attribute name="PartNo" type="xs:string" use="optional"/>
93   <xs:attribute name="Origin" type="xs:string" use="optional"/>
94 </xs:complexType>
95

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27
28 <!-- Filter -->
29 <xs:complexType name="tFilter">
30   <xs:sequence>
31     <xs:element name="Color" type="cef:tFilterColor" minOccurs="1" maxOccurs="1" />
32     <xs:element name="HorizontalFrost" type="xs:float" minOccurs="1" maxOccurs="1" />
33     <xs:element name="VerticalFrost" type="xs:float" minOccurs="1" maxOccurs="1" />
34   </xs:sequence>
35   <xs:attribute name="Identfier" type="xs:string" use="required"/>
36   <xs:attribute name="Version" type="xs:unsignedInt" use="required"/>
37   <xs:attribute name="VersionDate" type="xs:date" use="required"/>
38   <xs:attribute name="Brand" type="xs:string" use="required"/>
39   <xs:attribute name="Code" type="xs:string" use="optional"/>
40   <xs:attribute name="Name" type="xs:string" use="optional"/>
41   <xs:attribute name="PartNo" type="xs:string" use="optional"/>
42   <xs:attribute name="Origin" type="xs:string" use="optional"/>
43 </xs:complexType>
44
45 <xs:complexType name="tFilterColor">
46   <xs:sequence>
47     <xs:element name="sRGB" minOccurs="1" maxOccurs="1">
48       <xs:complexType>
49         <xs:attribute name="Red" type="xs:unsignedByte" use="required" />
50         <xs:attribute name="Green" type="xs:unsignedByte" use="required" />
51         <xs:attribute name="Blue" type="xs:unsignedByte" use="required" />
52       </xs:complexType>
53     </xs:element>
54     <xs:element name="CIE1931" minOccurs="0" maxOccurs="1">
55       <xs:complexType>
56         <xs:attribute name="x" type="xs:float" use="required" />
57         <xs:attribute name="y" type="xs:float" use="required" />
58         <xs:attribute name="Y" type="xs:float" use="required" />
59         <xs:attribute name="K" type="xs:unsignedShort" use="required" />
60       </xs:complexType>
61     </xs:element>
62   </xs:sequence>
63 </xs:complexType>
64
65 <!-- Gobo -->
66 <xs:complexType name="tGobo">
67   <xs:sequence>
68     <xs:element name="Type" type="cef:tGoboType" minOccurs="1" maxOccurs="1" />
69     <xs:element name="AnimationDiscRatio" minOccurs="0" maxOccurs="1">
70       <xs:simpleType>
71         <xs:restriction base="xs:float">
72           <xs:minExclusive value="0" />
73           <xs:maxInclusive value="1" />
74         </xs:restriction>
75       </xs:simpleType>
76     </xs:element>
77     <xs:element name="Tags" type="xs:string" minOccurs="0" maxOccurs="1" />
78     <xs:element name="ReplacementGobo" minOccurs="0" maxOccurs="unbounded">
79       <xs:complexType>
80         <xs:attribute name="Identfier" type="xs:string" use="required"/>
81         <xs:attribute name="Version" type="xs:unsignedInt" use="required"/>
82       </xs:complexType>
83     </xs:element>
84   </xs:sequence>
85   <xs:attribute name="Identfier" type="xs:string" use="required"/>
86   <xs:attribute name="Version" type="xs:unsignedInt" use="required"/>
87   <xs:attribute name="VersionDate" type="xs:date" use="required"/>
88   <xs:attribute name="Brand" type="xs:string" use="required"/>
89   <xs:attribute name="Code" type="xs:string" use="optional"/>
90   <xs:attribute name="Name" type="xs:string" use="optional"/>
91   <xs:attribute name="PartNo" type="xs:string" use="optional"/>
92   <xs:attribute name="Origin" type="xs:string" use="optional"/>
93 </xs:complexType>
94

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96 <!-- Fixture-->
97 <xs:complexType name="tFixture">
98   <xs:sequence>
99     <xs:element name="Class" type="xs:string" minOccurs="1" maxOccurs="1"/>
100    <xs:element name="Category" type="xs:string" minOccurs="1" maxOccurs="1"/>
101    <xs:element name="SymbolIdentifier" type="xs:string" minOccurs="0" maxOccurs="1"/>
102
103    <xs:element name="RDM" minOccurs="0" maxOccurs="1">
104      <xs:complexType>
105        <xs:sequence>
106          <xs:element name="ManufacturerId" minOccurs="1" maxOccurs="1">
107            <xs:simpleType>
108              <xs:restriction base="xs:unsignedShort">
109                <xs:minInclusive value="1"/>
110                <xs:maxInclusive value="32767"/>
111              </xs:restriction>
112            </xs:simpleType>
113            </xs:element>
114            <xs:element name="DeviceModelId" type="xs:unsignedShort" minOccurs="1" maxOccurs="1"/>
115          </xs:sequence>
116        </xs:complexType>
117      </xs:element>
118      <xs:element name="Weight" type="xs:string" minOccurs="1" maxOccurs="1"/>
119      <xs:element name="Wattage" type="xs:string" minOccurs="1" maxOccurs="1"/>
120      <xs:element name="CellCount" type="xs:unsignedShort" minOccurs="1" maxOccurs="1" />
121
122      <xs:element name="Shutter" minOccurs="1" maxOccurs="1">
123        <xs:complexType>
124          <xs:sequence>
125            <xs:element name="MinFrequency" type="xs:float" minOccurs="1" maxOccurs="1"/>
126
127            <xs:element name="MaxFrequency" type="xs:float" minOccurs="1" maxOccurs="1"/>
128
129            <xs:element name="MinDuration" type="xs:float" minOccurs="1" maxOccurs="1"/>
130
131            <xs:element name="MaxDuration" type="xs:float" minOccurs="1" maxOccurs="1"/>
132          </xs:sequence>
133        </xs:complexType>
134      </xs:element>
135      <xs:element name="FramingShutters" minOccurs="1" maxOccurs="1">
136        <xs:simpleType>
137          <xs:restriction base="xs:string">
138            <xs:enumeration value="None" />
139            <xs:enumeration value="OrthogonalSinglePointShutters" />
140            <xs:enumeration value="OrthogonalTwoPointShutters" />
141            <xs:enumeration value="PerimetralSinglePointShutters" />
142            <xs:enumeration value="ExternalBarndoors" />
143            <xs:enumeration value="InternalBarndoors" />
144          </xs:restriction>
145        </xs:simpleType>
146      </xs:element>
147      <xs:element name="ColorFlags" minOccurs="0" maxOccurs="1">
148        <xs:complexType>
149          <xs:sequence>
150            <xs:element name="Cyan" type="cef:tFixtureColorFlag" minOccurs="0" maxOccurs="1" />
151            <xs:element name="Magenta" type="cef:tFixtureColorFlag" minOccurs="0" maxOccurs="1" />
152            <xs:element name="Yellow" type="cef:tFixtureColorFlag" minOccurs="0" maxOccurs="1" />
153            <xs:element name="CT0" type="cef:tFixtureColorFlag" minOccurs="0" maxOccurs="1" />
154            <xs:element name="CTB" type="cef:tFixtureColorFlag" minOccurs="0" maxOccurs="1" />
155          </xs:sequence>
156        </xs:complexType>
157      </xs:element>

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95 <!-- Fixture-->
96 <xs:complexType name="tFixture">
97   <xs:sequence>
98     <xs:element name="Class" type="xs:string" minOccurs="1" maxOccurs="1"/>
99     <xs:element name="Category" type="xs:string" minOccurs="1" maxOccurs="1"/>
100    <xs:element name="SymbolIdentifier" type="xs:string" minOccurs="0" maxOccurs="1" />
101
102    <xs:element name="RDM" minOccurs="0" maxOccurs="1">
103      <xs:complexType>
104        <xs:sequence>
105          <xs:element name="ManufacturerId" minOccurs="1" maxOccurs="1">
106            <xs:simpleType>
107              <xs:restriction base="xs:unsignedShort">
108                <xs:minInclusive value="1"/>
109                <xs:maxInclusive value="32767"/>
110              </xs:restriction>
111            </xs:simpleType>
112            </xs:element>
113            <xs:element name="DeviceModelId" type="xs:unsignedShort" minOccurs="1" maxOccurs="1"/>
114          </xs:sequence>
115        </xs:complexType>
116      </xs:element>
117      <xs:element name="Weight" type="xs:string" minOccurs="1" maxOccurs="1"/>
118      <xs:element name="Wattage" type="xs:string" minOccurs="1" maxOccurs="1"/>
119      <xs:element name="CellCount" type="xs:unsignedShort" minOccurs="1" maxOccurs="1" />
120
121      <xs:element name="Shutter" minOccurs="1" maxOccurs="1">
122        <xs:complexType>
123          <xs:sequence>
124            <xs:element name="MinFrequency" type="xs:float" minOccurs="1" maxOccurs="1"/>
125
126            <xs:element name="MaxFrequency" type="xs:float" minOccurs="1" maxOccurs="1"/>
127
128            <xs:element name="MinDuration" type="xs:float" minOccurs="1" maxOccurs="1"/>
129
130            <xs:element name="MaxDuration" type="xs:float" minOccurs="1" maxOccurs="1"/>
131          </xs:sequence>
132        </xs:complexType>
133      </xs:element>
134      <xs:element name="FramingShutters" minOccurs="1" maxOccurs="1">
135        <xs:simpleType>
136          <xs:restriction base="xs:string">
137            <xs:enumeration value="None" />
138            <xs:enumeration value="OrthogonalSinglePointShutters" />
139            <xs:enumeration value="OrthogonalTwoPointShutters" />
140            <xs:enumeration value="PerimetralSinglePointShutters" />
141            <xs:enumeration value="ExternalBarndoors" />
142            <xs:enumeration value="InternalBarndoors" />
143          </xs:restriction>
144        </xs:simpleType>
145      </xs:element>
146      <xs:element name="ColorFlags" minOccurs="0" maxOccurs="1">
147        <xs:complexType>
148          <xs:sequence>
149            <xs:element name="Cyan" type="cef:tFixtureColorFlag" minOccurs="0" maxOccurs="1" />
150            <xs:element name="Magenta" type="cef:tFixtureColorFlag" minOccurs="0" maxOccurs="1" />
151            <xs:element name="Yellow" type="cef:tFixtureColorFlag" minOccurs="0" maxOccurs="1" />
152            <xs:element name="CT0" type="cef:tFixtureColorFlag" minOccurs="0" maxOccurs="1" />
153            <xs:element name="CTB" type="cef:tFixtureColorFlag" minOccurs="0" maxOccurs="1" />
154          </xs:sequence>
155        </xs:complexType>
156      </xs:element>

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153 <xs:element name="FrostFlags" minOccurs="0" maxOccurs="1">
154   <xs:complexType>
155     <xs:sequence>
156       <xs:element name="Flag" minOccurs="1" maxOccurs="unbounded">
157         <xs:complexType>
158           <xs:attribute name="Name" type="xs:string" use="optional" />
159
160           <xs:attribute name="Frost" type="cef:tPositiveFloat" use="required" />
161
162           <xs:attribute name="Index" type="xs:unsignedInt" use="required"/>
163
164         </xs:complexType>
165       </xs:element>
166     </xs:sequence>
167   </xs:complexType>
168 </xs:element>
169 <xs:element name="Axis" minOccurs="0" maxOccurs="unbounded">
170   <xs:complexType>
171     <xs:sequence>
172       <xs:element name="Range" type="xs:float" minOccurs="1" maxOccurs="1" />
173
174       <xs:element name="Trim" type="xs:float" minOccurs="1" maxOccurs="1" />
175
176       <xs:element name="Inverse" type="cef:tBoolean" minOccurs="1" maxOccurs="1" />
177
178       <xs:element name="MinTime" type="xs:float" minOccurs="1" maxOccurs="1" />
179
180     </xs:sequence>
181     <xs:attribute name="Name" type="cef:tFixtureAxisName" use="required" />
182     <xs:attribute name="Index" type="xs:unsignedByte" use="required" />
183   </xs:complexType>
184 </xs:element>
185 <xs:element name="Part" minOccurs="0" maxOccurs="unbounded">
186   <xs:complexType>
187     <xs:sequence>
188       <xs:element name="Host" minOccurs="0" maxOccurs="1">
189         <xs:complexType>
190           <xs:attribute name="PartName" type="xs:string" use="required" />
191
192           <xs:attribute name="AxisName" type="cef:tFixtureAxisName" use="required" />
193
194           <xs:attribute name="AxisIndex" type="xs:unsignedByte" use="required" />
195         </xs:complexType>
196       </xs:element>
197     </xs:sequence>
198   </xs:complexType>
199 </xs:element>
200 <xs:element name="Model" minOccurs="0" maxOccurs="1">
201   <xs:complexType>
202     <xs:sequence>
203       <xs:element name="Shape" minOccurs="1" maxOccurs="1">
204         <xs:simpleType>
205           <xs:restriction base="xs:string">
206             <xs:enumeration value="Box" />
207             <xs:enumeration value="Tube" />
208             <xs:enumeration value="Sphere" />
209             <xs:enumeration value="PAR" />
210             <xs:enumeration value="TubeWithBox" />
211             <xs:enumeration value="ConeWithTube" />
212             <xs:enumeration value="SymmetricEgg" />
213             <xs:enumeration value="FlatBottomEgg" />
214             <xs:enumeration value="FlatBottomTubeEgg" />
215             <xs:enumeration value="Scanner" />
216             <xs:enumeration value="YokeBase" />
217             <xs:enumeration value="YokeArm" />
218             <xs:enumeration value="FrontmountBox" />
219             <xs:enumeration value="FrontmountTube" />
220             <xs:enumeration value="FrontmountScanner" />
221           </xs:restriction>
222         </xs:simpleType>
223       </xs:element>
224     </xs:sequence>
225   </xs:complexType>
226 </xs:element>

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152 <xs:element name="FrostFlags" minOccurs="0" maxOccurs="1">
153   <xs:complexType>
154     <xs:sequence>
155       <xs:element name="Flag" minOccurs="1" maxOccurs="unbounded">
156         <xs:complexType>
157           <xs:attribute name="Name" type="xs:string" use="optional"
158           />
159           <xs:attribute name="Frost" type="cef:tPositiveFloat" use="
160           required" />
161           <xs:attribute name="Index" type="xs:unsignedInt" use="requ
162           ired"/>
163         </xs:complexType>
164       </xs:element>
165     </xs:sequence>
166   </xs:complexType>
167 </xs:element>
168 <xs:element name="Axis" minOccurs="0" maxOccurs="unbounded">
169   <xs:complexType>
170     <xs:sequence>
171       <xs:element name="Range" type="xs:float" minOccurs="1" maxOccurs="
172       1" />
173       <xs:element name="Trim" type="xs:float" minOccurs="1" maxOccurs="1
174       " />
175       <xs:element name="Inverse" type="cef:tBoolean" minOccurs="1" maxOc
176       curs="1" />
177       <xs:element name="MinTime" type="xs:float" minOccurs="1" maxOccurs
178       ="1" />
179     </xs:sequence>
180     <xs:attribute name="Name" type="cef:tFixtureAxisName" use="required" />
181     <xs:attribute name="Index" type="xs:unsignedByte" use="required" />
182   </xs:complexType>
183 </xs:element>
184 <xs:element name="Part" minOccurs="0" maxOccurs="unbounded">
185   <xs:complexType>
186     <xs:sequence>
187       <xs:element name="Host" minOccurs="0" maxOccurs="1">
188         <xs:complexType>
189           <xs:attribute name="PartName" type="xs:string" use="requir
190           ed" />
191           <xs:attribute name="AxisName" type="cef:tFixtureAxisName"
192           use="required" />
193           <xs:attribute name="AxisIndex" type="xs:unsignedByte" use=
194           "required" />
195         </xs:complexType>
196       </xs:element>
197     </xs:sequence>
198   </xs:complexType>
199 </xs:element>
200 <xs:element name="Model" minOccurs="0" maxOccurs="1">
201   <xs:complexType>
202     <xs:sequence>
203       <xs:element name="Shape" minOccurs="1" maxOccurs="1">
204         <xs:simpleType>
205           <xs:restriction base="xs:string">
206             <xs:enumeration value="Box" />
207             <xs:enumeration value="Tube" />
208             <xs:enumeration value="Sphere" />
209             <xs:enumeration value="PAR" />
210             <xs:enumeration value="TubeWithBox" />
211             <xs:enumeration value="ConeWithTube" />
212             <xs:enumeration value="SymmetricEgg" />
213             <xs:enumeration value="FlatBottomEgg" />
214             <xs:enumeration value="FlatBottomTubeEgg" />
215             <xs:enumeration value="Scanner" />
216             <xs:enumeration value="YokeBase" />
217             <xs:enumeration value="YokeArm" />
218             <xs:enumeration value="FrontmountBox" />
219             <xs:enumeration value="FrontmountTube" />
220             <xs:enumeration value="FrontmountScanner" />
221           </xs:restriction>
222         </xs:simpleType>
223       </xs:element>
224     </xs:sequence>
225   </xs:complexType>
226 </xs:element>

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210	</xs:simpleType>	209	</xs:simpleType>
211	</xs:element>	210	</xs:element>
212	<xs:element name="Width" type="xs:float" minOccurs="1" maxOccurs="1" />	211	<xs:element name="Width" type="xs:float" minOccurs="1"
213	<xs:element name="Height" type="xs:float" minOccurs="1" maxOccurs="1" />	212	maxOccurs="1" />
214	<xs:element name="Length" type="xs:float" minOccurs="1" maxOccurs="1" />	213	<xs:element name="Height" type="xs:float" minOccurs="1"
215	<xs:element name="Aperture" type="xs:float" minOccurs="1" maxOccurs="1" />	214	" maxOccurs="1" />
216	/>	215	<xs:element name="Length" type="xs:float" minOccurs="1"
217	</xs:sequence>	216	" maxOccurs="1" />
218	</xs:complexType>	217	<xs:element name="Aperture" type="xs:float" minOccurs="1"
219	</xs:element>	218	" maxOccurs="1" />
220	</xs:sequence>	219	</xs:sequence>
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262	<xs:enumeration value="Light" />	261	<xs:restriction base="xs:string">
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264         <xs:enumeration value="VideoPanel" />
265         <xs:enumeration value="Laser" />
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269 <xs:element name="VideoResolution" minOccurs="0" maxOccurs="1">
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272         <xs:attribute name="Vertical" type="xs:unsignedShort" use="required" />
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282             <xs:element name="Green" type="cef:tFixtureLightSourceColour" minOccurs="
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284             <xs:element name="Blue" type="cef:tFixtureLightSourceColour" minOccurs="
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286             <xs:element name="Auxiliary1" type="cef:tFixtureLightSourceColour" minOc
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289 curs="0" maxOccurs="1" />
290             <xs:element name="Auxiliary3" type="cef:tFixtureLightSourceColour" minOc
291 curs="0" maxOccurs="1" />
292             <xs:element name="Auxiliary4" type="cef:tFixtureLightSourceColour" minOc
293 curs="0" maxOccurs="1" />
294             <xs:element name="Auxiliary5" type="cef:tFixtureLightSourceColour" minOc
295 curs="0" maxOccurs="1" />
296         </xs:sequence>
297     </xs:complexType>
298 </xs:element>
299 <xs:element name="ColourMixing" minOccurs="1" maxOccurs="1">
300     <xs:complexType>
301         <xs:sequence>
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306                     <xs:enumeration value="Integrated" />
307                 </xs:restriction>
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327         <xs:sequence>
328             <xs:element name="Wattage" type="xs:float" minOccurs="1" maxOccurs="1" />

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264         <xs:enumeration value="Laser" />
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268 <xs:element name="VideoResolution" minOccurs="0" maxOccurs="1">
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282 lour" minOccurs="0" maxOccurs="1" />
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284 Colour" minOccurs="0" maxOccurs="1" />
285             <xs:element name="Blue" type="cef:tFixtureLightSourceC
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289             <xs:element name="Auxiliary2" type="cef:tFixtureLightS
290 ourceColour" minOccurs="0" maxOccurs="1" />
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323             </xs:complexType>
324         </xs:element>
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336             <xs:enumeration value="SquareSharp" />
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338             <xs:enumeration value="RoundFresnel" />
339             <xs:enumeration value="RoundPAR" />
340             <xs:enumeration value="SquareSymmetric" />
341             <xs:enumeration value="SquareAssymetric" />
342             <xs:enumeration value="RoundLambertian" />
343             <xs:enumeration value="SquareLambertian" />
344             <xs:enumeration value="SquarePanel" />
345             <xs:enumeration value="DonutLambertian" />
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347             <xs:enumeration value="RoundBeam" />
348             <xs:enumeration value="Spherical" />
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359         <xs:attribute name="Height" type="xs:float" use="optional" />
360         <xs:attribute name="PixelPitch" type="xs:float" use="optional" />
361         <xs:attribute name="PixelSize" type="xs:float" use="optional" />
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360         <xs:attribute name="PixelSize" type="xs:float" use="optional" />
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362         <xs:attribute name="OuterDiameter" type="xs:float" use="optional" />
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364         <xs:attribute name="EndAngle" type="xs:float" use="optional" />
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367 </xs:sequence>

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377	<xs:restriction base="xs:string">	376	<xs:restriction base="xs:string">
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398	<xs:attribute name="Name" type="xs:string" use="optional"/>	397	<xs:attribute name="Name" type="xs:string" use="optional"/>
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462                                     <xs:element name="SetAuxColor4LightLevel" type="cef:tSetCellLightWideLevelCommand" minOccurs="0" maxOccurs="unbounded" />
463                                     <xs:element name="SetAuxColor5LightLevel" type="cef:tSetCellLightWideLevelCommand" minOccurs="0" maxOccurs="unbounded" />
464                                     <xs:element name="SetLightColorTemperatureLevel" type="cef:tSetCellLightColorTemperatureLevelCommand" minOccurs="0" maxOccurs="unbounded" />
465                                     <xs:element name="SetLightColorTemperatureLevelRange" type="cef:tSetCellLightColorTemperatureLevelCommand" minOccurs="0" maxOccurs="unbounded" />
466                                     <xs:element name="SetLightRangedColorTemperatureLevel" type="cef:tSetCellLightLevelCommand" minOccurs="0" maxOccurs="unbounded" />

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449                                     <xs:element name="SetLightEnabled" type="cef:tSetCellLightEnabledCommand" minOccurs="0" maxOccurs="unbounded" />
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451                                     <xs:element name="SetLightColorRenderingIndex" type="cef:tSetCellLightColorRenderingIndexLevelCommand" minOccurs="0" maxOccurs="unbounded" />
452                                     <xs:element name="SetLightMode" type="cef:tSetLightModeCommand" minOccurs="0" maxOccurs="unbounded" />
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454                                     <xs:element name="SetWhiteLightLevel" type="cef:tSetCellLightWideLevelCommand" minOccurs="0" maxOccurs="unbounded" />
455                                     <xs:element name="SetRedLightLevel" type="cef:tSetCellLightWideLevelCommand" minOccurs="0" maxOccurs="unbounded" />
456                                     <xs:element name="SetGreenLightLevel" type="cef:tSetCellLightWideLevelCommand" minOccurs="0" maxOccurs="unbounded" />
457                                     <xs:element name="SetBlueLightLevel" type="cef:tSetCellLightWideLevelCommand" minOccurs="0" maxOccurs="unbounded" />
458                                     <xs:element name="SetAuxColor1LightLevel" type="cef:tSetCellLightWideLevelCommand" minOccurs="0" maxOccurs="unbounded" />
459                                     <xs:element name="SetAuxColor2LightLevel" type="cef:tSetCellLightWideLevelCommand" minOccurs="0" maxOccurs="unbounded" />
460                                     <xs:element name="SetAuxColor3LightLevel" type="cef:tSetCellLightWideLevelCommand" minOccurs="0" maxOccurs="unbounded" />
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462                                     <xs:element name="SetAuxColor5LightLevel" type="cef:tSetCellLightWideLevelCommand" minOccurs="0" maxOccurs="unbounded" />
463                                     <xs:element name="SetLightColorTemperatureLevel" type="cef:tSetCellLightColorTemperatureLevelCommand" minOccurs="0" maxOccurs="unbounded" />
464                                     <xs:element name="SetLightColorTemperatureLevelRange" type="cef:tSetCellLightColorTemperatureLevelCommand" minOccurs="0" maxOccurs="unbounded" />
465                                     <xs:element name="SetLightRangedColorTemperatureLevel" type="cef:tSetCellLightLevelCommand" minOccurs="0" maxOccurs="unbounded" />

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470         <xs:element name="SetLightSaturationLevel" type="cef:tSetCellLight
LevelCommand" minOccurs="0" maxOccurs="unbounded" />
471         <xs:element name="SetLightValueLevel" type="cef:tSetCellLightLevel
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473         <xs:element name="SetLightChromaticityYLevel" type="cef:tSetCellLi
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474         <xs:element name="SetLightLuminanceLevel" type="cef:tSetCellLightL
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475         <xs:element name="SelectLightFilterCatalog" type="cef:tSelectLight
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476         <xs:element name="SelectLightFilterCollection" type="cef:tSelectLi
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477         <xs:element name="SelectLightFilter" type="cef:tSelectLightFilterC
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478         <xs:element name="SetLightTargetColorTemperatureLevel" type="cef:t
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479         <xs:element name="SetLightTargetColorTintLevel" type="cef:tSetCell
LightWideLevelCommand" minOccurs="0" maxOccurs="unbounded" />
480         <xs:element name="CustomLightCommand" type="cef:tCustomCommand" mi
nOccurs="0" maxOccurs="unbounded" />
481         <!-- Dousing -->
482         <xs:element name="SetBlinderLevel" type="cef:tSimpleCellLevelComma
nd" minOccurs="0" maxOccurs="unbounded" />
483         <xs:element name="SetShutterOpen" type="cef:tSetShutterCommand" mi
nOccurs="0" maxOccurs="unbounded" />
484         <xs:element name="SetShutterClosed" type="cef:tSetShutterCommand"
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485         <xs:element name="DoShutterFlash" type="cef:tSetShutterCommand" mi
nOccurs="0" maxOccurs="unbounded" />
486         <xs:element name="SetShutterStrobe" type="cef:tSetShutterStrobeCom
mand" minOccurs="0" maxOccurs="unbounded" />
487         <xs:element name="SetShutterSpeed" type="cef:tSetShutterStrobeVari
ableRateCommand" minOccurs="0" maxOccurs="unbounded" />
488         <xs:element name="SetShutterSpeedOpen" type="cef:tSetShutterStrobe
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489         <xs:element name="SetShutterSpeedClosed" type="cef:tSetShutterStro
beRateCommand" minOccurs="0" maxOccurs="unbounded" />
490         <xs:element name="SetShutterDuration" type="cef:tSetShutterStrobeD
urationCommand" minOccurs="0" maxOccurs="unbounded" />
491         <xs:element name="CustomShutterCommand" type="cef:tCustomCommand"
minOccurs="0" maxOccurs="unbounded" />
492         <!-- Subtractive color mix -->
493         <xs:element name="SetCyanFlagLevel" type="cef:tSimpleLevelCommand"
minOccurs="0" maxOccurs="unbounded" />
494         <xs:element name="SetMagentaFlagLevel" type="cef:tSimpleLevelComma
nd" minOccurs="0" maxOccurs="unbounded" />
495         <xs:element name="SetYellowFlagLevel" type="cef:tSimpleLevelComman
d" minOccurs="0" maxOccurs="unbounded" />
496         <xs:element name="SetRedFlagLevel" type="cef:tSimpleLevelCommand"
minOccurs="0" maxOccurs="unbounded" />
497         <xs:element name="SetGreenFlagLevel" type="cef:tSimpleLevelCommand
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```

```
465         <xs:element name="SetLightColorTemperature
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466         <xs:element name="SetLightRedLevel" type="
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468         <xs:element name="SetLightBlueLevel" type=
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469         <xs:element name="SetLightHueLevel" type="
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474         <xs:element name="SetLightLuminanceLevel"
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476         <xs:element name="SelectLightFilterCollect
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477         <xs:element name="SelectLightFilter" type=
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478         <xs:element name="SetLightTargetColorTempe
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479         <xs:element name="SetLightTargetColorTintL
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480         <xs:element name="SetLightPixelMode" type=
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482         <xs:element name="CustomLightCommand" type
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483         <!-- Dousing -->
484         <xs:element name="SetBlinderLevel" type="c
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485         <xs:element name="SetShutterOpen" type="ce
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486         <xs:element name="SetShutterClosed" type="
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487         <xs:element name="DoShutterFlash" type="ce
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488         <xs:element name="SetShutterStrobe" type="
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492         <xs:element name="SetShutterDuration" type
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493         <xs:element name="CustomShutterCommand" ty
pe="cef:tCustomCommand" minOccurs="0" maxOccurs="unbounded" />
494         <!-- Subtractive color mix -->
495         <xs:element name="SetCyanFlagLevel" type="
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496         <xs:element name="SetMagentaFlagLevel" typ
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497         <xs:element name="SetYellowFlagLevel" type
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498         <xs:element name="SetRedFlagLevel" type="c
ef:tSimpleLevelCommand" minOccurs="0" maxOccurs="unbounded" />
499         <xs:element name="SetGreenFlagLevel" type=
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```

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498 <xs:element name="SetBlueFlagLevel" type="cef:tSimpleLevelCommand"
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499 <xs:element name="SetCTOFlagLevel" type="cef:tSimpleLevelCommand"
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500 <xs:element name="SetCTBFlagLevel" type="cef:tSimpleLevelCommand"
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501 <xs:element name="SetColorFlagSpeed" type="cef:tSimpleSpeedCommand"
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502 <xs:element name="SetColorFlagTime" type="cef:tSimpleTimeCommand"
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503 <xs:element name="SetColorFlagShutterMode" type="cef:tShutterOnOff
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504 <xs:element name="CustomColorFlagCommand" type="cef:tCustomCommand"
    minOccurs="0" maxOccurs="unbounded" />
505 <!-- Beam and projection -->
506 <xs:element name="SetFrostLevel" type="cef:tSetFrostLevelCommand"
    minOccurs="0" maxOccurs="unbounded" />
507 <xs:element name="SetFrostStrobe" type="cef:tSetFrostStrobeCommand"
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508 <xs:element name="CustomFrostCommand" type="cef:tCustomFrostComman
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509 <xs:element name="SetIrisLevel" type="cef:tSimpleLevelCommand" min
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514 <xs:element name="CustomZoomCommand" type="cef:tCustomCellCommand"
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    nOccurs="0" maxOccurs="unbounded" />
518 <xs:element name="CustomFocusCommand" type="cef:tCustomCommand" mi
    nOccurs="0" maxOccurs="unbounded" />
519 <!-- Wheels -->
520 <xs:element name="SetWheelMode" type="cef:tSetWheelModeCommand" mi
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521 <xs:element name="SetWheelSpinDirection" type="cef:tSetWheelSpinDi
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522 <xs:element name="SetWheelPosition" type="cef:tSetWheelPositionCom
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526 <xs:element name="SetWheelDepthPosition" type="cef:tSetWheelDepthP
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527 <xs:element name="SetWheelDepthStrobe" type="cef:tSetWheelDepthStr
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528 <xs:element name="SetWheelDepthOrientation" type="cef:tSetWheelDep
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533 <xs:element name="CustomWheelCommand" type="cef:tCustomWheelComman
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502 <xs:element name="SetCTBFlagLevel" type="c
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506 <xs:element name="CustomColorFlagCommand"
    type="cef:tCustomCommand" minOccurs="0" maxOccurs="unbounded" />
507 <!-- Beam and projection -->
508 <xs:element name="SetFrostLevel" type="cef
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510 <xs:element name="CustomFrostCommand" type
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511 <xs:element name="SetIrisLevel" type="cef:
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512 <xs:element name="SetIrisStrobe" type="cef
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516 <xs:element name="CustomZoomCommand" type=
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517 <xs:element name="SetPrismScaleLevel" type
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518 <xs:element name="SetFocusLevel" type="cef
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520 <xs:element name="CustomFocusCommand" type
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521 <!-- Wheels -->
522 <xs:element name="SetWheelMode" type="cef:
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523 <xs:element name="SetWheelSpinDirection" t
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524 <xs:element name="SetWheelPosition" type="
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527 <xs:element name="SetWheelShutterMode" typ
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528 <xs:element name="SetWheelDepthPosition" t
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529 <xs:element name="SetWheelDepthStrobe" typ
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530 <xs:element name="SetWheelDepthOrientation
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535 <xs:element name="CustomWheelCommand" type
```

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d" minOccurs="0" maxOccurs="unbounded" />
534 <!-- Framing shutters -->
535 <xs:element name="SetFramingShutterDepth" type="cef:tSetFramingShu
tterDepthCommand" minOccurs="0" maxOccurs="unbounded" />
536 <xs:element name="SetFramingShutterAngle" type="cef:tSetFramingShu
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537 <xs:element name="SetFramingShutterADepth" type="cef:tSetFramingSh
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538 <xs:element name="SetFramingShutterBDepth" type="cef:tSetFramingSh
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539 <xs:element name="SetFramingShutterPackageAngle" type="cef:tSetFra
mingShutterPackageAngleCommand" minOccurs="0" maxOccurs="unbounded" />

540 <xs:element name="CustomFramingShuttersCommand" type="cef:tCustomC
ommand" minOccurs="0" maxOccurs="unbounded" />
541 <!-- Motion -->
542 <xs:element name="SetPanMode" type="cef:tSetMotionModeCommand" min
Occurs="0" maxOccurs="unbounded" />
543 <xs:element name="SetTiltMode" type="cef:tSetMotionModeCommand" mi
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544 <xs:element name="Pan" type="cef:tMotionCommand" minOccurs="0" max
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545 <xs:element name="Tilt" type="cef:tMotionCommand" minOccurs="0" ma
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546 <xs:element name="Pitch" type="cef:tMotionCommand" minOccurs="0" m
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548 <xs:element name="SetTiltDirection" type="cef:tSetMotionDirectionC
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550 <xs:element name="SetTiltSpeed" type="cef:tMotionSpeedCommand" min
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553 <xs:element name="SetMotionTime" type="cef:tMotionTimeCommand" min
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554 <xs:element name="SetMotionShutterMode" type="cef:tShutterOnOffCom
mand" minOccurs="0" maxOccurs="unbounded" />
555 <xs:element name="CustomMotionCommand" type="cef:tCustomCommand" m
inOccurs="0" maxOccurs="unbounded" />
556 <!-- Effects -->
557 <xs:element name="SelectMacroCatalog" type="cef:tSelectMacroCatalo
gCommand" minOccurs="0" maxOccurs="unbounded" />
558 <xs:element name="SelectMacro" type="cef:tSelectMacroCommand" minO
ccurs="0" maxOccurs="unbounded" />
559 <xs:element name="MacroParameterCommand" type="cef:tMacroParameter
Command" minOccurs="0" maxOccurs="unbounded" />
560 <xs:element name="SetMacroIntensityLevel" type="cef:tSimpleLevelCo
mmand" minOccurs="0" maxOccurs="unbounded" />
561 <xs:element name="SetMacroColorRedLevel" type="cef:tSimpleLevelCom
mand" minOccurs="0" maxOccurs="unbounded" />
562 <xs:element name="SetMacroColorGreenLevel" type="cef:tSimpleLevelC
ommand" minOccurs="0" maxOccurs="unbounded" />
563 <xs:element name="SetMacroColorBlueLevel" type="cef:tSimpleLevelCo
mmand" minOccurs="0" maxOccurs="unbounded" />
564 <xs:element name="SetMacroColorWhiteLevel" type="cef:tSimpleLevelC
```

```
"cef:tCustomWheelCommand" minOccurs="0" maxOccurs="unbounded" />
536 <!-- Framing shutters -->
537 <xs:element name="SetFramingShutterDepth"
type="cef:tSetFramingShutterDepthCommand" minOccurs="0" maxOccurs="unbounded" />
538 <xs:element name="SetFramingShutterAngle"
type="cef:tSetFramingShutterAngleCommand" minOccurs="0" maxOccurs="unbounded" />
539 <xs:element name="SetFramingShutterADepth"
type="cef:tSetFramingShutterDepthCommand" minOccurs="0" maxOccurs="unbounded" />
540 <xs:element name="SetFramingShutterBDepth"
type="cef:tSetFramingShutterDepthCommand" minOccurs="0" maxOccurs="unbounded" />
541 <xs:element name="SetFramingShutterPackage
Mode" type="cef:tSetFramingShutterPackageModeCommand" minOccurs="0" maxOccurs="unbounded"
/>
542 <xs:element name="SetFramingShutterPackage
Angle" type="cef:tSetFramingShutterPackageAngleCommand" minOccurs="0" maxOccurs="unbounded"
/>
543 <xs:element name="SetFramingShutterPackage
SpinDirection" type="cef:tSetFramingShutterPackageSpinDirectionCommand" minOccurs="0" maxO
ccurs="unbounded" />
544 <xs:element name="SetFramingShutterPackage
Speed" type="cef:tSetFramingShutterPackageSpeedCommand" minOccurs="0" maxOccurs="unbounded"
/>
545 <xs:element name="CustomFramingShuttersCom
mand" type="cef:tCustomCommand" minOccurs="0" maxOccurs="unbounded" />
546 <!-- Motion -->
547 <xs:element name="SetPanMode" type="cef:tS
etMotionModeCommand" minOccurs="0" maxOccurs="unbounded" />
548 <xs:element name="SetTiltMode" type="cef:t
SetMotionModeCommand" minOccurs="0" maxOccurs="unbounded" />
549 <xs:element name="Pan" type="cef:tMotionCo
mmand" minOccurs="0" maxOccurs="unbounded" />
550 <xs:element name="Tilt" type="cef:tMotionC
ommand" minOccurs="0" maxOccurs="unbounded" />
551 <xs:element name="Pitch" type="cef:tMotion
Command" minOccurs="0" maxOccurs="unbounded" />
552 <xs:element name="SetPanDirection" type="c
ef:tSetMotionDirectionCommand" minOccurs="0" maxOccurs="unbounded" />
553 <xs:element name="SetTiltDirection" type="
cef:tSetMotionDirectionCommand" minOccurs="0" maxOccurs="unbounded" />
554 <xs:element name="SetPanSpeed" type="cef:t
MotionSpeedCommand" minOccurs="0" maxOccurs="unbounded" />
555 <xs:element name="SetTiltSpeed" type="cef:
tMotionSpeedCommand" minOccurs="0" maxOccurs="unbounded" />
556 <xs:element name="SetVectorPosition" type=
"cef:tSetVectorPositionCommand" minOccurs="0" maxOccurs="unbounded" />
557 <xs:element name="SetMotionSpeed" type="ce
f:tMotionSpeedCommand" minOccurs="0" maxOccurs="unbounded" />
558 <xs:element name="SetMotionTime" type="cef
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559 <xs:element name="SetMotionShutterMode" ty
pe="cef:tShutterOnOffCommand" minOccurs="0" maxOccurs="unbounded" />
560 <xs:element name="CustomMotionCommand" typ
e="cef:tCustomCommand" minOccurs="0" maxOccurs="unbounded" />
561 <!-- Effects -->
562 <xs:element name="SelectMacroCatalog" type
="cef:tSelectMacroCatalogCommand" minOccurs="0" maxOccurs="unbounded" />
563 <xs:element name="SelectMacro" type="cef:t
SelectMacroCommand" minOccurs="0" maxOccurs="unbounded" />
564 <xs:element name="MacroParameterCommand" t
ype="cef:tMacroParameterCommand" minOccurs="0" maxOccurs="unbounded" />
565 <xs:element name="SetMacroIntensityLevel"
type="cef:tSimpleLevelCommand" minOccurs="0" maxOccurs="unbounded" />
566 <xs:element name="SetMacroColorRedLevel" t
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567 <xs:element name="SetMacroColorGreenLevel"
type="cef:tSimpleLevelCommand" minOccurs="0" maxOccurs="unbounded" />
568 <xs:element name="SetMacroColorBlueLevel"
type="cef:tSimpleLevelCommand" minOccurs="0" maxOccurs="unbounded" />
569 <xs:element name="SetMacroColorWhiteLevel"
```

```
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565     <xs:element name="SetMacroShutterOpen" type="cef:tSimpleCommand" m
inOccurs="0" maxOccurs="unbounded" />
566     <xs:element name="SetMacroShutterClosed" type="cef:tSimpleCommand"
minOccurs="0" maxOccurs="unbounded" />
567     <xs:element name="SetMacroShutterStrobe" type="cef:tSimpleStrobeCo
mmand" minOccurs="0" maxOccurs="unbounded" />
568     <xs:element name="SetMacroShutterSpeed" type="cef:tSimpleSpeedComm
and" minOccurs="0" maxOccurs="unbounded" />
569     <xs:element name="SetMacroSpeed" type="cef:tSimpleSpeedCommand" mi
nOccurs="0" maxOccurs="unbounded" />
570     <xs:element name="SetMacroDirection" type="cef:tSetMacroDirectionC
ommand" minOccurs="0" maxOccurs="unbounded" />
571     <xs:element name="SetMacroRotationPosition" type="cef:tSetMacroRot
ationPositionCommand" minOccurs="0" maxOccurs="unbounded" />
572     <xs:element name="SetMacroRotationSpin" type="cef:tSetMacroRotatio
nSpinCommand" minOccurs="0" maxOccurs="unbounded" />
573     <xs:element name="SetMacroRotationDirection" type="cef:tSetMacroRo
tationDirectionCommand" minOccurs="0" maxOccurs="unbounded" />
574     <xs:element name="SetMacroFadeTime" type="cef:tSetMacroFadeTimeCom
mand" minOccurs="0" maxOccurs="unbounded" />
575     <xs:element name="CustomMacroCommand" type="cef:tCustomCommand" mi
nOccurs="0" maxOccurs="unbounded" />
576     <!-- Specials -->
577     <xs:element name="SetLampOn" type="cef:tSimpleCommand" minOccurs="
0" maxOccurs="unbounded" />
578     <xs:element name="SetLampOff" type="cef:tSimpleCommand" minOccurs=
"0" maxOccurs="unbounded" />
579     <xs:element name="SetLampMode" type="cef:tSetLampModeCommand" minO
ccurs="0" maxOccurs="unbounded" />
580     <xs:element name="CustomLampCommand" type="cef:tCustomCommand" min
Occurs="0" maxOccurs="unbounded" />
581     <xs:element name="SetLaserOn" type="cef:tSimpleCommand" minOccurs=
"0" maxOccurs="unbounded" />
582     <xs:element name="SetLaserOff" type="cef:tSimpleCommand" minOccurs
="0" maxOccurs="unbounded" />
583     <xs:element name="SetLaserStrobe" type="cef:tSetLaserStrobeCommand
" minOccurs="0" maxOccurs="unbounded" />
584     <xs:element name="SetFanMode" type="cef:tSetFanModeCommand" minOcc
urs="0" maxOccurs="unbounded" />
585     <xs:element name="CustomFanCommand" type="cef:tCustomCommand" minO
ccurs="0" maxOccurs="unbounded" />
586     <xs:element name="Reset" type="cef:tResetCommand" minOccurs="0" ma
xOccurs="unbounded" />
587     <xs:element name="NoFunction" type="cef:tSimpleCommand" minOccurs=
"0" maxOccurs="unbounded" />
588     <xs:element name="Reserved" type="cef:tSimpleCommand" minOccurs="0
" maxOccurs="unbounded" />
589     <xs:element name="CustomCommand" type="cef:tCustomCommand" minOccu
rs="0" maxOccurs="unbounded" />
590     <xs:element name="SetPreset" type="cef:tPresetCommand" minOccurs="
0" maxOccurs="unbounded" />
591     <xs:element name="SetPresetScroll" type="cef:tPresetScrollCommand"
minOccurs="0" maxOccurs="unbounded" />
592     <xs:element name="SetPresetScrollSpeed" type="cef:tSimpleSpeedComm
and" minOccurs="0" maxOccurs="unbounded" />
593     <xs:element name="Macro" type="cef:tTextCommand" minOccurs="0" max
Occurs="unbounded" />
594 </xs:choice>
595 <xs:attribute name="Type" use="required">
596   <xs:simpleType>
597     <xs:restriction base="xs:string">
598       <xs:enumeration value="8Bit" />
599       <xs:enumeration value="16BitMsb" />
600       <xs:enumeration value="16BitLsb" />
601     </xs:restriction>
602   </xs:simpleType>
603 </xs:attribute>
604 <xs:attribute name="OsbChannelIndex" type="xs:unsignedInt" use="opti
```

```
type="cef:tSimpleLevelCommand" minOccurs="0" maxOccurs="unbounded" />
570     <xs:element name="SetMacroShutterOpen" typ
e="cef:tSimpleCommand" minOccurs="0" maxOccurs="unbounded" />
571     <xs:element name="SetMacroShutterClosed" t
ype="cef:tSimpleCommand" minOccurs="0" maxOccurs="unbounded" />
572     <xs:element name="SetMacroShutterStrobe" t
ype="cef:tSimpleStrobeCommand" minOccurs="0" maxOccurs="unbounded" />
573     <xs:element name="SetMacroShutterSpeed" ty
pe="cef:tSimpleSpeedCommand" minOccurs="0" maxOccurs="unbounded" />
574     <xs:element name="SetMacroSpeed" type="cef
:tSimpleSpeedCommand" minOccurs="0" maxOccurs="unbounded" />
575     <xs:element name="SetMacroDirection" type=
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576     <xs:element name="SetMacroRotationPosition
" type="cef:tSetMacroRotationPositionCommand" minOccurs="0" maxOccurs="unbounded" />
577     <xs:element name="SetMacroRotationSpin" ty
pe="cef:tSetMacroRotationSpinCommand" minOccurs="0" maxOccurs="unbounded" />
578     <xs:element name="SetMacroRotationDirectio
n" type="cef:tSetMacroRotationDirectionCommand" minOccurs="0" maxOccurs="unbounded" />
579     <xs:element name="SetMacroFadeTime" type="
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580     <xs:element name="CustomMacroCommand" type
="cef:tCustomCommand" minOccurs="0" maxOccurs="unbounded" />
581     <!-- Specials -->
582     <xs:element name="SetLampOn" type="cef:tSi
mpleCommand" minOccurs="0" maxOccurs="unbounded" />
583     <xs:element name="SetLampOff" type="cef:tS
impleCommand" minOccurs="0" maxOccurs="unbounded" />
584     <xs:element name="SetLampMode" type="cef:t
SetLampModeCommand" minOccurs="0" maxOccurs="unbounded" />
585     <xs:element name="CustomLampCommand" type=
"cef:tCustomCommand" minOccurs="0" maxOccurs="unbounded" />
586     <xs:element name="SetLaserOn" type="cef:tS
impleCommand" minOccurs="0" maxOccurs="unbounded" />
587     <xs:element name="SetLaserOff" type="cef:t
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588     <xs:element name="SetLaserStrobe" type="ce
f:tSetLaserStrobeCommand" minOccurs="0" maxOccurs="unbounded" />
589     <xs:element name="SetFanMode" type="cef:tS
etFanModeCommand" minOccurs="0" maxOccurs="unbounded" />
590     <xs:element name="CustomFanCommand" type="
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591     <xs:element name="Reset" type="cef:tResetC
ommand" minOccurs="0" maxOccurs="unbounded" />
592     <xs:element name="NoFunction" type="cef:tS
impleCommand" minOccurs="0" maxOccurs="unbounded" />
593     <xs:element name="Reserved" type="cef:tSim
pleCommand" minOccurs="0" maxOccurs="unbounded" />
594     <xs:element name="CustomCommand" type="cef
:tCustomCommand" minOccurs="0" maxOccurs="unbounded" />
595     <xs:element name="SetPreset" type="cef:tPr
esetCommand" minOccurs="0" maxOccurs="unbounded" />
596     <xs:element name="SetPresetScroll" type="c
ef:tPresetScrollCommand" minOccurs="0" maxOccurs="unbounded" />
597     <xs:element name="SetPresetScrollSpeed" ty
pe="cef:tSimpleSpeedCommand" minOccurs="0" maxOccurs="unbounded" />
598     <xs:element name="Macro" type="cef:tTextCo
mmand" minOccurs="0" maxOccurs="unbounded" />
599 </xs:choice>
600 <xs:attribute name="Type" use="required">
601   <xs:simpleType>
602     <xs:restriction base="xs:string">
603       <xs:enumeration value="8Bit" />
604       <xs:enumeration value="16BitMsb" />
605       <xs:enumeration value="16BitLsb" />
606     </xs:restriction>
607   </xs:simpleType>
608 </xs:attribute>
609 <xs:attribute name="OsbChannelIndex" type="xs:
```

```

605         onal" />
        <xs:attribute name="ExternalModeStart" type="xs:string" use="optiona
606         l" />
        <xs:attribute name="GroupName" type="xs:string" use="optional"/>
607         <xs:attribute name="Name" type="xs:string" use="required"/>
608         <xs:attribute name="ShortName" type="xs:string" use="optional"/>
609         <xs:attribute name="Cells" use="optional">
610             <xs:simpleType>
611                 <xs:restriction base="xs:string">
612                     <xs:pattern value="\d+(-\d+)?(,(\d+(-\d+)?))*" />
613                 </xs:restriction>
614             </xs:simpleType>
615         </xs:attribute>
616         <xs:attribute name="DefaultLevel" type="xs:unsignedInt" use="optiona
617         l"/>
618         <xs:attribute name="DefaultLevelType" use="optional">
619             <xs:simpleType>
620                 <xs:restriction base="xs:string">
621                     <xs:enumeration value="Explicit" />
622                     <xs:enumeration value="Computed" />
623                 </xs:restriction>
624             </xs:simpleType>
        </xs:attribute>
625     </xs:attribute name="LocateLevel" type="xs:unsignedInt" use="optional
"/>
626     </xs:complexType>
627 </xs:element>
628 </xs:sequence>
629 </xs:complexType>
630 </xs:element>
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632     <xs:complexType>
633         <xs:sequence minOccurs="1" maxOccurs="unbounded">
634             <xs:element name="Step" minOccurs="1" maxOccurs="unbounded">
635                 <xs:complexType>
636                     <xs:sequence>
637                         <xs:element name="Parameter" minOccurs="0" maxOccurs="unbounded">
638                             <xs:complexType>
639                                 <xs:attribute name="ChannelIndex" type="xs:unsignedInt" use="r
640                                 equired" />
641                                 <xs:attribute name="DMX" type="xs:int" use="required" />
642                             </xs:complexType>
643                         </xs:element>
644                     </xs:sequence>
645                     <xs:attribute name="Time" type="xs:float" use="required" />
646                 </xs:complexType>
647             </xs:element>
648         </xs:sequence>
649     <xs:attribute name="Type" use="required">
650         <xs:simpleType>
651             <xs:restriction base="xs:string">
652                 <xs:enumeration value="Custom" />
653                 <xs:enumeration value="Lock" />
654                 <xs:enumeration value="Unlock" />
655                 <xs:enumeration value="LampOn" />
656                 <xs:enumeration value="LampOff" />
                 <xs:enumeration value="LampModeNormal" />

```

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        unsignedInt" use="optional" />
610     <xs:attribute name="ExternalModeStart" type="xs:string" use="optional" />
611     <xs:attribute name="GroupName" type="xs:string" use="optional"/>
612     <xs:attribute name="Name" type="xs:string" use="required"/>
613     <xs:attribute name="ShortName" type="xs:string" use="optional"/>
614     <xs:attribute name="Cells" use="optional">
615         <xs:simpleType>
616             <xs:restriction base="xs:string">
617                 <xs:pattern value="\d+(-\d+)?(,(\d+(-\d+)?))*" />
618             </xs:restriction>
619         </xs:simpleType>
620     </xs:attribute>
621     <xs:attribute name="DefaultLevel" type="xs:unsignedInt" use="optional"/>
622     <xs:attribute name="ExplicitDefaultLevel" type="xs:unsignedInt" use="optional"/>
623     <xs:attribute name="LocateLevel" type="xs:unsignedInt" use="optional"/>
624     </xs:complexType>
625 </xs:element>
626 </xs:sequence>
627 </xs:complexType>
628 </xs:element>
629 <xs:element name="Function" minOccurs="0" maxOccurs="unbounded">
630     <xs:complexType>
631         <xs:sequence minOccurs="1" maxOccurs="unbounded">
632             <xs:element name="Step" minOccurs="1" maxOccurs="unbounded">
633                 <xs:complexType>
634                     <xs:sequence>
635                         <xs:element name="Parameter" minOccurs="0" maxOccurs="unbounded">
636                             <xs:complexType>
637                                 <xs:attribute name="ChannelIndex" type="xs:unsignedInt" use="required" />
638                                 <xs:attribute name="DMX" type="xs:int" use="required" />
639                             </xs:complexType>
640                         </xs:element>
641                     </xs:sequence>
642                     <xs:attribute name="Time" type="xs:float" use="required" />
643                 </xs:complexType>
644             </xs:element>
645         </xs:sequence>
646     <xs:attribute name="Type" use="required">
647         <xs:simpleType>
648             <xs:restriction base="xs:string">
649                 <xs:enumeration value="Custom" />
650                 <xs:enumeration value="Lock" />
651                 <xs:enumeration value="Unlock" />
652                 <xs:enumeration value="LampOn" />
653                 <xs:enumeration value="LampOff" />
654                 <xs:enumeration value="LampModeNormal" />

```

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657         <xs:enumeration value="LampModeLowPower" />
658         <xs:enumeration value="ResetComplete" />
659         <xs:enumeration value="ResetPanTilt" />
660         <xs:enumeration value="ResetColour" />
661         <xs:enumeration value="ResetGobo" />
662         <xs:enumeration value="ResetStrobe" />
663         <xs:enumeration value="ResetFocus" />
664         <xs:enumeration value="ResetZoom" />
665         <xs:enumeration value="ResetFrost" />
666         <xs:enumeration value="ResetIris" />
667         <xs:enumeration value="ResetAllInternal" />
668         <xs:enumeration value="FanModeSlow" />
669         <xs:enumeration value="FanModeFast" />
670     </xs:restriction>
671 </xs:simpleType>
672 </xs:attribute>
673 <xs:attribute name="CustomGroupName" type="xs:string" use="optional" />
674
675     <xs:attribute name="CustomName" type="xs:string" use="optional" />
676
677 </xs:complexType>
678 </xs:element>
679 </xs:sequence>
680 <xs:attribute name="Identifier" type="xs:string" use="required"/>
681 <xs:attribute name="Name" type="xs:string" use="required"/>
682 <xs:attribute name="ControllerIndex" type="xs:unsignedInt" use="required"/>
683
684 <xs:attribute name="ControllerName" type="xs:string" use="optional"/>
685 <xs:attribute name="DmxChannels" type="xs:unsignedInt" use="required"/>
686 </xs:complexType>
687 </xs:element>
688 </xs:sequence>
689 <xs:attribute name="Identifier" type="xs:string" use="required"/>
690 <xs:attribute name="Version" type="xs:unsignedInt" use="required"/>
691 <xs:attribute name="VersionDate" type="xs:date" use="required"/>
692 <xs:attribute name="Brand" type="xs:string" use="required"/>
693 <xs:attribute name="Name" type="xs:string" use="required"/>
694 <xs:attribute name="Visibility" type="cef:tVisibility" use="required" />
695 <xs:attribute name="PartNo" type="xs:string" use="optional"/>
696 </xs:complexType>
697
698 <xs:complexType name="tFixtureColorFlag">
699     <xs:sequence>
700         <xs:element name="Color" type="cef:tFilterColor" minOccurs="1" maxOccurs="1" />
701         <xs:element name="CCT" type="xs:int" minOccurs="0" maxOccurs="1" />
702     </xs:sequence>
703 </xs:complexType>
704
705 <xs:simpleType name="tFixtureAxisName">
706     <xs:restriction base="xs:string">
707         <xs:enumeration value="Pan" />
708         <xs:enumeration value="Tilt" />
709         <xs:enumeration value="Pitch" />
710     </xs:restriction>
711 </xs:simpleType>
712
713 <xs:complexType name="tFixtureLightSourceColour">
714     <xs:sequence>
715         <xs:element name="sRGB" minOccurs="1" maxOccurs="1">
716             <xs:complexType>
717                 <xs:attribute name="Red" type="xs:unsignedByte" use="required" />
718                 <xs:attribute name="Green" type="xs:unsignedByte" use="required" />
719                 <xs:attribute name="Blue" type="xs:unsignedByte" use="required" />
720             </xs:complexType>
721         </xs:element>
722         <xs:element name="CIE1931" minOccurs="0" maxOccurs="1">
723             <xs:complexType>
724                 <xs:attribute name="x" type="xs:float" use="required" />
725                 <xs:attribute name="y" type="xs:float" use="required" />

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655         <xs:enumeration value="LampModeLowPower" />
656         <xs:enumeration value="ResetComplete" />
657         <xs:enumeration value="ResetPanTilt" />
658         <xs:enumeration value="ResetColour" />
659         <xs:enumeration value="ResetGobo" />
660         <xs:enumeration value="ResetStrobe" />
661         <xs:enumeration value="ResetFocus" />
662         <xs:enumeration value="ResetZoom" />
663         <xs:enumeration value="ResetFrost" />
664         <xs:enumeration value="ResetIris" />
665         <xs:enumeration value="ResetAllInternal" />
666         <xs:enumeration value="FanModeSlow" />
667         <xs:enumeration value="FanModeFast" />
668     </xs:restriction>
669 </xs:simpleType>
670 </xs:attribute>
671 <xs:attribute name="CustomGroupName" type="xs:string" use=
672 "optional" />
673
674     <xs:attribute name="CustomName" type="xs:string" use="opti
675 onal" />
676
677 </xs:complexType>
678 </xs:element>
679 </xs:sequence>
680 <xs:attribute name="Identifier" type="xs:string" use="required"/>
681 <xs:attribute name="Name" type="xs:string" use="required"/>
682 <xs:attribute name="ControllerIndex" type="xs:unsignedInt" use="requir
683 ed"/>
684
685 <xs:attribute name="ControllerName" type="xs:string" use="optional"/>
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689 </xs:sequence>
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692 <xs:attribute name="VersionDate" type="xs:date" use="required"/>
693 <xs:attribute name="Brand" type="xs:string" use="required"/>
694 <xs:attribute name="Name" type="xs:string" use="required"/>
695 <xs:attribute name="Visibility" type="cef:tVisibility" use="required" />
696 <xs:attribute name="PartNo" type="xs:string" use="optional"/>
697 </xs:complexType>
698
699 <xs:complexType name="tFixtureColorFlag">
700     <xs:sequence>
701         <xs:element name="Color" type="cef:tFilterColor" minOccurs="1" maxOccurs="1" />
702         <xs:element name="CCT" type="xs:int" minOccurs="0" maxOccurs="1" />
703     </xs:sequence>
704 </xs:complexType>
705
706 <xs:simpleType name="tFixtureAxisName">
707     <xs:restriction base="xs:string">
708         <xs:enumeration value="Pan" />
709         <xs:enumeration value="Tilt" />
710         <xs:enumeration value="Pitch" />
711     </xs:restriction>
712 </xs:simpleType>
713
714 <xs:complexType name="tFixtureLightSourceColour">
715     <xs:sequence>
716         <xs:element name="sRGB" minOccurs="1" maxOccurs="1">
717             <xs:complexType>
718                 <xs:attribute name="Red" type="xs:unsignedByte" use="required" />
719                 <xs:attribute name="Green" type="xs:unsignedByte" use="required" />
720                 <xs:attribute name="Blue" type="xs:unsignedByte" use="required" />
721             </xs:complexType>
722         </xs:element>
723         <xs:element name="CIE1931" minOccurs="0" maxOccurs="1">
724             <xs:complexType>
725                 <xs:attribute name="x" type="xs:float" use="required" />
726                 <xs:attribute name="y" type="xs:float" use="required" />

```

```

723     <xs:attribute name="Y" type="xs:float" use="required" />
724   </xs:complexType>
725 </xs:element>
726 </xs:sequence>
727   <xs:attribute name="Name" type="xs:string" use="optional" />
728 </xs:complexType>
729
730 <xs:complexType name="tFixtureLightSourceOpticTraits">
731   <xs:sequence>
732     <xs:element name="HorizontalFieldAngle" type="xs:float" minOccurs="1" maxOccurs="1"
/>
733     <xs:element name="VerticalFieldAngle" type="xs:float" minOccurs="1" maxOccurs="1" />
734     <xs:element name="Photometrics" minOccurs="0" maxOccurs="1">
735       <xs:complexType>
736         <xs:sequence>
737           <xs:element name="LuminousFlux" type="xs:float" minOccurs="1" maxOccurs="1" />
738         </xs:sequence>
739       </xs:complexType>
740     </xs:element>
741   </xs:sequence>
742 </xs:complexType>
743
744 <!-- Media server -->
745 <xs:complexType name="tMediaServer">
746   <xs:sequence>
747     <xs:element name="Layers" minOccurs="1" maxOccurs="1">
748       <xs:complexType>
749         <xs:sequence>
750           <xs:element name="Layer" type="cef:tMediaServerLayer" minOccurs="0" maxOccurs="
unbounded" />
751         </xs:sequence>
752       </xs:complexType>
753     </xs:element>
754     <xs:element name="Lists" minOccurs="1" maxOccurs="1">
755       <xs:complexType>
756         <xs:sequence>
757           <xs:element name="List" type="cef:tMediaServerList" minOccurs="0" maxOccurs="u
nbounded" />
758         </xs:sequence>
759       </xs:complexType>
760     </xs:element>
761   </xs:sequence>
762   <xs:attribute name="Identifier" type="xs:string" use="required"/>
763   <xs:attribute name="Version" type="xs:unsignedInt" use="required"/>
764   <xs:attribute name="VersionDate" type="xs:date" use="required"/>
765   <xs:attribute name="Brand" type="xs:string" use="required" />
766   <xs:attribute name="Name" type="xs:string" use="required" />
767 </xs:complexType>
768
769 <xs:complexType name="tMediaServerLayer">
770   <xs:sequence>
771     <xs:element name="Channels" minOccurs="1" maxOccurs="1">
772       <xs:complexType>
773         <xs:sequence>
774           <xs:element name="Channel" minOccurs="1" maxOccurs="512">
775             <xs:complexType>
776               <xs:choice minOccurs="0" maxOccurs="unbounded">
777                 <xs:element name="DimmerRange" type="cef:tMediaServerDimmerRange" />
778                 <xs:element name="Range" type="cef:tMediaServerRange" />
779                 <xs:element name="Snap" type="cef:tMediaServerSnap" />
780               </xs:choice>
781               <xs:attribute name="Name" type="xs:string" use="required" />
782               <xs:attribute name="Default" type="xs:unsignedInt" use="required" />
783               <xs:attribute name="Bits" use="optional">
784                 <xs:simpleType>
785                   <xs:restriction base="xs:int">
786                     <xs:enumeration value="8" />

```

```

721     <xs:attribute name="Y" type="xs:float" use="required" />
722   </xs:complexType>
723 </xs:element>
724 </xs:sequence>
725   <xs:attribute name="Name" type="xs:string" use="optional" />
726 </xs:complexType>
727
728 <xs:complexType name="tFixtureLightSourceOpticTraits">
729   <xs:sequence>
730     <xs:element name="HorizontalFieldAngle" type="xs:float" minOccurs="1" maxOccur
s="1" />
731     <xs:element name="VerticalFieldAngle" type="xs:float" minOccurs="1" maxOccurs="
1" />
732     <xs:element name="Photometrics" minOccurs="0" maxOccurs="1">
733       <xs:complexType>
734         <xs:sequence>
735           <xs:element name="LuminousFlux" type="xs:float" minOccurs="1" maxO
ccurs="1" />
736         </xs:sequence>
737       </xs:complexType>
738     </xs:element>
739   </xs:sequence>
740 </xs:complexType>
741

```



```

787         <xs:enumeration value="16" />
788         <xs:enumeration value="24" />
789         <xs:enumeration value="32" />
790     </xs:restriction>
791 </xs:simpleType>
792 </xs:attribute>
793 <xs:attribute name="Table" type="xs:string" use="optional" />
794 <xs:attribute name="TableFunction" use="optional">
795     <xs:simpleType>
796         <xs:restriction base="xs:string">
797             <xs:enumeration value="Selector" />
798             <xs:enumeration value="Parameter" />
799         </xs:restriction>
800     </xs:simpleType>
801 </xs:attribute>
802 <xs:attribute name="TableParameterName" type="xs:string" use="optional" />
803 <xs:attribute name="CITPMediaType" use="optional">
804     <xs:simpleType>
805         <xs:restriction base="xs:string">
806             <xs:enumeration value="Media" />
807             <xs:enumeration value="Effects" />
808             <xs:enumeration value="Cues" />
809             <xs:enumeration value="Crossfades" />
810             <xs:enumeration value="Masks" />
811             <xs:enumeration value="Blend Presets" />
812             <xs:enumeration value="Effect Presets" />
813             <xs:enumeration value="Image Presets" />
814             <xs:enumeration value="3D Meshes" />
815         </xs:restriction>
816     </xs:simpleType>
817 </xs:attribute>
818 <xs:attribute name="CITPMediaLevel" use="optional">
819     <xs:simpleType>
820         <xs:restriction base="xs:int">
821             <xs:minInclusive value="1" />
822             <xs:maxInclusive value="4" />
823         </xs:restriction>
824     </xs:simpleType>
825 </xs:attribute>
826 <xs:attribute name="CITPPParameterIndex" type="xs:byte" use="optional" />
827 </xs:complexType>
828 </xs:element>
829 </xs:sequence>
830 </xs:complexType>
831 </xs:element>
832 </xs:sequence>
833 <xs:attribute name="Identifier" type="xs:string" use="required"/>
834 <xs:attribute name="Name" type="xs:string" use="required" />
835 </xs:complexType>
836
837 <xs:complexType name="tMediaServerDimmerRange">
838     <xs:attribute name="Start" type="xs:unsignedInt" use="required" />
839     <xs:attribute name="End" type="xs:unsignedInt" use="required" />
840     <xs:attribute name="DimmerFrom" use="required">
841         <xs:simpleType>
842             <xs:restriction base="xs:float">
843                 <xs:minInclusive value="0" />
844                 <xs:maxInclusive value="1" />
845             </xs:restriction>
846         </xs:simpleType>
847     </xs:attribute>
848     <xs:attribute name="DimmerTo" use="required">
849         <xs:simpleType>
850             <xs:restriction base="xs:float">
851                 <xs:minInclusive value="0" />
852                 <xs:maxInclusive value="1" />
853             </xs:restriction>
854         </xs:simpleType>
855     </xs:attribute>

```

```

856 </xs:complexType>
857
858 <xs:complexType name="tMediaServerRange">
859   <xs:attribute name="Start" type="xs:unsignedInt" use="required" />
860   <xs:attribute name="End" type="xs:unsignedInt" use="required" />
861   <!-- Substitute ### with the 8-bit DMX level -->
862   <!-- Substitute ###.## with the 16-bit DMX level divided by 100 -->
863   <xs:attribute name="Text" type="xs:string" use="required" />
864   <xs:attribute name="From" type="xs:string" use="required" />
865   <xs:attribute name="To" type="xs:string" use="required" />
866 </xs:complexType>
867
868 <xs:complexType name="tMediaServerSnap">
869   <xs:attribute name="Start" type="xs:unsignedInt" use="required" />
870   <xs:attribute name="End" type="xs:unsignedInt" use="required" />
871   <!-- Substitute ### with the 8-bit DMX level -->
872   <!-- Substitute ###.## with the 16-bit DMX level divided by 100 -->
873   <xs:attribute name="Text" type="xs:string" use="required" />
874   <xs:attribute name="To" type="xs:string" use="optional" />
875 </xs:complexType>
876
877 <xs:complexType name="tMediaServerList">
878   <xs:sequence>
879     <xs:element name="Entry" minOccurs="1" maxOccurs="255">
880       <xs:complexType>
881         <xs:sequence>
882           <xs:element name="Parameter" minOccurs="0" maxOccurs="unbounded">
883             <xs:complexType>
884               <xs:attribute name="Name" type="xs:string" use="required" />
885               <xs:attribute name="Function" type="xs:string" use="required" />
886             </xs:complexType>
887           </xs:element>
888         </xs:sequence>
889         <xs:attribute name="Start" type="xs:unsignedByte" use="required" />
890         <xs:attribute name="End" type="xs:unsignedByte" use="required" />
891         <xs:attribute name="Name" type="xs:string" use="required" />
892       </xs:complexType>
893     </xs:element>
894   </xs:sequence>
895   <xs:attribute name="Name" type="xs:string" use="required" />
896 </xs:complexType>
897
898 <!-- Symbol -->
899 <xs:complexType name="tSymbol">
900   <xs:sequence>
901     <xs:element name="Shape" minOccurs="0" maxOccurs="unbounded">
902       <xs:complexType>
903         <xs:sequence>
904           <xs:element name="Point" minOccurs="2" maxOccurs="unbounded">
905             <xs:complexType>
906               <xs:attribute name="X" type="xs:float" use="required" />
907               <xs:attribute name="Y" type="xs:float" use="required" />
908             </xs:complexType>
909           </xs:element>
910         </xs:sequence>
911         <xs:attribute name="Type" use="required">
912           <xs:simpleType>
913             <xs:restriction base="xs:string">
914               <xs:enumeration value="Fill" />
915               <xs:enumeration value="Line" />
916             </xs:restriction>
917           </xs:simpleType>
918         </xs:attribute>
919       </xs:complexType>
920     </xs:element>
921   </xs:sequence>
922   <xs:attribute name="Identifier" type="xs:string" use="required"/>
923   <xs:attribute name="Version" type="xs:unsignedInt" use="required"/>
924   <xs:attribute name="VersionDate" type="xs:date" use="required"/>

```

```

742 <!-- Symbol -->
743 <xs:complexType name="tSymbol">
744   <xs:sequence>
745     <xs:element name="Shape" minOccurs="0" maxOccurs="unbounded">
746       <xs:complexType>
747         <xs:sequence>
748           <xs:element name="Point" minOccurs="2" maxOccurs="unbounded">
749             <xs:complexType>
750               <xs:attribute name="X" type="xs:float" use="required" />
751               <xs:attribute name="Y" type="xs:float" use="required" />
752             </xs:complexType>
753           </xs:element>
754         </xs:sequence>
755         <xs:attribute name="Type" use="required">
756           <xs:simpleType>
757             <xs:restriction base="xs:string">
758               <xs:enumeration value="Fill" />
759               <xs:enumeration value="Line" />
760             </xs:restriction>
761           </xs:simpleType>
762         </xs:attribute>
763       </xs:complexType>
764     </xs:element>
765   </xs:sequence>
766   <xs:attribute name="Identifier" type="xs:string" use="required"/>
767   <xs:attribute name="Version" type="xs:unsignedInt" use="required"/>
768   <xs:attribute name="VersionDate" type="xs:date" use="required"/>

```



```
1063 <xs:complexType>
1064 <xs:attribute name="x" type="xs:float" use="required" />
1065 <xs:attribute name="y" type="xs:float" use="required" />
1066 <xs:attribute name="Y" type="xs:float" use="required" />
1067 <xs:attribute name="K" type="xs:unsignedShort" use="required" />
1068 </xs:complexType>
1069 </xs:element>
1070 </xs:sequence>
1071 <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1072 <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1073 <xs:attribute name="Layer" type="cef:tControlLayer" use="optional"/>
1074 <xs:attribute name="Cell" type="xs:unsignedInt" use="required"/>
1075 <xs:attribute name="Mode" type="cef:tLightMode" use="required"/>
1076 <xs:attribute name="Index" type="xs:unsignedByte" use="optional"/>
1077 <xs:attribute name="Catalog" type="xs:unsignedByte" use="optional"/>
1078 <xs:attribute name="Text" type="xs:string" use="required" />
1079 </xs:complexType>
1080
1081 <xs:complexType name="tSetCellLightColorRenderingIndexLevelCommand">
1082 <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1083 <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1084 <xs:attribute name="Cell" type="xs:unsignedInt" use="required"/>
1085 <xs:attribute name="ToStartLevel" type="cef:tColorRenderingIndexRangeValue" use="required"/>
1086 <xs:attribute name="ToEndLevel" type="cef:tColorRenderingIndexRangeValue" use="required"/>
1087 </xs:complexType>
1088
1089 <xs:complexType name="tSetCellLightColorTemperatureLevelCommand">
1090 <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1091 <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1092 <xs:attribute name="Layer" type="cef:tControlLayer" use="optional"/>
1093 <xs:attribute name="Cell" type="xs:unsignedInt" use="required"/>
1094 <xs:attribute name="Mode" type="cef:tLightMode" use="required"/>
1095 <xs:attribute name="ToStartLevel" type="cef:tColorTemperatureRangeValue" use="required"/>
1096 <xs:attribute name="ToEndLevel" type="cef:tColorTemperatureRangeValue" use="required"/>
1097 </xs:complexType>
1098
1099 <xs:complexType name="tSetShutterCommand">
1100 <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1101 <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1102 <xs:attribute name="Layer" type="cef:tControlLayer" use="optional"/>
1103 <xs:attribute name="Cell" type="xs:unsignedInt" use="required"/>
1104 </xs:complexType>
1105
1106 <xs:complexType name="tSetShutterStrobeCommand">
1107 <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1108 <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1109 <xs:attribute name="Layer" type="cef:tControlLayer" use="optional"/>
1110 <xs:attribute name="Cell" type="xs:unsignedInt" use="required"/>
1111 <xs:attribute name="ToMode" type="cef:tStrobeMode" use="required"/>
1112 <xs:attribute name="ToTransition" type="cef:tStrobeTransition" use="required"/>
```

```
907 <xs:complexType>
908 <xs:attribute name="x" type="xs:float" use="required" />
909 <xs:attribute name="y" type="xs:float" use="required" />
910 <xs:attribute name="Y" type="xs:float" use="required" />
911 <xs:attribute name="K" type="xs:unsignedShort" use="required" />
912 </xs:complexType>
913 </xs:element>
914 </xs:sequence>
915 <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
916 <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
917 <xs:attribute name="Layer" type="cef:tControlLayer" use="optional"/>
918 <xs:attribute name="Cell" type="xs:unsignedInt" use="required"/>
919 <xs:attribute name="Mode" type="cef:tLightMode" use="required"/>
920 <xs:attribute name="Index" type="xs:unsignedByte" use="optional"/>
921 <xs:attribute name="Catalog" type="xs:unsignedByte" use="optional"/>
922 <xs:attribute name="Text" type="xs:string" use="required" />
923 </xs:complexType>
924
925 <xs:complexType name="tSetCellLightColorRenderingIndexLevelCommand">
926 <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
927 <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
928 <xs:attribute name="Cell" type="xs:unsignedInt" use="required"/>
929 <xs:attribute name="ToStartLevel" type="cef:tColorRenderingIndexRangeValue" use="required"/>
930 <xs:attribute name="ToEndLevel" type="cef:tColorRenderingIndexRangeValue" use="required"/>
931 </xs:complexType>
932
933 <xs:complexType name="tSetCellLightColorTemperatureLevelCommand">
934 <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
935 <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
936 <xs:attribute name="Layer" type="cef:tControlLayer" use="optional"/>
937 <xs:attribute name="Cell" type="xs:unsignedInt" use="required"/>
938 <xs:attribute name="Mode" type="cef:tLightMode" use="required"/>
939 <xs:attribute name="ToStartLevel" type="cef:tColorTemperatureRangeValue" use="required"/>
940 <xs:attribute name="ToEndLevel" type="cef:tColorTemperatureRangeValue" use="required"/>
941 </xs:complexType>
942
943 <xs:complexType name="tSetLightPixelModeCommand">
944 <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
945 <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
946 <xs:attribute name="Cell" type="xs:unsignedInt" use="required"/>
947 <xs:attribute name="ToMode" type="cef:tLightPixelMode" use="required"/>
948 </xs:complexType>
949
950 <xs:complexType name="tSetLightPixelMixLevelCommand">
951 <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
952 <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
953 <xs:attribute name="Cell" type="xs:unsignedInt" use="required"/>
954 <xs:attribute name="ToStartLevel" type="cef:tWideRangeValue" use="required"/>
955 <xs:attribute name="ToEndLevel" type="cef:tWideRangeValue" use="required"/>
956 </xs:complexType>
957
958 <xs:complexType name="tSetShutterCommand">
959 <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
960 <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
961 <xs:attribute name="Layer" type="cef:tControlLayer" use="optional"/>
962 <xs:attribute name="Cell" type="xs:unsignedInt" use="required"/>
963 </xs:complexType>
964
965 <xs:complexType name="tSetShutterStrobeCommand">
966 <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
967 <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
968 <xs:attribute name="Layer" type="cef:tControlLayer" use="optional"/>
969 <xs:attribute name="Cell" type="xs:unsignedInt" use="required"/>
970 <xs:attribute name="ToMode" type="cef:tStrobeMode" use="required"/>
971 <xs:attribute name="ToTransition" type="cef:tStrobeTransition" use="required"/>
```

```

1113 </xs:complexType>
1114
1115 <xs:complexType name="tSetShutterStrobeRateCommand">
1116   <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1117   <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1118   <xs:attribute name="Layer" type="cef:tControlLayer" use="optional"/>
1119   <xs:attribute name="Cell" type="xs:unsignedInt" use="required"/>
1120 </xs:complexType>
1121
1122 <xs:complexType name="tSetShutterStrobeVariableRateCommand">
1123   <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1124   <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1125   <xs:attribute name="Layer" type="cef:tControlLayer" use="optional"/>
1126   <xs:attribute name="Cell" type="xs:unsignedInt" use="required"/>
1127   <xs:attribute name="ToStartLevelRate" type="cef:tSimpleRangeValue" use="required"/>
1128   <xs:attribute name="ToEndLevelRate" type="cef:tSimpleRangeValue" use="required"/>
1129 </xs:complexType>
1130
1131 <xs:complexType name="tSetShutterStrobeDurationCommand">
1132   <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1133   <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1134   <xs:attribute name="Layer" type="cef:tControlLayer" use="optional"/>
1135   <xs:attribute name="Cell" type="xs:unsignedInt" use="required"/>
1136   <xs:attribute name="ToTiming" use="required">
1137     <xs:simpleType>
1138       <xs:restriction base="xs:string">
1139         <xs:enumeration value="Absolute" />
1140         <xs:enumeration value="Relative" />
1141       </xs:restriction>
1142     </xs:simpleType>
1143   </xs:attribute>
1144   <xs:attribute name="ToStartLevelDuration" type="cef:tSimpleRangeValue" use="required"/>
1145   <xs:attribute name="ToEndLevelDuration" type="cef:tSimpleRangeValue" use="required"/>
1146 </xs:complexType>
1147
1148 <xs:complexType name="tSetFocusModeCommand">
1149   <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1150   <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1151   <xs:attribute name="ToMode" use="required">
1152     <xs:simpleType>
1153       <xs:restriction base="xs:string">
1154         <xs:enumeration value="Normal" />
1155         <xs:enumeration value="Auto" />
1156       </xs:restriction>
1157     </xs:simpleType>
1158   </xs:attribute>
1159 </xs:complexType>
1160
1161 <xs:complexType name="tSetFrostLevelCommand">
1162   <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1163   <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1164   <xs:attribute name="FrostIndex" type="cef:tFrostIndex" use="required"/>
1165   <xs:attribute name="ToStartLevel" type="cef:tSimpleRangeValue" use="required"/>
1166   <xs:attribute name="ToEndLevel" type="cef:tSimpleRangeValue" use="required"/>
1167 </xs:complexType>
1168
1169 <xs:complexType name="tSetFrostStrobeCommand">
1170   <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1171   <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1172   <xs:attribute name="FrostIndex" type="cef:tFrostIndex" use="required"/>
1173   <xs:attribute name="ToMode" type="cef:tStrobeMode" use="required"/>
1174   <xs:attribute name="ToTransition" type="cef:tStrobeTransition" use="required"/>
1175   <xs:attribute name="ToStartLevelRate" type="cef:tSimpleRangeValue" use="required"/>
1176   <xs:attribute name="ToEndLevelRate" type="cef:tSimpleRangeValue" use="required"/>
1177 </xs:complexType>
1178
1179 <xs:complexType name="tCustomFrostCommand">
972 </xs:complexType>
973
974 <xs:complexType name="tSetShutterStrobeRateCommand">
975   <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
976   <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
977   <xs:attribute name="Layer" type="cef:tControlLayer" use="optional"/>
978   <xs:attribute name="Cell" type="xs:unsignedInt" use="required"/>
979 </xs:complexType>
980
981 <xs:complexType name="tSetShutterStrobeVariableRateCommand">
982   <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
983   <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
984   <xs:attribute name="Layer" type="cef:tControlLayer" use="optional"/>
985   <xs:attribute name="Cell" type="xs:unsignedInt" use="required"/>
986   <xs:attribute name="ToStartLevelRate" type="cef:tSimpleRangeValue" use="required"/>
987   <xs:attribute name="ToEndLevelRate" type="cef:tSimpleRangeValue" use="required"/>
988 </xs:complexType>
989
990 <xs:complexType name="tSetShutterStrobeDurationCommand">
991   <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
992   <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
993   <xs:attribute name="Layer" type="cef:tControlLayer" use="optional"/>
994   <xs:attribute name="Cell" type="xs:unsignedInt" use="required"/>
995   <xs:attribute name="ToTiming" use="required">
996     <xs:simpleType>
997       <xs:restriction base="xs:string">
998         <xs:enumeration value="Absolute" />
999         <xs:enumeration value="Relative" />
1000       </xs:restriction>
1001     </xs:simpleType>
1002   </xs:attribute>
1003   <xs:attribute name="ToStartLevelDuration" type="cef:tSimpleRangeValue" use="required"/>
1004   <xs:attribute name="ToEndLevelDuration" type="cef:tSimpleRangeValue" use="required"/>
1005 </xs:complexType>
1006
1007 <xs:complexType name="tSetFocusModeCommand">
1008   <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1009   <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1010   <xs:attribute name="ToMode" use="required">
1011     <xs:simpleType>
1012       <xs:restriction base="xs:string">
1013         <xs:enumeration value="Normal" />
1014         <xs:enumeration value="Auto" />
1015       </xs:restriction>
1016     </xs:simpleType>
1017   </xs:attribute>
1018 </xs:complexType>
1019
1020 <xs:complexType name="tSetFrostLevelCommand">
1021   <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1022   <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1023   <xs:attribute name="FrostIndex" type="cef:tFrostIndex" use="required"/>
1024   <xs:attribute name="ToStartLevel" type="cef:tSimpleRangeValue" use="required"/>
1025   <xs:attribute name="ToEndLevel" type="cef:tSimpleRangeValue" use="required"/>
1026 </xs:complexType>
1027
1028 <xs:complexType name="tSetFrostStrobeCommand">
1029   <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1030   <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1031   <xs:attribute name="FrostIndex" type="cef:tFrostIndex" use="required"/>
1032   <xs:attribute name="ToMode" type="cef:tStrobeMode" use="required"/>
1033   <xs:attribute name="ToTransition" type="cef:tStrobeTransition" use="required"/>
1034   <xs:attribute name="ToStartLevelRate" type="cef:tSimpleRangeValue" use="required"/>
1035   <xs:attribute name="ToEndLevelRate" type="cef:tSimpleRangeValue" use="required"/>
1036 </xs:complexType>
1037
1038 <xs:complexType name="tCustomFrostCommand">

```



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1249     <xs:attribute name="ToEndLevelPosition" type="xs:float" use="required"/>
1250 </xs:complexType>
1251
1252 <xs:complexType name="tSetWheelDepthStrobeCommand">
1253     <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1254     <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1255     <xs:attribute name="WheelIndex" type="cef:tWheelIndex" use="required"/>
1256     <xs:attribute name="ToTransition" type="cef:tStrobeTransition" use="required"/>
1257     <xs:attribute name="ToStartLevelRate" type="cef:tSimpleRangeValue" use="required"/>
1258     <xs:attribute name="ToEndLevelRate" type="cef:tSimpleRangeValue" use="required"/>
1259 </xs:complexType>
1260
1261 <xs:complexType name="tSetWheelDepthOrientationCommand">
1262     <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1263     <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1264     <xs:attribute name="WheelIndex" type="cef:tWheelIndex" use="required"/>
1265     <xs:attribute name="ToStartLevelOrientation" type="xs:float" use="required"/>
1266     <xs:attribute name="ToEndLevelOrientation" type="xs:float" use="required"/>
1267 </xs:complexType>
1268
1269 <xs:complexType name="tSetWheelFrameModeCommand">
1270     <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1271     <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1272     <xs:attribute name="WheelIndex" type="cef:tWheelIndex" use="required"/>
1273     <xs:attribute name="ToMode" type="cef:tWheelFrameMode" use="required"/>
1274 </xs:complexType>
1275
1276 <xs:complexType name="tSetWheelFrameSpinDirectionCommand">
1277     <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1278     <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1279     <xs:attribute name="WheelIndex" type="cef:tWheelIndex" use="required"/>
1280     <xs:attribute name="ToDirection" type="cef:tWheelSpinDirection" use="required"/>
1281 </xs:complexType>
1282
1283 <xs:complexType name="tSetWheelFramePositionCommand">
1284     <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1285     <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1286     <xs:attribute name="WheelIndex" type="cef:tWheelIndex" use="required"/>
1287     <xs:attribute name="Mode" type="cef:tWheelFrameMode" use="required"/>
1288     <xs:attribute name="ToStartLevelPosition" type="xs:float" use="required"/>
1289     <xs:attribute name="ToEndLevelPosition" type="xs:float" use="required"/>
1290 </xs:complexType>
1291
1292 <xs:complexType name="tSetWheelFrameSpeedCommand">
1293     <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1294     <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1295     <xs:attribute name="WheelIndex" type="cef:tWheelIndex" use="required"/>
1296     <xs:attribute name="Mode" type="cef:tWheelFrameMode" use="required"/>
1297     <xs:attribute name="ToStartLevelSpeed" type="xs:float" use="required"/>
1298     <xs:attribute name="ToEndLevelSpeed" type="xs:float" use="required"/>
1299 </xs:complexType>
1300
1301 <xs:complexType name="tCustomWheelCommand">
1302     <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1303     <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1304     <xs:attribute name="WheelIndex" type="cef:tWheelIndex" use="optional"/>
1305     <xs:attribute name="Usage" use="required">
1306         <xs:simpleType>
1307             <xs:restriction base="xs:string">
1308                 <xs:enumeration value="Snap" />
1309                 <xs:enumeration value="Range" />
1310             </xs:restriction>
1311         </xs:simpleType>
1312     </xs:attribute>
1313     <xs:attribute name="Description" type="xs:string" use="required"/>
1314     <xs:attribute name="ShortDescription" type="xs:string" use="optional"/>
1315     <xs:attribute name="From" type="xs:string" use="optional"/>
1316     <xs:attribute name="To" type="xs:string" use="optional"/>
1317 </xs:complexType>

```

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1108     <xs:attribute name="ToEndLevelPosition" type="xs:float" use="required"/>
1109 </xs:complexType>
1110
1111 <xs:complexType name="tSetWheelDepthStrobeCommand">
1112     <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1113     <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1114     <xs:attribute name="WheelIndex" type="cef:tWheelIndex" use="required"/>
1115     <xs:attribute name="ToTransition" type="cef:tStrobeTransition" use="required"/>
1116     <xs:attribute name="ToStartLevelRate" type="cef:tSimpleRangeValue" use="required"/>
1117     <xs:attribute name="ToEndLevelRate" type="cef:tSimpleRangeValue" use="required"/>
1118 </xs:complexType>
1119
1120 <xs:complexType name="tSetWheelDepthOrientationCommand">
1121     <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1122     <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1123     <xs:attribute name="WheelIndex" type="cef:tWheelIndex" use="required"/>
1124     <xs:attribute name="ToStartLevelOrientation" type="xs:float" use="required"/>
1125     <xs:attribute name="ToEndLevelOrientation" type="xs:float" use="required"/>
1126 </xs:complexType>
1127
1128 <xs:complexType name="tSetWheelFrameModeCommand">
1129     <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1130     <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1131     <xs:attribute name="WheelIndex" type="cef:tWheelIndex" use="required"/>
1132     <xs:attribute name="ToMode" type="cef:tWheelFrameMode" use="required"/>
1133 </xs:complexType>
1134
1135 <xs:complexType name="tSetWheelFrameSpinDirectionCommand">
1136     <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1137     <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1138     <xs:attribute name="WheelIndex" type="cef:tWheelIndex" use="required"/>
1139     <xs:attribute name="ToDirection" type="cef:tWheelSpinDirection" use="required"/>
1140 </xs:complexType>
1141
1142 <xs:complexType name="tSetWheelFramePositionCommand">
1143     <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1144     <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1145     <xs:attribute name="WheelIndex" type="cef:tWheelIndex" use="required"/>
1146     <xs:attribute name="Mode" type="cef:tWheelFrameMode" use="required"/>
1147     <xs:attribute name="ToStartLevelPosition" type="xs:float" use="required"/>
1148     <xs:attribute name="ToEndLevelPosition" type="xs:float" use="required"/>
1149 </xs:complexType>
1150
1151 <xs:complexType name="tSetWheelFrameSpeedCommand">
1152     <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1153     <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1154     <xs:attribute name="WheelIndex" type="cef:tWheelIndex" use="required"/>
1155     <xs:attribute name="Mode" type="cef:tWheelFrameMode" use="required"/>
1156     <xs:attribute name="ToStartLevelSpeed" type="xs:float" use="required"/>
1157     <xs:attribute name="ToEndLevelSpeed" type="xs:float" use="required"/>
1158 </xs:complexType>
1159
1160 <xs:complexType name="tCustomWheelCommand">
1161     <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1162     <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1163     <xs:attribute name="WheelIndex" type="cef:tWheelIndex" use="optional"/>
1164     <xs:attribute name="Usage" use="required">
1165         <xs:simpleType>
1166             <xs:restriction base="xs:string">
1167                 <xs:enumeration value="Snap" />
1168                 <xs:enumeration value="Range" />
1169             </xs:restriction>
1170         </xs:simpleType>
1171     </xs:attribute>
1172     <xs:attribute name="Description" type="xs:string" use="required"/>
1173     <xs:attribute name="ShortDescription" type="xs:string" use="optional"/>
1174     <xs:attribute name="From" type="xs:string" use="optional"/>
1175     <xs:attribute name="To" type="xs:string" use="optional"/>
1176 </xs:complexType>

```



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1318
1319 <xs:complexType name="tSetFramingShutterDepthCommand">
1320 <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1321 <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1322 <xs:attribute name="Index" type="cef:tFramingShutterIndex" use="required"/>
1323 <xs:attribute name="ToStartLevelDepth" type="cef:tFramingShutterDepthValue" use="required"/>
1324 <xs:attribute name="ToEndLevelDepth" type="cef:tFramingShutterDepthValue" use="required"/>
1325 </xs:complexType>
1326
1327 <xs:complexType name="tSetFramingShutterAngleCommand">
1328 <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1329 <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1330 <xs:attribute name="Index" type="cef:tFramingShutterIndex" use="required"/>
1331 <xs:attribute name="ToStartLevelAngle" type="cef:tFramingShutterAngleValue" use="required"/>
1332 <xs:attribute name="ToEndLevelAngle" type="cef:tFramingShutterAngleValue" use="required"/>
1333 </xs:complexType>
1334
1335 <xs:complexType name="tSetFramingShutterPackageAngleCommand">
1336 <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1337 <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1338 <xs:attribute name="ToStartLevelAngle" type="xs:float" use="required"/>
1339 <xs:attribute name="ToEndLevelAngle" type="xs:float" use="required"/>
1340 </xs:complexType>
1341
1342 <xs:complexType name="tSetMotionModeCommand">
1343 <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1344 <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1345 <xs:attribute name="Index" type="cef:tAxisIndex" use="required"/>
1346 <xs:attribute name="ToMode" use="required">
1347 <xs:simpleType>
1348 <xs:restriction base="xs:string">
1349 <xs:enumeration value="Indexed" />
1350 <xs:enumeration value="Spinning" />
1351 </xs:restriction>
1352 </xs:simpleType>
1353 </xs:attribute>
1354 </xs:complexType>
1355
1356 <xs:complexType name="tMotionCommand">
1357 <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1358 <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1359 <xs:attribute name="Layer" type="cef:tControlLayer" use="optional"/>
1360 <xs:attribute name="Index" type="cef:tAxisIndex" use="required"/>
1361 </xs:complexType>
```

```
1177
1178 <xs:complexType name="tSetFramingShutterDepthCommand">
1179 <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1180 <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1181 <xs:attribute name="Index" type="cef:tFramingShutterIndex" use="required"/>
1182 <xs:attribute name="ToStartLevelDepth" type="cef:tFramingShutterDepthValue" use="required"/>
1183 <xs:attribute name="ToEndLevelDepth" type="cef:tFramingShutterDepthValue" use="required"/>
1184 </xs:complexType>
1185
1186 <xs:complexType name="tSetFramingShutterAngleCommand">
1187 <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1188 <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1189 <xs:attribute name="Index" type="cef:tFramingShutterIndex" use="required"/>
1190 <xs:attribute name="ToStartLevelAngle" type="cef:tFramingShutterAngleValue" use="required"/>
1191 <xs:attribute name="ToEndLevelAngle" type="cef:tFramingShutterAngleValue" use="required"/>
1192 </xs:complexType>
1193
1194 <xs:complexType name="tSetFramingShutterPackageModeCommand">
1195 <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1196 <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1197 <xs:attribute name="ToMode" type="cef:tFramingShutterPackageMode" use="required"/>
1198 </xs:complexType>
1199
1200 <xs:complexType name="tSetFramingShutterPackageAngleCommand">
1201 <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1202 <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1203 <xs:attribute name="ToStartLevelAngle" type="xs:float" use="required"/>
1204 <xs:attribute name="ToEndLevelAngle" type="xs:float" use="required"/>
1205 </xs:complexType>
1206
1207 <xs:complexType name="tSetFramingShutterPackageSpinDirectionCommand">
1208 <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1209 <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1210 <xs:attribute name="ToDirection" type="cef:tFramingShutterPackageSpinDirection" use="required"/>
1211 </xs:complexType>
1212
1213 <xs:complexType name="tSetFramingShutterPackageSpeedCommand">
1214 <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1215 <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1216 <xs:attribute name="Mode" type="cef:tWheelFrameMode" use="required"/>
1217 <xs:attribute name="ToStartLevelSpeed" type="xs:float" use="required"/>
1218 <xs:attribute name="ToEndLevelSpeed" type="xs:float" use="required"/>
1219 </xs:complexType>
1220
1221 <xs:complexType name="tSetMotionModeCommand">
1222 <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1223 <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1224 <xs:attribute name="Index" type="cef:tAxisIndex" use="required"/>
1225 <xs:attribute name="ToMode" use="required">
1226 <xs:simpleType>
1227 <xs:restriction base="xs:string">
1228 <xs:enumeration value="Indexed" />
1229 <xs:enumeration value="Spinning" />
1230 </xs:restriction>
1231 </xs:simpleType>
1232 </xs:attribute>
1233 </xs:complexType>
1234
1235 <xs:complexType name="tMotionCommand">
1236 <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1237 <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1238 <xs:attribute name="Layer" type="cef:tControlLayer" use="optional"/>
1239 <xs:attribute name="Index" type="cef:tAxisIndex" use="required"/>
1240 </xs:complexType>
```

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1362
1363 <xs:complexType name="tSetMotionDirectionCommand">
1364   <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1365   <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1366   <xs:attribute name="Index" type="cef:tAxisIndex" use="required"/>
1367   <xs:attribute name="ToDirection" use="required">
1368     <xs:simpleType>
1369       <xs:restriction base="xs:string">
1370         <xs:enumeration value="Reverse" />
1371         <xs:enumeration value="Forward" />
1372       </xs:restriction>
1373     </xs:simpleType>
1374   </xs:attribute>
1375 </xs:complexType>
1376
1377 <xs:complexType name="tMotionSpeedCommand">
1378   <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1379   <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1380   <xs:attribute name="Index" type="cef:tAxisIndex" use="required"/>
1381   <xs:attribute name="ToStartSpeed" type="cef:tWideRangeValue" use="required"/>
1382   <xs:attribute name="ToEndSpeed" type="cef:tWideRangeValue" use="required"/>
1383 </xs:complexType>
1384
1385 <xs:complexType name="tMotionTimeCommand">
1386   <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1387   <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1388   <xs:attribute name="Index" type="cef:tAxisIndex" use="required"/>
1389   <xs:attribute name="ToStartTime" type="cef:tTimeRangeValue" use="required"/>
1390   <xs:attribute name="ToEndTime" type="cef:tTimeRangeValue" use="required"/>
1391 </xs:complexType>
1392
1393 <xs:complexType name="tSetVectorPositionCommand">
1394   <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1395   <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1396   <xs:attribute name="Index" type="xs:unsignedInt" use="required"/>
1397   <xs:attribute name="ToStartPosition" type="cef:tUnboundedRangeValue" use="required"/>
1398   <xs:attribute name="ToEndPosition" type="cef:tUnboundedRangeValue" use="required"/>
1399 </xs:complexType>
1400
1401 <xs:complexType name="tSelectMacroCatalogCommand">
1402   <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1403   <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1404   <xs:attribute name="Catalog" type="xs:unsignedByte" use="required"/>
1405   <xs:attribute name="Text" type="xs:string" use="optional" />
1406 </xs:complexType>
1407
1408 <xs:complexType name="tSelectMacroCommand">
1409   <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1410   <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1411   <xs:attribute name="Catalog" type="xs:unsignedByte" use="optional"/>
1412   <xs:attribute name="Index" type="xs:unsignedByte" use="required"/>
1413   <xs:attribute name="Text" type="xs:string" use="optional" />
1414 </xs:complexType>
1415
1416 <xs:complexType name="tMacroParameterCommand">
1417   <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1418   <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1419   <xs:attribute name="Catalog" type="xs:unsignedByte" use="optional"/>
1420   <xs:attribute name="Index" type="xs:unsignedByte" use="required"/>
1421   <xs:attribute name="Usage" use="required">
1422     <xs:simpleType>
1423       <xs:restriction base="xs:string">
1424         <xs:enumeration value="Snap" />
1425         <xs:enumeration value="Range" />
1426       </xs:restriction>
1427     </xs:simpleType>
1428   </xs:attribute>
1429   <xs:attribute name="Description" type="xs:string" use="required"/>
1241
1242 <xs:complexType name="tSetMotionDirectionCommand">
1243   <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1244   <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1245   <xs:attribute name="Index" type="cef:tAxisIndex" use="required"/>
1246   <xs:attribute name="ToDirection" use="required">
1247     <xs:simpleType>
1248       <xs:restriction base="xs:string">
1249         <xs:enumeration value="Reverse" />
1250         <xs:enumeration value="Forward" />
1251       </xs:restriction>
1252     </xs:simpleType>
1253   </xs:attribute>
1254 </xs:complexType>
1255
1256 <xs:complexType name="tMotionSpeedCommand">
1257   <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1258   <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1259   <xs:attribute name="Index" type="cef:tAxisIndex" use="required"/>
1260   <xs:attribute name="ToStartSpeed" type="cef:tWideRangeValue" use="required"/>
1261   <xs:attribute name="ToEndSpeed" type="cef:tWideRangeValue" use="required"/>
1262 </xs:complexType>
1263
1264 <xs:complexType name="tMotionTimeCommand">
1265   <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1266   <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1267   <xs:attribute name="Index" type="cef:tAxisIndex" use="required"/>
1268   <xs:attribute name="ToStartTime" type="cef:tTimeRangeValue" use="required"/>
1269   <xs:attribute name="ToEndTime" type="cef:tTimeRangeValue" use="required"/>
1270 </xs:complexType>
1271
1272 <xs:complexType name="tSetVectorPositionCommand">
1273   <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1274   <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1275   <xs:attribute name="Index" type="xs:unsignedInt" use="required"/>
1276   <xs:attribute name="ToStartPosition" type="cef:tUnboundedRangeValue" use="required
"/>
1277   <xs:attribute name="ToEndPosition" type="cef:tUnboundedRangeValue" use="required"/>
1278 </xs:complexType>
1279
1280 <xs:complexType name="tSelectMacroCatalogCommand">
1281   <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1282   <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1283   <xs:attribute name="Catalog" type="xs:unsignedByte" use="required"/>
1284   <xs:attribute name="Text" type="xs:string" use="optional" />
1285 </xs:complexType>
1286
1287 <xs:complexType name="tSelectMacroCommand">
1288   <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1289   <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1290   <xs:attribute name="Catalog" type="xs:unsignedByte" use="optional"/>
1291   <xs:attribute name="Index" type="xs:unsignedByte" use="required"/>
1292   <xs:attribute name="Text" type="xs:string" use="optional" />
1293 </xs:complexType>
1294
1295 <xs:complexType name="tMacroParameterCommand">
1296   <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1297   <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1298   <xs:attribute name="Catalog" type="xs:unsignedByte" use="optional"/>
1299   <xs:attribute name="Index" type="xs:unsignedByte" use="required"/>
1300   <xs:attribute name="Usage" use="required">
1301     <xs:simpleType>
1302       <xs:restriction base="xs:string">
1303         <xs:enumeration value="Snap" />
1304         <xs:enumeration value="Range" />
1305       </xs:restriction>
1306     </xs:simpleType>
1307   </xs:attribute>
1308   <xs:attribute name="Description" type="xs:string" use="required"/>

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1430 <xs:attribute name="ShortDescription" type="xs:string" use="optional"/>
1431 <xs:attribute name="From" type="xs:string" use="optional"/>
1432 <xs:attribute name="To" type="xs:string" use="optional"/>
1433 </xs:complexType>
1434
1435 <xs:complexType name="tSetMacroDirectionCommand">
1436 <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1437 <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1438 <xs:attribute name="ToDirection" use="required">
1439 <xs:simpleType>
1440 <xs:restriction base="xs:string">
1441 <xs:enumeration value="Reverse" />
1442 <xs:enumeration value="Forward" />
1443 </xs:restriction>
1444 </xs:simpleType>
1445 </xs:attribute>
1446 </xs:complexType>
1447
1448 <xs:complexType name="tSetMacroRotationPositionCommand">
1449 <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1450 <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1451 <xs:attribute name="ToStartLevelAngle" use="required">
1452 <xs:simpleType>
1453 <xs:restriction base="xs:float">
1454 <xs:minInclusive value="0"/>
1455 <xs:maxInclusive value="360"/>
1456 </xs:restriction>
1457 </xs:simpleType>
1458 </xs:attribute>
1459 <xs:attribute name="ToEndLevelAngle" use="required">
1460 <xs:simpleType>
1461 <xs:restriction base="xs:float">
1462 <xs:minInclusive value="0"/>
1463 <xs:maxInclusive value="360"/>
1464 </xs:restriction>
1465 </xs:simpleType>
1466 </xs:attribute>
1467 </xs:complexType>
1468
1469 <xs:complexType name="tSetMacroRotationSpinCommand">
1470 <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1471 <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1472 <xs:attribute name="ToStartSpeed" type="cef:tWideRangeValue" use="required"/>
1473 <xs:attribute name="ToEndSpeed" type="cef:tWideRangeValue" use="required"/>
1474 </xs:complexType>
1475
1476 <xs:complexType name="tSetMacroRotationDirectionCommand">
1477 <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1478 <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1479 <xs:attribute name="ToDirection" use="required">
1480 <xs:simpleType>
1481 <xs:restriction base="xs:string">
1482 <xs:enumeration value="Reverse" />
1483 <xs:enumeration value="Forward" />
1484 </xs:restriction>
1485 </xs:simpleType>
1486 </xs:attribute>
1487 </xs:complexType>
1488
1489 <xs:complexType name="tSetMacroFadeTimeCommand">
1490 <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1491 <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1492 <xs:attribute name="ToStartTime" type="cef:tWideRangeValue" use="required"/>
1493 <xs:attribute name="ToEndTime" type="cef:tWideRangeValue" use="required"/>
1494 </xs:complexType>
1495
1496 <xs:complexType name="tSetLampModeCommand">
1497 <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1498 <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
```

```
1309 <xs:attribute name="ShortDescription" type="xs:string" use="optional"/>
1310 <xs:attribute name="From" type="xs:string" use="optional"/>
1311 <xs:attribute name="To" type="xs:string" use="optional"/>
1312 </xs:complexType>
1313
1314 <xs:complexType name="tSetMacroDirectionCommand">
1315 <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1316 <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1317 <xs:attribute name="ToDirection" use="required">
1318 <xs:simpleType>
1319 <xs:restriction base="xs:string">
1320 <xs:enumeration value="Reverse" />
1321 <xs:enumeration value="Forward" />
1322 </xs:restriction>
1323 </xs:simpleType>
1324 </xs:attribute>
1325 </xs:complexType>
1326
1327 <xs:complexType name="tSetMacroRotationPositionCommand">
1328 <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1329 <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1330 <xs:attribute name="ToStartLevelAngle" use="required">
1331 <xs:simpleType>
1332 <xs:restriction base="xs:float">
1333 <xs:minInclusive value="0"/>
1334 <xs:maxInclusive value="360"/>
1335 </xs:restriction>
1336 </xs:simpleType>
1337 </xs:attribute>
1338 <xs:attribute name="ToEndLevelAngle" use="required">
1339 <xs:simpleType>
1340 <xs:restriction base="xs:float">
1341 <xs:minInclusive value="0"/>
1342 <xs:maxInclusive value="360"/>
1343 </xs:restriction>
1344 </xs:simpleType>
1345 </xs:attribute>
1346 </xs:complexType>
1347
1348 <xs:complexType name="tSetMacroRotationSpinCommand">
1349 <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1350 <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1351 <xs:attribute name="ToStartSpeed" type="cef:tWideRangeValue" use="required"/>
1352 <xs:attribute name="ToEndSpeed" type="cef:tWideRangeValue" use="required"/>
1353 </xs:complexType>
1354
1355 <xs:complexType name="tSetMacroRotationDirectionCommand">
1356 <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1357 <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1358 <xs:attribute name="ToDirection" use="required">
1359 <xs:simpleType>
1360 <xs:restriction base="xs:string">
1361 <xs:enumeration value="Reverse" />
1362 <xs:enumeration value="Forward" />
1363 </xs:restriction>
1364 </xs:simpleType>
1365 </xs:attribute>
1366 </xs:complexType>
1367
1368 <xs:complexType name="tSetMacroFadeTimeCommand">
1369 <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1370 <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1371 <xs:attribute name="ToStartTime" type="cef:tWideRangeValue" use="required"/>
1372 <xs:attribute name="ToEndTime" type="cef:tWideRangeValue" use="required"/>
1373 </xs:complexType>
1374
1375 <xs:complexType name="tSetLampModeCommand">
1376 <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1377 <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
```

```
1499 <xs:attribute name="ToMode" use="required">
1500 <xs:simpleType>
1501 <xs:restriction base="xs:string">
1502 <xs:enumeration value="Normal" />
1503 <xs:enumeration value="LowPower" />
1504 </xs:restriction>
1505 </xs:simpleType>
1506 </xs:attribute>
1507 </xs:complexType>
1508
1509 <xs:complexType name="tSetLaserStrobeCommand">
1510 <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1511 <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1512 <xs:attribute name="ToMode" type="cef:tStrobeMode" use="required"/>
1513 <xs:attribute name="ToStartLevelRate" type="cef:tSimpleRangeValue" use="required"/>
1514 <xs:attribute name="ToEndLevelRate" type="cef:tSimpleRangeValue" use="required"/>
1515 </xs:complexType>
1516
1517 <xs:complexType name="tSetFanModeCommand">
1518 <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1519 <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1520 <xs:attribute name="ToMode" use="required">
1521 <xs:simpleType>
1522 <xs:restriction base="xs:string">
1523 <xs:enumeration value="Fast" />
1524 <xs:enumeration value="Slow" />
1525 </xs:restriction>
1526 </xs:simpleType>
1527 </xs:attribute>
1528 </xs:complexType>
1529
1530 <xs:complexType name="tCustomCommand">
1531 <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1532 <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1533 <xs:attribute name="Usage" use="required">
1534 <xs:simpleType>
1535 <xs:restriction base="xs:string">
1536 <xs:enumeration value="Snap" />
1537 <xs:enumeration value="Range" />
1538 </xs:restriction>
1539 </xs:simpleType>
1540 </xs:attribute>
1541 <xs:attribute name="Description" type="xs:string" use="required"/>
1542 <xs:attribute name="ShortDescription" type="xs:string" use="optional"/>
1543 <xs:attribute name="From" type="xs:string" use="optional"/>
1544 <xs:attribute name="To" type="xs:string" use="optional"/>
1545 </xs:complexType>
1546
1547 <xs:complexType name="tCustomCellCommand">
1548 <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1549 <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1550 <xs:attribute name="Layer" type="cef:tControlLayer" use="optional"/>
1551 <xs:attribute name="Cell" type="xs:unsignedInt" use="optional"/>
1552 <xs:attribute name="Usage" use="required">
1553 <xs:simpleType>
1554 <xs:restriction base="xs:string">
1555 <xs:enumeration value="Snap" />
1556 <xs:enumeration value="Range" />
1557 </xs:restriction>
1558 </xs:simpleType>
1559 </xs:attribute>
1560 <xs:attribute name="Description" type="xs:string" use="required"/>
1561 <xs:attribute name="ShortDescription" type="xs:string" use="optional"/>
1562 <xs:attribute name="From" type="xs:string" use="optional"/>
1563 <xs:attribute name="To" type="xs:string" use="optional"/>
1564 </xs:complexType>
1565
1566 <xs:complexType name="tResetCommand">
1567 <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
```

```
1378 <xs:attribute name="ToMode" use="required">
1379 <xs:simpleType>
1380 <xs:restriction base="xs:string">
1381 <xs:enumeration value="Normal" />
1382 <xs:enumeration value="LowPower" />
1383 </xs:restriction>
1384 </xs:simpleType>
1385 </xs:attribute>
1386 </xs:complexType>
1387
1388 <xs:complexType name="tSetLaserStrobeCommand">
1389 <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1390 <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1391 <xs:attribute name="ToMode" type="cef:tStrobeMode" use="required"/>
1392 <xs:attribute name="ToStartLevelRate" type="cef:tSimpleRangeValue" use="required"/>
1393 <xs:attribute name="ToEndLevelRate" type="cef:tSimpleRangeValue" use="required"/>
1394 </xs:complexType>
1395
1396 <xs:complexType name="tSetFanModeCommand">
1397 <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1398 <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1399 <xs:attribute name="ToMode" use="required">
1400 <xs:simpleType>
1401 <xs:restriction base="xs:string">
1402 <xs:enumeration value="Fast" />
1403 <xs:enumeration value="Slow" />
1404 </xs:restriction>
1405 </xs:simpleType>
1406 </xs:attribute>
1407 </xs:complexType>
1408
1409 <xs:complexType name="tCustomCommand">
1410 <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1411 <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1412 <xs:attribute name="Usage" use="required">
1413 <xs:simpleType>
1414 <xs:restriction base="xs:string">
1415 <xs:enumeration value="Snap" />
1416 <xs:enumeration value="Range" />
1417 </xs:restriction>
1418 </xs:simpleType>
1419 </xs:attribute>
1420 <xs:attribute name="Description" type="xs:string" use="required"/>
1421 <xs:attribute name="ShortDescription" type="xs:string" use="optional"/>
1422 <xs:attribute name="From" type="xs:string" use="optional"/>
1423 <xs:attribute name="To" type="xs:string" use="optional"/>
1424 </xs:complexType>
1425
1426 <xs:complexType name="tCustomCellCommand">
1427 <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1428 <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1429 <xs:attribute name="Layer" type="cef:tControlLayer" use="optional"/>
1430 <xs:attribute name="Cell" type="xs:unsignedInt" use="optional"/>
1431 <xs:attribute name="Usage" use="required">
1432 <xs:simpleType>
1433 <xs:restriction base="xs:string">
1434 <xs:enumeration value="Snap" />
1435 <xs:enumeration value="Range" />
1436 </xs:restriction>
1437 </xs:simpleType>
1438 </xs:attribute>
1439 <xs:attribute name="Description" type="xs:string" use="required"/>
1440 <xs:attribute name="ShortDescription" type="xs:string" use="optional"/>
1441 <xs:attribute name="From" type="xs:string" use="optional"/>
1442 <xs:attribute name="To" type="xs:string" use="optional"/>
1443 </xs:complexType>
1444
1445 <xs:complexType name="tResetCommand">
1446 <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
```

```

1568 <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1569 <xs:attribute name="ToType" use="required">
1570   <xs:simpleType>
1571     <xs:restriction base="xs:string">
1572       <xs:enumeration value="Complete" />
1573       <xs:enumeration value="PanTilt" />
1574       <xs:enumeration value="Colour" />
1575       <xs:enumeration value="Gobo" />
1576       <xs:enumeration value="Strobe" />
1577       <xs:enumeration value="Focus" />
1578       <xs:enumeration value="Zoom" />
1579       <xs:enumeration value="Frost" />
1580       <xs:enumeration value="Iris" />
1581       <xs:enumeration value="AllInternal" />
1582     </xs:restriction>
1583   </xs:simpleType>
1584 </xs:attribute>
1585 </xs:complexType>
1586
1587 <xs:complexType name="tPresetCommand">
1588   <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1589   <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1590   <xs:attribute name="Cells" type="cef:tCellArray" use="optional" />
1591   <xs:attribute name="Usage" use="required">
1592     <xs:simpleType>
1593       <xs:restriction base="xs:string">
1594         <xs:enumeration value="Snap" />
1595         <xs:enumeration value="Range" />
1596       </xs:restriction>
1597     </xs:simpleType>
1598   </xs:attribute>
1599   <xs:attribute name="StartColor" type="xs:string" use="optional"/>
1600   <xs:attribute name="EndColor" type="xs:string" use="optional"/>
1601   <xs:attribute name="Description" type="xs:string" use="required"/>
1602   <xs:attribute name="ShortDescription" type="xs:string" use="optional"/>
1603 </xs:complexType>
1604
1605 <xs:complexType name="tPresetScrollCommand">
1606   <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1607   <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1608   <xs:attribute name="ToMode" use="required">
1609     <xs:simpleType>
1610       <xs:restriction base="xs:string">
1611         <xs:enumeration value="Forward" />
1612         <xs:enumeration value="Reverse" />
1613         <xs:enumeration value="Bounce" />
1614         <xs:enumeration value="Random" />
1615         <xs:enumeration value="Sound" />
1616         <xs:enumeration value="Stop" />
1617       </xs:restriction>
1618     </xs:simpleType>
1619   </xs:attribute>
1620 </xs:complexType>
1621
1622 <xs:complexType name="tTextCommand">
1623   <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1624   <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1625   <xs:attribute name="Description" type="xs:string" use="required"/>
1626   <xs:attribute name="ShortDescription" type="xs:string" use="optional"/>
1627 </xs:complexType>
1628
1629 <!-- Common simple types-->
1630 <xs:simpleType name="tVisibility">
1631   <xs:restriction base="xs:string">
1632     <xs:enumeration value="Public" />
1633     <xs:enumeration value="Private" />
1634   </xs:restriction>
1635 </xs:simpleType>
1636

```

```

1447 <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1448 <xs:attribute name="ToType" use="required">
1449   <xs:simpleType>
1450     <xs:restriction base="xs:string">
1451       <xs:enumeration value="Complete" />
1452       <xs:enumeration value="PanTilt" />
1453       <xs:enumeration value="Colour" />
1454       <xs:enumeration value="Gobo" />
1455       <xs:enumeration value="Strobe" />
1456       <xs:enumeration value="Focus" />
1457       <xs:enumeration value="Zoom" />
1458       <xs:enumeration value="Frost" />
1459       <xs:enumeration value="Iris" />
1460       <xs:enumeration value="AllInternal" />
1461     </xs:restriction>
1462   </xs:simpleType>
1463 </xs:attribute>
1464 </xs:complexType>
1465
1466 <xs:complexType name="tPresetCommand">
1467   <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1468   <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1469   <xs:attribute name="Cells" type="cef:tCellArray" use="optional" />
1470   <xs:attribute name="Usage" use="required">
1471     <xs:simpleType>
1472       <xs:restriction base="xs:string">
1473         <xs:enumeration value="Snap" />
1474         <xs:enumeration value="Range" />
1475       </xs:restriction>
1476     </xs:simpleType>
1477   </xs:attribute>
1478   <xs:attribute name="StartColor" type="xs:string" use="optional"/>
1479   <xs:attribute name="EndColor" type="xs:string" use="optional"/>
1480   <xs:attribute name="Description" type="xs:string" use="required"/>
1481   <xs:attribute name="ShortDescription" type="xs:string" use="optional"/>
1482 </xs:complexType>
1483
1484 <xs:complexType name="tPresetScrollCommand">
1485   <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1486   <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1487   <xs:attribute name="ToMode" use="required">
1488     <xs:simpleType>
1489       <xs:restriction base="xs:string">
1490         <xs:enumeration value="Forward" />
1491         <xs:enumeration value="Reverse" />
1492         <xs:enumeration value="Bounce" />
1493         <xs:enumeration value="Random" />
1494         <xs:enumeration value="Sound" />
1495         <xs:enumeration value="Stop" />
1496       </xs:restriction>
1497     </xs:simpleType>
1498   </xs:attribute>
1499 </xs:complexType>
1500
1501 <xs:complexType name="tTextCommand">
1502   <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1503   <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1504   <xs:attribute name="Description" type="xs:string" use="required"/>
1505   <xs:attribute name="ShortDescription" type="xs:string" use="optional"/>
1506 </xs:complexType>
1507
1508 <!-- Common simple types-->
1509 <xs:simpleType name="tVisibility">
1510   <xs:restriction base="xs:string">
1511     <xs:enumeration value="Public" />
1512     <xs:enumeration value="Private" />
1513   </xs:restriction>
1514 </xs:simpleType>
1515

```

```
1637 <xs:simpleType name="tGoboType">
1638   <xs:restriction base="xs:string">
1639     <xs:enumeration value="Pattern" />
1640     <xs:enumeration value="Animation Disc" />
1641     <xs:enumeration value="Linear 2-Facet Prism" />
1642     <xs:enumeration value="Circular 3-Facet Prism" />
1643     <xs:enumeration value="Circular 4-Facet Prism" />
1644     <xs:enumeration value="Linear 4-Facet Prism" />
1645     <xs:enumeration value="Circular 5-Facet Prism" />
1646     <xs:enumeration value="Linear 5-Facet Prism" />
1647     <xs:enumeration value="Round 5-Facet Prism" />
1648     <xs:enumeration value="Circular 6-Facet Prism" />
1649     <xs:enumeration value="Linear 6-Facet Prism" />
1650     <xs:enumeration value="Round 6-Facet Prism" />
1651     <xs:enumeration value="Round 7-Facet Prism" />
1652     <xs:enumeration value="Circular 8-Facet Prism" />
1653     <xs:enumeration value="Linear 8-Facet Prism" />
1654     <xs:enumeration value="Round 9-Facet Prism" />
1655     <xs:enumeration value="Linear 10-Facet Prism" />
1656     <xs:enumeration value="Circular 8-8-16-Facet Prism" />
1657     <xs:enumeration value="Circular 16-16-Facet Prism" />
1658     <xs:enumeration value="Bar Prism" />
1659     <xs:enumeration value="Comet Prism" />
1660   </xs:restriction>
1661 </xs:simpleType>
1662
1663 <xs:simpleType name="tChromaticityValue">
1664   <xs:restriction base="xs:float">
1665     <xs:minInclusive value="0"/>
1666     <xs:maxInclusive value="1"/>
1667   </xs:restriction>
1668 </xs:simpleType>
1669
1670 <xs:simpleType name="tDmxChannelOffset">
1671   <xs:restriction base="xs:unsignedInt">
1672     <xs:minInclusive value="0"/>
1673     <xs:maxInclusive value="511"/>
1674   </xs:restriction>
1675 </xs:simpleType>
1676
1677 <xs:simpleType name="tControllayer">
1678   <xs:restriction base="xs:string">
1679     <xs:enumeration value="Individual" />
1680     <xs:enumeration value="Group" />
1681   </xs:restriction>
1682 </xs:simpleType>
1683
1684 <xs:simpleType name="tCellArray">
1685   <xs:restriction base="xs:string">
1686     <xs:pattern value="\d+(\,\d+)*" />
1687   </xs:restriction>
1688 </xs:simpleType>
1689
1690 <xs:simpleType name="tSimpleRangeValue">
1691   <xs:restriction base="xs:float">
1692     <xs:minInclusive value="0"/>
1693     <xs:maxInclusive value="1"/>
1694   </xs:restriction>
1695 </xs:simpleType>
1696
1697 <xs:simpleType name="tWideRangeValue">
1698   <xs:restriction base="xs:float">
1699     <xs:minInclusive value="-1"/>
1700     <xs:maxInclusive value="1"/>
1701   </xs:restriction>
1702 </xs:simpleType>
1703
1704 <xs:simpleType name="tUnboundedRangeValue">
1705   <xs:restriction base="xs:float"/>
```

```
1516 <xs:simpleType name="tGoboType">
1517   <xs:restriction base="xs:string">
1518     <xs:enumeration value="Pattern" />
1519     <xs:enumeration value="Animation Disc" />
1520     <xs:enumeration value="Linear 2-Facet Prism" />
1521     <xs:enumeration value="Circular 3-Facet Prism" />
1522     <xs:enumeration value="Circular 4-Facet Prism" />
1523     <xs:enumeration value="Linear 4-Facet Prism" />
1524     <xs:enumeration value="Circular 5-Facet Prism" />
1525     <xs:enumeration value="Linear 5-Facet Prism" />
1526     <xs:enumeration value="Round 5-Facet Prism" />
1527     <xs:enumeration value="Circular 6-Facet Prism" />
1528     <xs:enumeration value="Linear 6-Facet Prism" />
1529     <xs:enumeration value="Round 6-Facet Prism" />
1530     <xs:enumeration value="Round 7-Facet Prism" />
1531     <xs:enumeration value="Circular 8-Facet Prism" />
1532     <xs:enumeration value="Linear 8-Facet Prism" />
1533     <xs:enumeration value="Round 9-Facet Prism" />
1534     <xs:enumeration value="Linear 10-Facet Prism" />
1535     <xs:enumeration value="Circular 8-8-16-Facet Prism" />
1536     <xs:enumeration value="Circular 16-16-Facet Prism" />
1537     <xs:enumeration value="Bar Prism" />
1538     <xs:enumeration value="Comet Prism" />
1539   </xs:restriction>
1540 </xs:simpleType>
1541
1542 <xs:simpleType name="tChromaticityValue">
1543   <xs:restriction base="xs:float">
1544     <xs:minInclusive value="0"/>
1545     <xs:maxInclusive value="1"/>
1546   </xs:restriction>
1547 </xs:simpleType>
1548
1549 <xs:simpleType name="tDmxChannelOffset">
1550   <xs:restriction base="xs:unsignedInt">
1551     <xs:minInclusive value="0"/>
1552     <xs:maxInclusive value="511"/>
1553   </xs:restriction>
1554 </xs:simpleType>
1555
1556 <xs:simpleType name="tControllayer">
1557   <xs:restriction base="xs:string">
1558     <xs:enumeration value="Individual" />
1559     <xs:enumeration value="Group" />
1560   </xs:restriction>
1561 </xs:simpleType>
1562
1563 <xs:simpleType name="tCellArray">
1564   <xs:restriction base="xs:string">
1565     <xs:pattern value="\d+(\,\d+)*" />
1566   </xs:restriction>
1567 </xs:simpleType>
1568
1569 <xs:simpleType name="tSimpleRangeValue">
1570   <xs:restriction base="xs:float">
1571     <xs:minInclusive value="0"/>
1572     <xs:maxInclusive value="1"/>
1573   </xs:restriction>
1574 </xs:simpleType>
1575
1576 <xs:simpleType name="tWideRangeValue">
1577   <xs:restriction base="xs:float">
1578     <xs:minInclusive value="-1"/>
1579     <xs:maxInclusive value="1"/>
1580   </xs:restriction>
1581 </xs:simpleType>
1582
1583 <xs:simpleType name="tUnboundedRangeValue">
1584   <xs:restriction base="xs:float"/>
```

```
1706 </xs:simpleType>
1707
1708 <xs:simpleType name="tTimeRangeValue">
1709   <xs:restriction base="xs:float">
1710     <xs:minInclusive value="0"/>
1711   </xs:restriction>
1712 </xs:simpleType>
1713
1714 <xs:simpleType name="tColorRenderingIndexRangeValue">
1715   <xs:restriction base="xs:float">
1716     <xs:minInclusive value="0"/>
1717     <xs:maxInclusive value="100"/>
1718   </xs:restriction>
1719 </xs:simpleType>
1720
1721 <xs:simpleType name="tColorTemperatureRangeValue">
1722   <xs:restriction base="xs:float">
1723     <xs:minInclusive value="0"/>
1724     <xs:maxInclusive value="30000"/>
1725   </xs:restriction>
1726 </xs:simpleType>
1727
1728 <xs:simpleType name="tFramingShutterDepthValue">
1729   <xs:restriction base="xs:float">
1730     <xs:minInclusive value="0"/>
1731     <xs:maxInclusive value="2"/>
1732   </xs:restriction>
1733 </xs:simpleType>
1734
1735 <xs:simpleType name="tFramingShutterAngleValue">
1736   <xs:restriction base="xs:float">
1737     <xs:minInclusive value="-360"/>
1738     <xs:maxInclusive value="360"/>
1739   </xs:restriction>
1740 </xs:simpleType>
1741
1742 <xs:simpleType name="tOnOff">
1743   <xs:restriction base="xs:string">
1744     <xs:enumeration value="On" />
1745     <xs:enumeration value="Off" />
1746   </xs:restriction>
1747 </xs:simpleType>
1748
1749 <xs:simpleType name="tStrobeMode">
1750   <xs:restriction base="xs:string">
1751     <xs:enumeration value="Linear" />
1752     <xs:enumeration value="Random" />
1753     <xs:enumeration value="ApertureRandom" />
1754     <xs:enumeration value="SynchronizedRandom" />
1755     <xs:enumeration value="Lightning" />
1756     <xs:enumeration value="Spikes" />
1757   </xs:restriction>
1758 </xs:simpleType>
1759
1760 <xs:simpleType name="tStrobeTransition">
1761   <xs:restriction base="xs:string">
1762     <xs:enumeration value="RampRamp" />
1763     <xs:enumeration value="RampSnap" />
1764     <xs:enumeration value="SnapRamp" />
1765     <xs:enumeration value="SnapSnap" />
1766   </xs:restriction>
1767 </xs:simpleType>
1768
1769 <xs:simpleType name="tFrostIndex">
1770   <xs:restriction base="xs:unsignedInt">
1771     <xs:minInclusive value="1"/>
1772     <xs:maxInclusive value="3"/>
1773   </xs:restriction>
1774 </xs:simpleType>
```

```
1585 </xs:simpleType>
1586
1587 <xs:simpleType name="tTimeRangeValue">
1588   <xs:restriction base="xs:float">
1589     <xs:minInclusive value="0"/>
1590   </xs:restriction>
1591 </xs:simpleType>
1592
1593 <xs:simpleType name="tColorRenderingIndexRangeValue">
1594   <xs:restriction base="xs:float">
1595     <xs:minInclusive value="0"/>
1596     <xs:maxInclusive value="100"/>
1597   </xs:restriction>
1598 </xs:simpleType>
1599
1600 <xs:simpleType name="tColorTemperatureRangeValue">
1601   <xs:restriction base="xs:float">
1602     <xs:minInclusive value="0"/>
1603     <xs:maxInclusive value="30000"/>
1604   </xs:restriction>
1605 </xs:simpleType>
1606
1607 <xs:simpleType name="tFramingShutterDepthValue">
1608   <xs:restriction base="xs:float">
1609     <xs:minInclusive value="0"/>
1610     <xs:maxInclusive value="2"/>
1611   </xs:restriction>
1612 </xs:simpleType>
1613
1614 <xs:simpleType name="tFramingShutterAngleValue">
1615   <xs:restriction base="xs:float">
1616     <xs:minInclusive value="-360"/>
1617     <xs:maxInclusive value="360"/>
1618   </xs:restriction>
1619 </xs:simpleType>
1620
1621 <xs:simpleType name="tOnOff">
1622   <xs:restriction base="xs:string">
1623     <xs:enumeration value="On" />
1624     <xs:enumeration value="Off" />
1625   </xs:restriction>
1626 </xs:simpleType>
1627
1628 <xs:simpleType name="tStrobeMode">
1629   <xs:restriction base="xs:string">
1630     <xs:enumeration value="Linear" />
1631     <xs:enumeration value="Random" />
1632     <xs:enumeration value="ApertureRandom" />
1633     <xs:enumeration value="SynchronizedRandom" />
1634     <xs:enumeration value="Lightning" />
1635     <xs:enumeration value="Spikes" />
1636   </xs:restriction>
1637 </xs:simpleType>
1638
1639 <xs:simpleType name="tStrobeTransition">
1640   <xs:restriction base="xs:string">
1641     <xs:enumeration value="RampRamp" />
1642     <xs:enumeration value="RampSnap" />
1643     <xs:enumeration value="SnapRamp" />
1644     <xs:enumeration value="SnapSnap" />
1645   </xs:restriction>
1646 </xs:simpleType>
1647
1648 <xs:simpleType name="tFrostIndex">
1649   <xs:restriction base="xs:unsignedInt">
1650     <xs:minInclusive value="1"/>
1651     <xs:maxInclusive value="3"/>
1652   </xs:restriction>
1653 </xs:simpleType>
```

```
1775
1776 <xs:simpleType name="tWheelIndex">
1777   <xs:restriction base="xs:unsignedInt">
1778     <xs:minInclusive value="1"/>
1779   </xs:restriction>
1780 </xs:simpleType>
1781
1782 <xs:simpleType name="tFramingShutterIndex">
1783   <xs:restriction base="xs:unsignedInt">
1784     <xs:minInclusive value="1"/>
1785     <xs:maxInclusive value="4"/>
1786   </xs:restriction>
1787 </xs:simpleType>
1788
1789 <xs:simpleType name="tAxisIndex">
1790   <xs:restriction base="xs:unsignedInt">
1791     <xs:minInclusive value="1"/>
1792   </xs:restriction>
1793 </xs:simpleType>
1794
1795 <xs:simpleType name="tLightMode">
1796   <xs:restriction base="xs:string">
1797     <xs:enumeration value="Direct" />
1798     <xs:enumeration value="ColorTemperature" />
1799     <xs:enumeration value="ColorTemperaturePlus" />
1800     <xs:enumeration value="RGB" />
1801     <xs:enumeration value="RGBPlus" />
1802     <xs:enumeration value="HSV" />
1803     <xs:enumeration value="HSVPlus" />
1804     <xs:enumeration value="CIE" />
1805     <xs:enumeration value="Filter" />
1806     <xs:enumeration value="AlternateFilter" />
1807   </xs:restriction>
1808 </xs:simpleType>
1809
```

```
1810 <xs:simpleType name="tWheelMode">
1811   <xs:restriction base="xs:string">
1812     <xs:enumeration value="Indexed" />
1813     <xs:enumeration value="Continuous" />
1814     <xs:enumeration value="Mixed" />
1815     <xs:enumeration value="Spinning" />
1816     <xs:enumeration value="Oscillating" />
1817     <xs:enumeration value="Random" />
1818   </xs:restriction>
1819 </xs:simpleType>
1820
1821 <xs:simpleType name="tNonRandomWheelMode">
1822   <xs:restriction base="xs:string">
1823     <xs:enumeration value="Indexed" />
1824     <xs:enumeration value="Continuous" />
1825     <xs:enumeration value="Mixed" />
1826     <xs:enumeration value="Spinning" />
1827     <xs:enumeration value="Oscillating" />
1828   </xs:restriction>
1829 </xs:simpleType>
1830
1831 <xs:simpleType name="tWheelFrameMode">
1832   <xs:restriction base="xs:string">
1833     <xs:enumeration value="Indexed" />
1834     <xs:enumeration value="Spinning" />
1835   </xs:restriction>
1836 </xs:simpleType>
```

```
1654
1655 <xs:simpleType name="tWheelIndex">
1656   <xs:restriction base="xs:unsignedInt">
1657     <xs:minInclusive value="1"/>
1658   </xs:restriction>
1659 </xs:simpleType>
1660
1661 <xs:simpleType name="tFramingShutterIndex">
1662   <xs:restriction base="xs:unsignedInt">
1663     <xs:minInclusive value="1"/>
1664     <xs:maxInclusive value="4"/>
1665   </xs:restriction>
1666 </xs:simpleType>
1667
1668 <xs:simpleType name="tAxisIndex">
1669   <xs:restriction base="xs:unsignedInt">
1670     <xs:minInclusive value="1"/>
1671   </xs:restriction>
1672 </xs:simpleType>
1673
1674 <xs:simpleType name="tLightMode">
1675   <xs:restriction base="xs:string">
1676     <xs:enumeration value="Direct" />
1677     <xs:enumeration value="ColorTemperature" />
1678     <xs:enumeration value="ColorTemperaturePlus" />
1679     <xs:enumeration value="RGB" />
1680     <xs:enumeration value="RGBPlus" />
1681     <xs:enumeration value="HSV" />
1682     <xs:enumeration value="HSVPlus" />
1683     <xs:enumeration value="CIE" />
1684     <xs:enumeration value="Filter" />
1685     <xs:enumeration value="AlternateFilter" />
1686   </xs:restriction>
1687 </xs:simpleType>
1688
1689 <xs:simpleType name="tLightPixelMode">
1690   <xs:restriction base="xs:string">
1691     <xs:enumeration value="Mix" />
1692     <xs:enumeration value="Multiply" />
1693   </xs:restriction>
1694 </xs:simpleType>
1695
1696 <xs:simpleType name="tWheelMode">
1697   <xs:restriction base="xs:string">
1698     <xs:enumeration value="Indexed" />
1699     <xs:enumeration value="Continuous" />
1700     <xs:enumeration value="Mixed" />
1701     <xs:enumeration value="Spinning" />
1702     <xs:enumeration value="Oscillating" />
1703     <xs:enumeration value="Random" />
1704   </xs:restriction>
1705 </xs:simpleType>
1706
1707 <xs:simpleType name="tNonRandomWheelMode">
1708   <xs:restriction base="xs:string">
1709     <xs:enumeration value="Indexed" />
1710     <xs:enumeration value="Continuous" />
1711     <xs:enumeration value="Mixed" />
1712     <xs:enumeration value="Spinning" />
1713     <xs:enumeration value="Oscillating" />
1714   </xs:restriction>
1715 </xs:simpleType>
1716
1717 <xs:simpleType name="tWheelFrameMode">
1718   <xs:restriction base="xs:string">
1719     <xs:enumeration value="Indexed" />
1720     <xs:enumeration value="Spinning" />
1721   </xs:restriction>
1722 </xs:simpleType>
```



```
1837
1838 <xs:simpleType name="tWheelSpinDirection">
1839   <xs:restriction base="xs:string">
1840     <xs:enumeration value="Forward" />
1841     <xs:enumeration value="Reverse" />
1842   </xs:restriction>
1843 </xs:simpleType>
1844
```

```
1845 <xs:simpleType name="tBoolean">
1846   <xs:restriction base="xs:string">
1847     <xs:enumeration value="True" />
1848     <xs:enumeration value="False" />
1849   </xs:restriction>
1850 </xs:simpleType>
1851
1852 <xs:simpleType name="tPositiveFloat">
1853   <xs:restriction base="xs:float">
1854     <xs:minInclusive value="0" />
1855   </xs:restriction>
1856 </xs:simpleType>
1857
1858 </xs:schema>
```

```
1723
1724 <xs:simpleType name="tWheelSpinDirection">
1725   <xs:restriction base="xs:string">
1726     <xs:enumeration value="Forward" />
1727     <xs:enumeration value="Reverse" />
1728   </xs:restriction>
1729 </xs:simpleType>
1730
```

```
1731 <xs:simpleType name="tFramingShutterPackageMode">
1732   <xs:restriction base="xs:string">
1733     <xs:enumeration value="Indexed" />
1734     <xs:enumeration value="Spinning" />
1735   </xs:restriction>
1736 </xs:simpleType>
1737
1738 <xs:simpleType name="tFramingShutterPackageSpinDirection">
1739   <xs:restriction base="xs:string">
1740     <xs:enumeration value="Forward" />
1741     <xs:enumeration value="Reverse" />
1742   </xs:restriction>
1743 </xs:simpleType>
1744
```

```
1745 <xs:simpleType name="tBoolean">
1746   <xs:restriction base="xs:string">
1747     <xs:enumeration value="True" />
1748     <xs:enumeration value="False" />
1749   </xs:restriction>
1750 </xs:simpleType>
1751
1752 <xs:simpleType name="tPositiveFloat">
1753   <xs:restriction base="xs:float">
1754     <xs:minInclusive value="0" />
1755   </xs:restriction>
1756 </xs:simpleType>
1757
1758 </xs:schema>
```