

Araxis Merge File Comparison Report

Produced by **Araxis Merge** on **2021-09-22 17:44:15 W. Europe Summer 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\ABCommonFormatExporter\Schemas	AtlaBase.CommonExportFormat_2.5.3.xsd	Tue May 11 08:02:44 2021 UTC
2	C:\Source\AB\ABCommonFormatExporter\Schemas	AtlaBase.CommonExportFormat_2.6.0.xsd	Wed Sep 22 13:41:53 2021 UTC

2. Comparison summary

Description	Between Files 1 and 2	
	Text Blocks	Lines
Unchanged	19	2894
Changed	3	6
Inserted	13	85
Removed	2	2

3. Comparison options

Whitespace	Differences in whitespace are significant
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_2.5.3"	2	targetNamespace="http://www.atlabase.com/schemas/CommonExportFormat_2.6.0"
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_2.5.3"	4	xmlns:cef="http://www.atlabase.com/schemas/CommonExportFormat_2.6.0"
5	elementFormDefault="qualified">	5	elementFormDefault="qualified">
6	<!-- Document root -->	6	<!-- Document root -->
7	<xs:element name="AtlaBase.CommonExportFormat">	7	<xs:element name="AtlaBase.CommonExportFormat">
8	<xs:complexType>	8	<xs:complexType>
9	<xs:choice minOccurs="1" maxOccurs="unbounded">	9	<xs:choice minOccurs="1" maxOccurs="unbounded">
10	<xs:element name="Brand" type="cef:tBrand"/>	10	<xs:element name="Brand" type="cef:tBrand"/>
11	<xs:element name="Filter" type="cef:tFilter"/>	11	<xs:element name="Filter" type="cef:tFilter"/>
12	<xs:element name="Gobo" type="cef:tGobo"/>	12	<xs:element name="Gobo" type="cef:tGobo"/>
13	<xs:element name="Fixture" type="cef:tFixture"/>	13	<xs:element name="Fixture" type="cef:tFixture"/>
14	<xs:element name="MediaServer" type="cef:tMediaServer"/>	14	<xs:element name="MediaServer" type="cef:tMediaServer"/>
15	<xs:element name="Symbol" type="cef:tSymbol"/>	15	<xs:element name="Symbol" type="cef:tSymbol"/>
16	</xs:choice>	16	</xs:choice>
17	</xs:complexType>	17	</xs:complexType>
18	</xs:element>	18	</xs:element>
19	<!-- Brand -->	19	<!-- Brand -->
20	<xs:complexType name="tBrand">	20	<xs:complexType name="tBrand">
21	<xs:sequence>	21	<xs:sequence>
22	<xs:element name="Name" type="xs:string" minOccurs="1" maxOccurs="1" />	22	<xs:element name="Name" type="xs:string" minOccurs="1" maxOccurs="1" />
23	</xs:sequence>	23	</xs:sequence>
24	<xs:attribute name="Identifier" type="xs:string" use="required"/>	24	<xs:attribute name="Identifier" type="xs:string" use="required"/>
25	</xs:complexType>	25	</xs:complexType>
26	<!-- Filter -->	26	<!-- Filter -->
27		27	
28		28	
29		29	

```

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="Tags" type="xs:string" minOccurs="0" maxOccurs="1" />
71     <xs:element name="ReplacementGobo" minOccurs="0" maxOccurs="unbounded">
72       <xs:complexType>
73         <xs:attribute name="Identfier" type="xs:string" use="required"/>
74         <xs:attribute name="Version" type="xs:unsignedInt" use="required"/>
75       </xs:complexType>
76     </xs:element>
77   </xs:sequence>
78   <xs:attribute name="Identfier" type="xs:string" use="required"/>
79   <xs:attribute name="Version" type="xs:unsignedInt" use="required"/>
80   <xs:attribute name="VersionDate" type="xs:date" use="required"/>
81   <xs:attribute name="Brand" type="xs:string" use="required"/>
82   <xs:attribute name="Code" type="xs:string" use="optional"/>
83   <xs:attribute name="Name" type="xs:string" use="optional"/>
84   <xs:attribute name="PartNo" type="xs:string" use="optional"/>
85   <xs:attribute name="Origin" type="xs:string" use="optional"/>
86 </xs:complexType>
87
88 <!-- Fixture-->
89 <xs:complexType name="tFixture">
90   <xs:sequence>
91     <xs:element name="Class" type="xs:string" minOccurs="1" maxOccurs="1"/>
92     <xs:element name="Category" type="xs:string" minOccurs="1" maxOccurs="1"/>
93     <xs:element name="SymbolIdentifier" type="xs:string" minOccurs="0" maxOccurs="1"/>
94     <xs:element name="RDM" minOccurs="0" maxOccurs="1">
95       <xs:complexType>
96         <xs:sequence>
97           <xs:element name="ManufacturerId" minOccurs="1" maxOccurs="1">
98             <xs:simpleType>
99               <xs:restriction base="xs:unsignedShort">
100                 <xs:minInclusive value="1"/>
101                 <xs:maxInclusive value="32767"/>
102               </xs:restriction>
103             </xs:simpleType>

```

```

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="Tags" type="xs:string" minOccurs="0" maxOccurs="1" />
71     <xs:element name="ReplacementGobo" minOccurs="0" maxOccurs="unbounded">
72       <xs:complexType>
73         <xs:attribute name="Identfier" type="xs:string" use="required"/>
74         <xs:attribute name="Version" type="xs:unsignedInt" use="required"/>
75       </xs:complexType>
76     </xs:element>
77   </xs:sequence>
78   <xs:attribute name="Identfier" type="xs:string" use="required"/>
79   <xs:attribute name="Version" type="xs:unsignedInt" use="required"/>
80   <xs:attribute name="VersionDate" type="xs:date" use="required"/>
81   <xs:attribute name="Brand" type="xs:string" use="required"/>
82   <xs:attribute name="Code" type="xs:string" use="optional"/>
83   <xs:attribute name="Name" type="xs:string" use="optional"/>
84   <xs:attribute name="PartNo" type="xs:string" use="optional"/>
85   <xs:attribute name="Origin" type="xs:string" use="optional"/>
86 </xs:complexType>
87
88 <!-- Fixture-->
89 <xs:complexType name="tFixture">
90   <xs:sequence>
91     <xs:element name="Class" type="xs:string" minOccurs="1" maxOccurs="1"/>
92     <xs:element name="Category" type="xs:string" minOccurs="1" maxOccurs="1"/>
93     <xs:element name="SymbolIdentifier" type="xs:string" minOccurs="0" maxOccurs="1"/>
94     <xs:element name="RDM" minOccurs="0" maxOccurs="1">
95       <xs:complexType>
96         <xs:sequence>
97           <xs:element name="ManufacturerId" minOccurs="1" maxOccurs="1">
98             <xs:simpleType>
99               <xs:restriction base="xs:unsignedShort">
100                 <xs:minInclusive value="1"/>
101                 <xs:maxInclusive value="32767"/>
102               </xs:restriction>
103             </xs:simpleType>

```

```
104     </xs:element>
105     <xs:element name="DeviceModelId" type="xs:unsignedShort" minOccurs="1" maxOccurs="1"/>
106   </xs:sequence>
107 </xs:complexType>
108 </xs:element>
109 <xs:element name="Weight" type="xs:string" minOccurs="1" maxOccurs="1"/>
110 <xs:element name="Wattage" type="xs:string" minOccurs="1" maxOccurs="1"/>
111 <xs:element name="CellCount" type="xs:unsignedShort" minOccurs="1" maxOccurs="1" />
112 <xs:element name="Shutter" minOccurs="1" maxOccurs="1">
113   <xs:complexType>
114     <xs:sequence>
115       <xs:element name="MinFrequency" type="xs:float" minOccurs="1" maxOccurs="1"/>
116       <xs:element name="MaxFrequency" type="xs:float" minOccurs="1" maxOccurs="1"/>
117       <xs:element name="MinDuration" type="xs:float" minOccurs="1" maxOccurs="1"/>
118       <xs:element name="MaxDuration" type="xs:float" minOccurs="1" maxOccurs="1"/>
119     </xs:sequence>
120   </xs:complexType>
121 </xs:element>
122 <xs:element name="FramingShutters" minOccurs="1" maxOccurs="1">
123   <xs:simpleType>
124     <xs:restriction base="xs:string">
125       <xs:enumeration value="None" />
126       <xs:enumeration value="OrthogonalSinglePointShutters" />
127       <xs:enumeration value="OrthogonalTwoPointShutters" />
128       <xs:enumeration value="PerimetralSinglePointShutters" />
129       <xs:enumeration value="ExternalBarndoors" />
130       <xs:enumeration value="InternalBarndoors" />
131     </xs:restriction>
132   </xs:simpleType>
133 </xs:element>
```

```
134 <xs:element name="Axis" minOccurs="0" maxOccurs="unbounded">
135   <xs:complexType>
136     <xs:sequence>
137       <xs:element name="Range" type="xs:float" minOccurs="1" maxOccurs="1" />
138       <xs:element name="Trim" type="xs:float" minOccurs="1" maxOccurs="1" />
139       <xs:element name="Inverse" type="cef:tBoolean" minOccurs="1" maxOccurs="1" />
140       <xs:element name="MinTime" type="xs:float" minOccurs="1" maxOccurs="1" />
141     </xs:sequence>
142     <xs:attribute name="Name" type="cef:tFixtureAxisName" use="required" />
143     <xs:attribute name="Index" type="xs:unsignedByte" use="required" />
144   </xs:complexType>
145 </xs:element>
146 <xs:element name="Part" minOccurs="0" maxOccurs="unbounded">
147   <xs:complexType>
148     <xs:sequence>
149       <xs:element name="Host" minOccurs="0" maxOccurs="1">
150         <xs:complexType>
151           <xs:attribute name="PartName" type="xs:string" use="required" />
152           <xs:attribute name="AxisName" type="cef:tFixtureAxisName" use="required" />
153           <xs:attribute name="AxisIndex" type="xs:unsignedByte" use="required" />
154         </xs:complexType>
155       </xs:element>
156       <xs:element name="Model" minOccurs="0" maxOccurs="1">
157         <xs:complexType>
158           <xs:sequence>
159             <xs:element name="Shape" minOccurs="1" maxOccurs="1">
160               <xs:simpleType>
161                 <xs:restriction base="xs:string">
162                   <xs:enumeration value="Box" />
163                   <xs:enumeration value="Tube" />
164                   <xs:enumeration value="Sphere" />
165                   <xs:enumeration value="PAR" />
166                   <xs:enumeration value="TubeWithBox" />
```

```
104     </xs:element>
105     <xs:element name="DeviceModelId" type="xs:unsignedShort" minOccurs="1" maxOccurs="1"/>
106   </xs:sequence>
107 </xs:complexType>
108 </xs:element>
109 <xs:element name="Weight" type="xs:string" minOccurs="1" maxOccurs="1"/>
110 <xs:element name="Wattage" type="xs:string" minOccurs="1" maxOccurs="1"/>
111 <xs:element name="CellCount" type="xs:unsignedShort" minOccurs="1" maxOccurs="1" />
112 <xs:element name="Shutter" minOccurs="1" maxOccurs="1">
113   <xs:complexType>
114     <xs:sequence>
115       <xs:element name="MinFrequency" type="xs:float" minOccurs="1" maxOccurs="1"/>
116       <xs:element name="MaxFrequency" type="xs:float" minOccurs="1" maxOccurs="1"/>
117       <xs:element name="MinDuration" type="xs:float" minOccurs="1" maxOccurs="1"/>
118       <xs:element name="MaxDuration" type="xs:float" minOccurs="1" maxOccurs="1"/>
119     </xs:sequence>
120   </xs:complexType>
121 </xs:element>
122 <xs:element name="FramingShutters" minOccurs="1" maxOccurs="1">
123   <xs:simpleType>
124     <xs:restriction base="xs:string">
125       <xs:enumeration value="None" />
126       <xs:enumeration value="OrthogonalSinglePointShutters" />
127       <xs:enumeration value="OrthogonalTwoPointShutters" />
128       <xs:enumeration value="PerimetralSinglePointShutters" />
129       <xs:enumeration value="ExternalBarndoors" />
130       <xs:enumeration value="InternalBarndoors" />
131     </xs:restriction>
132   </xs:simpleType>
133 </xs:element>
```

```
134 <xs:element name="ColorFlags" minOccurs="0" maxOccurs="1">
135   <xs:complexType>
136     <xs:sequence>
137       <xs:element name="Cyan" type="cef:tFixtureColorFlag" minOccurs="0" maxOccurs="1" />
138       <xs:element name="Magenta" type="cef:tFixtureColorFlag" minOccurs="0" maxOccurs="1" />
139       <xs:element name="Yellow" type="cef:tFixtureColorFlag" minOccurs="0" maxOccurs="1" />
140       <xs:element name="CTO" type="cef:tFixtureColorFlag" minOccurs="0" maxOccurs="1" />
141       <xs:element name="CTB" type="cef:tFixtureColorFlag" minOccurs="0" maxOccurs="1" />
142     </xs:sequence>
143   </xs:complexType>
144 </xs:element>
```

```
145 <xs:element name="Axis" minOccurs="0" maxOccurs="unbounded">
146   <xs:complexType>
147     <xs:sequence>
148       <xs:element name="Range" type="xs:float" minOccurs="1" maxOccurs="1" />
149       <xs:element name="Trim" type="xs:float" minOccurs="1" maxOccurs="1" />
150       <xs:element name="Inverse" type="cef:tBoolean" minOccurs="1" maxOccurs="1" />
151       <xs:element name="MinTime" type="xs:float" minOccurs="1" maxOccurs="1" />
152     </xs:sequence>
153     <xs:attribute name="Name" type="cef:tFixtureAxisName" use="required" />
154     <xs:attribute name="Index" type="xs:unsignedByte" use="required" />
155   </xs:complexType>
156 </xs:element>
157 <xs:element name="Part" minOccurs="0" maxOccurs="unbounded">
158   <xs:complexType>
159     <xs:sequence>
160       <xs:element name="Host" minOccurs="0" maxOccurs="1">
161         <xs:complexType>
162           <xs:attribute name="PartName" type="xs:string" use="required" />
163           <xs:attribute name="AxisName" type="cef:tFixtureAxisName" use="required" />
164           <xs:attribute name="AxisIndex" type="xs:unsignedByte" use="required" />
165         </xs:complexType>
166       </xs:element>
167       <xs:element name="Model" minOccurs="0" maxOccurs="1">
168         <xs:complexType>
169           <xs:sequence>
170             <xs:element name="Shape" minOccurs="1" maxOccurs="1">
171               <xs:simpleType>
172                 <xs:restriction base="xs:string">
173                   <xs:enumeration value="Box" />
174                   <xs:enumeration value="Tube" />
175                   <xs:enumeration value="Sphere" />
176                   <xs:enumeration value="PAR" />
177                   <xs:enumeration value="TubeWithBox" />
```

```

167         <xs:enumeration value="ConeWithTube" />
168         <xs:enumeration value="SymmetricEgg" />
169         <xs:enumeration value="FlatBottomEgg" />
170         <xs:enumeration value="FlatBottomTubeEgg" />
171         <xs:enumeration value="Scanner" />
172         <xs:enumeration value="YokeBase" />
173         <xs:enumeration value="YokeArm" />
174         <xs:enumeration value="FrontmountBox" />
175         <xs:enumeration value="FrontmountTube" />
176         <xs:enumeration value="FrontmountScanner" />
177     </xs:restriction>
178 </xs:simpleType>
179 </xs:element>
180 <xs:element name="Width" type="xs:float" minOccurs="1" maxOccurs="1" />
181 <xs:element name="Height" type="xs:float" minOccurs="1" maxOccurs="1" />
182 <xs:element name="Length" type="xs:float" minOccurs="1" maxOccurs="1" />
183 <xs:element name="Aperture" type="xs:float" minOccurs="1" maxOccurs="1" />
184 </xs:sequence>
185 </xs:complexType>
186 </xs:element>
187 </xs:sequence>
188 <xs:attribute name="Name" type="xs:string" use="required" />
189 </xs:complexType>
190 </xs:element>
191 <xs:element name="LightSource" minOccurs="0" maxOccurs="unbounded">
192     <xs:complexType>
193         <xs:sequence>
194             <xs:element name="Host" minOccurs="0" maxOccurs="1">
195                 <xs:complexType>
196                     <xs:attribute name="PartName" type="xs:string" use="required" />
197                 </xs:complexType>
198             </xs:element>
199             <xs:element name="Location" minOccurs="0" maxOccurs="1">
200                 <xs:complexType>
201                     <xs:sequence>
202                         <xs:element name="Center" minOccurs="1" maxOccurs="1">
203                             <xs:complexType>
204                                 <xs:attribute name="X" type="xs:float" use="required" />
205                                 <xs:attribute name="Y" type="xs:float" use="required" />
206                                 <xs:attribute name="Z" type="xs:float" use="required" />
207                             </xs:complexType>
208                         </xs:element>
209                         <xs:element name="Direction" minOccurs="1" maxOccurs="1">
210                             <xs:complexType>
211                                 <xs:attribute name="X" type="xs:float" use="required" />
212                                 <xs:attribute name="Y" type="xs:float" use="required" />
213                                 <xs:attribute name="Z" type="xs:float" use="required" />
214                             </xs:complexType>
215                         </xs:element>
216                         <xs:element name="Normal" minOccurs="1" maxOccurs="1">
217                             <xs:complexType>
218                                 <xs:attribute name="X" type="xs:float" use="required" />
219                                 <xs:attribute name="Y" type="xs:float" use="required" />
220                                 <xs:attribute name="Z" type="xs:float" use="required" />
221                             </xs:complexType>
222                         </xs:element>
223                     </xs:sequence>
224                 </xs:complexType>
225             </xs:element>
226             <xs:element name="Kind" minOccurs="1" maxOccurs="1">
227                 <xs:simpleType>
228                     <xs:restriction base="xs:string">
229                         <xs:enumeration value="Decoration" />
230                         <xs:enumeration value="Light" />
231                         <xs:enumeration value="VideoProjector" />
232                         <xs:enumeration value="VideoPanel" />
233                         <xs:enumeration value="Laser" />
234                     </xs:restriction>
235                 </xs:simpleType>
236             </xs:element>
237             <xs:element name="VideoResolution" minOccurs="0" maxOccurs="1">
238                 <xs:complexType>
239                     <xs:attribute name="Horizontal" type="xs:unsignedShort" use="required" />
240                     <xs:attribute name="Vertical" type="xs:unsignedShort" use="required" />

```

```

178         <xs:enumeration value="ConeWithTube" />
179         <xs:enumeration value="SymmetricEgg" />
180         <xs:enumeration value="FlatBottomEgg" />
181         <xs:enumeration value="FlatBottomTubeEgg" />
182         <xs:enumeration value="Scanner" />
183         <xs:enumeration value="YokeBase" />
184         <xs:enumeration value="YokeArm" />
185         <xs:enumeration value="FrontmountBox" />
186         <xs:enumeration value="FrontmountTube" />
187         <xs:enumeration value="FrontmountScanner" />
188     </xs:restriction>
189 </xs:simpleType>
190 </xs:element>
191 <xs:element name="Width" type="xs:float" minOccurs="1" maxOccurs="1" />
192 <xs:element name="Height" type="xs:float" minOccurs="1" maxOccurs="1" />
193 <xs:element name="Length" type="xs:float" minOccurs="1" maxOccurs="1" />
194 <xs:element name="Aperture" type="xs:float" minOccurs="1" maxOccurs="1" />
195 </xs:sequence>
196 </xs:complexType>
197 </xs:element>
198 </xs:sequence>
199 <xs:attribute name="Name" type="xs:string" use="required" />
200 </xs:complexType>
201 </xs:element>
202 <xs:element name="LightSource" minOccurs="0" maxOccurs="unbounded">
203     <xs:complexType>
204         <xs:sequence>
205             <xs:element name="Host" minOccurs="0" maxOccurs="1">
206                 <xs:complexType>
207                     <xs:attribute name="PartName" type="xs:string" use="required" />
208                 </xs:complexType>
209             </xs:element>
210             <xs:element name="Location" minOccurs="0" maxOccurs="1">
211                 <xs:complexType>
212                     <xs:sequence>
213                         <xs:element name="Center" minOccurs="1" maxOccurs="1">
214                             <xs:complexType>
215                                 <xs:attribute name="X" type="xs:float" use="required" />
216                                 <xs:attribute name="Y" type="xs:float" use="required" />
217                                 <xs:attribute name="Z" type="xs:float" use="required" />
218                             </xs:complexType>
219                         </xs:element>
220                         <xs:element name="Direction" minOccurs="1" maxOccurs="1">
221                             <xs:complexType>
222                                 <xs:attribute name="X" type="xs:float" use="required" />
223                                 <xs:attribute name="Y" type="xs:float" use="required" />
224                                 <xs:attribute name="Z" type="xs:float" use="required" />
225                             </xs:complexType>
226                         </xs:element>
227                         <xs:element name="Normal" minOccurs="1" maxOccurs="1">
228                             <xs:complexType>
229                                 <xs:attribute name="X" type="xs:float" use="required" />
230                                 <xs:attribute name="Y" type="xs:float" use="required" />
231                                 <xs:attribute name="Z" type="xs:float" use="required" />
232                             </xs:complexType>
233                         </xs:element>
234                     </xs:sequence>
235                 </xs:complexType>
236             </xs:element>
237             <xs:element name="Kind" minOccurs="1" maxOccurs="1">
238                 <xs:simpleType>
239                     <xs:restriction base="xs:string">
240                         <xs:enumeration value="Decoration" />
241                         <xs:enumeration value="Light" />
242                         <xs:enumeration value="VideoProjector" />
243                         <xs:enumeration value="VideoPanel" />
244                         <xs:enumeration value="Laser" />
245                     </xs:restriction>
246                 </xs:simpleType>
247             </xs:element>
248             <xs:element name="VideoResolution" minOccurs="0" maxOccurs="1">
249                 <xs:complexType>
250                     <xs:attribute name="Horizontal" type="xs:unsignedShort" use="required" />
251                     <xs:attribute name="Vertical" type="xs:unsignedShort" use="required" />

```

```

241     </xs:complexType>
242 </xs:element>
243 <xs:element name="Colours" minOccurs="0" maxOccurs="1">
244     <xs:complexType>
245     <xs:sequence>
246         <xs:element name="White" type="cef:tFixtureLightSourceColour" minOccurs="0" maxOcc
urs="1" />
247         <xs:element name="Red" type="cef:tFixtureLightSourceColour" minOccurs="0" maxOccur
s="1" />
248         <xs:element name="Green" type="cef:tFixtureLightSourceColour" minOccurs="0" maxOcc
urs="1" />
249         <xs:element name="Blue" type="cef:tFixtureLightSourceColour" minOccurs="0" maxOccu
rs="1" />
250         <xs:element name="Auxiliary1" type="cef:tFixtureLightSourceColour" minOccurs="0" m
axOccurs="1" />
251         <xs:element name="Auxiliary2" type="cef:tFixtureLightSourceColour" minOccurs="0" m
axOccurs="1" />
252         <xs:element name="Auxiliary3" type="cef:tFixtureLightSourceColour" minOccurs="0" m
axOccurs="1" />
253         <xs:element name="Auxiliary4" type="cef:tFixtureLightSourceColour" minOccurs="0" m
axOccurs="1" />
254         <xs:element name="Auxiliary5" type="cef:tFixtureLightSourceColour" minOccurs="0" m
axOccurs="1" />
255     </xs:sequence>
256     </xs:complexType>
257 </xs:element>

```

```

258     <xs:element name="Optics" minOccurs="0" maxOccurs="unbounded">
259     <xs:complexType>
260     <xs:sequence>
261         <xs:element name="Wattage" type="xs:float" minOccurs="1" maxOccurs="1"/>
262         <xs:element name="Narrow" type="cef:tFixtureLightSourceOpticTraits" minOccurs="0"
maxOccurs="1" />
263         <xs:element name="Wide" type="cef:tFixtureLightSourceOpticTraits" minOccurs="0" ma
xOccurs="1" />
264     </xs:sequence>
265     <xs:attribute name="Identifier" type="xs:string" use="required"/>
266     <xs:attribute name="Name" type="xs:string" use="required"/>
267 </xs:complexType>
268 </xs:element>
269 <xs:element name="ApertureType" minOccurs="1" maxOccurs="1">
270     <xs:simpleType>
271     <xs:restriction base="xs:string">
272         <xs:enumeration value="RoundProfile" />
273         <xs:enumeration value="SquareSharp" />
274         <xs:enumeration value="RoundPC" />
275         <xs:enumeration value="RoundFresnel" />
276         <xs:enumeration value="RoundPAR" />
277         <xs:enumeration value="SquareSymmetric" />
278         <xs:enumeration value="SquareAssymetric" />
279         <xs:enumeration value="RoundLambertian" />
280         <xs:enumeration value="SquareLambertian" />
281         <xs:enumeration value="SquarePanel" />
282         <xs:enumeration value="DonutLambertian" />
283         <xs:enumeration value="DonutSymmetric" />
284         <xs:enumeration value="RoundBeam" />
285         <xs:enumeration value="Spherical" />

```

```

252     </xs:complexType>
253 </xs:element>
254 <xs:element name="Colours" minOccurs="0" maxOccurs="1">
255     <xs:complexType>
256     <xs:sequence>
257         <xs:element name="White" type="cef:tFixtureLightSourceColour" minOccurs="0" maxOcc
urs="1" />
258         <xs:element name="Red" type="cef:tFixtureLightSourceColour" minOccurs="0" maxOccur
s="1" />
259         <xs:element name="Green" type="cef:tFixtureLightSourceColour" minOccurs="0" maxOcc
urs="1" />
260         <xs:element name="Blue" type="cef:tFixtureLightSourceColour" minOccurs="0" maxOccu
rs="1" />
261         <xs:element name="Auxiliary1" type="cef:tFixtureLightSourceColour" minOccurs="0" m
axOccurs="1" />
262         <xs:element name="Auxiliary2" type="cef:tFixtureLightSourceColour" minOccurs="0" m
axOccurs="1" />
263         <xs:element name="Auxiliary3" type="cef:tFixtureLightSourceColour" minOccurs="0" m
axOccurs="1" />
264         <xs:element name="Auxiliary4" type="cef:tFixtureLightSourceColour" minOccurs="0" m
axOccurs="1" />
265         <xs:element name="Auxiliary5" type="cef:tFixtureLightSourceColour" minOccurs="0" m
axOccurs="1" />
266     </xs:sequence>
267     </xs:complexType>
268 </xs:element>

```

```

269     <xs:element name="ColourMixing" minOccurs="0" maxOccurs="1">
270     <xs:complexType>
271     <xs:sequence>
272         <xs:element name="CIE" minOccurs="0" maxOccurs="1">
273         <xs:complexType>
274             <xs:attribute name="ChromaticityXMin" type="cef:tChromaticityValue" use="requi
red" />
275             <xs:attribute name="ChromaticityXMax" type="cef:tChromaticityValue" use="requi
red" />
276             <xs:attribute name="ChromaticityYMin" type="cef:tChromaticityValue" use="requi
red" />
277             <xs:attribute name="ChromaticityYMax" type="cef:tChromaticityValue" use="requi
red" />
278         </xs:complexType>
279     </xs:element>
280 </xs:sequence>
281 </xs:complexType>
282 </xs:element>

```

```

283     <xs:element name="Optics" minOccurs="0" maxOccurs="unbounded">
284     <xs:complexType>
285     <xs:sequence>
286         <xs:element name="Wattage" type="xs:float" minOccurs="1" maxOccurs="1"/>
287         <xs:element name="Narrow" type="cef:tFixtureLightSourceOpticTraits" minOccurs="0"
maxOccurs="1" />
288         <xs:element name="Wide" type="cef:tFixtureLightSourceOpticTraits" minOccurs="0" ma
xOccurs="1" />
289     </xs:sequence>
290     <xs:attribute name="Identifier" type="xs:string" use="required"/>
291     <xs:attribute name="Name" type="xs:string" use="required"/>
292 </xs:complexType>
293 </xs:element>
294 <xs:element name="ApertureType" minOccurs="1" maxOccurs="1">
295     <xs:simpleType>
296     <xs:restriction base="xs:string">
297         <xs:enumeration value="RoundProfile" />
298         <xs:enumeration value="SquareSharp" />
299         <xs:enumeration value="RoundPC" />
300         <xs:enumeration value="RoundFresnel" />
301         <xs:enumeration value="RoundPAR" />
302         <xs:enumeration value="SquareSymmetric" />
303         <xs:enumeration value="SquareAssymetric" />
304         <xs:enumeration value="RoundLambertian" />
305         <xs:enumeration value="SquareLambertian" />
306         <xs:enumeration value="SquarePanel" />
307         <xs:enumeration value="DonutLambertian" />
308         <xs:enumeration value="DonutSymmetric" />
309         <xs:enumeration value="RoundBeam" />
310         <xs:enumeration value="Spherical" />

```



```

286     </xs:restriction>
287 </xs:simpleType>
288 </xs:element>
289 <xs:element name="Aperture" minOccurs="0" maxOccurs="unbounded">
290   <xs:complexType>
291     <xs:attribute name="Cell" type="xs:unsignedInt" use="required" />
292     <xs:attribute name="X" type="xs:float" use="required" />
293     <xs:attribute name="Y" type="xs:float" use="required" />
294     <xs:attribute name="Diameter" type="xs:float" use="optional" />
295     <xs:attribute name="Width" type="xs:float" use="optional" />
296     <xs:attribute name="Height" type="xs:float" use="optional" />
297     <xs:attribute name="PixelPitch" type="xs:float" use="optional" />
298     <xs:attribute name="PixelSize" type="xs:float" use="optional" />
299     <xs:attribute name="InnerDiameter" type="xs:float" use="optional" />
300     <xs:attribute name="OuterDiameter" type="xs:float" use="optional" />
301     <xs:attribute name="StartAngle" type="xs:float" use="optional" />
302     <xs:attribute name="EndAngle" type="xs:float" use="optional" />
303   </xs:complexType>
304 </xs:element>
305 </xs:sequence>
306   <xs:attribute name="Name" type="xs:string" use="optional"/>
307 </xs:complexType>
308 </xs:element>
309 <xs:element name="Wheel" minOccurs="0" maxOccurs="unbounded">
310   <xs:complexType>
311     <xs:sequence>
312       <xs:element name="Type" minOccurs="1" maxOccurs="1">
313         <xs:simpleType>
314           <xs:restriction base="xs:string">
315             <xs:enumeration value="Wheel" />
316             <xs:enumeration value="Scroller" />
317           </xs:restriction>
318         </xs:simpleType>
319       </xs:element>
320       <xs:element name="MinRotationTime" type="xs:float" minOccurs="1" maxOccurs="1"/>
321       <xs:element name="MaxRotationTime" type="xs:float" minOccurs="1" maxOccurs="1"/>
322       <xs:element name="MinFrameRotationTime" type="xs:float" minOccurs="1" maxOccurs="1"/>
323       <xs:element name="MaxFrameRotationTime" type="xs:float" minOccurs="1" maxOccurs="1"/>
324       <xs:element name="Slots">
325         <xs:complexType>
326           <xs:choice minOccurs="0" maxOccurs="unbounded">
327             <xs:element name="Open">
328               <xs:complexType></xs:complexType>
329             </xs:element>
330             <xs:element name="Filter">
331               <xs:complexType>
332                 <xs:attribute name="Identifier" type="xs:string" use="required"/>
333                 <xs:attribute name="Brand" type="xs:string" use="required"/>
334                 <xs:attribute name="Code" type="xs:string" use="optional"/>
335                 <xs:attribute name="Name" type="xs:string" use="optional"/>
336                 <xs:attribute name="PartNo" type="xs:string" use="optional"/>
337                 <xs:attribute name="Origin" type="xs:string" use="optional"/>
338               </xs:complexType>
339             </xs:element>
340             <xs:element name="Gobo">
341               <xs:complexType>
342                 <xs:attribute name="Identifier" type="xs:string" use="required"/>
343                 <xs:attribute name="Brand" type="xs:string" use="required"/>
344                 <xs:attribute name="Code" type="xs:string" use="optional"/>
345                 <xs:attribute name="Name" type="xs:string" use="optional"/>
346                 <xs:attribute name="PartNo" type="xs:string" use="optional"/>
347                 <xs:attribute name="Origin" type="xs:string" use="optional"/>
348                 <xs:attribute name="Type" type="cef:tGoboType" use="required"/>
349               </xs:complexType>
350             </xs:element>
351           </xs:choice>
352         </xs:complexType>
353       </xs:sequence>
354       <xs:attribute name="Identifier" type="xs:string" use="required"/>
355       <xs:attribute name="Name" type="xs:string" use="required"/>
356       <xs:attribute name="Index" type="xs:unsignedInt" use="required"/>
357     </xs:complexType>
358 </xs:element>

```

```

311     </xs:restriction>
312 </xs:simpleType>
313 </xs:element>
314 <xs:element name="Aperture" minOccurs="0" maxOccurs="unbounded">
315   <xs:complexType>
316     <xs:attribute name="Cell" type="xs:unsignedInt" use="required" />
317     <xs:attribute name="X" type="xs:float" use="required" />
318     <xs:attribute name="Y" type="xs:float" use="required" />
319     <xs:attribute name="Diameter" type="xs:float" use="optional" />
320     <xs:attribute name="Width" type="xs:float" use="optional" />
321     <xs:attribute name="Height" type="xs:float" use="optional" />
322     <xs:attribute name="PixelPitch" type="xs:float" use="optional" />
323     <xs:attribute name="PixelSize" type="xs:float" use="optional" />
324     <xs:attribute name="InnerDiameter" type="xs:float" use="optional" />
325     <xs:attribute name="OuterDiameter" type="xs:float" use="optional" />
326     <xs:attribute name="StartAngle" type="xs:float" use="optional" />
327     <xs:attribute name="EndAngle" type="xs:float" use="optional" />
328   </xs:complexType>
329 </xs:element>
330 </xs:sequence>
331   <xs:attribute name="Name" type="xs:string" use="optional"/>
332 </xs:complexType>
333 </xs:element>
334 <xs:element name="Wheel" minOccurs="0" maxOccurs="unbounded">
335   <xs:complexType>
336     <xs:sequence>
337       <xs:element name="Type" minOccurs="1" maxOccurs="1">
338         <xs:simpleType>
339           <xs:restriction base="xs:string">
340             <xs:enumeration value="Wheel" />
341             <xs:enumeration value="Scroller" />
342           </xs:restriction>
343         </xs:simpleType>
344       </xs:element>
345       <xs:element name="MinRotationTime" type="xs:float" minOccurs="1" maxOccurs="1"/>
346       <xs:element name="MaxRotationTime" type="xs:float" minOccurs="1" maxOccurs="1"/>
347       <xs:element name="MinFrameRotationTime" type="xs:float" minOccurs="1" maxOccurs="1"/>
348       <xs:element name="MaxFrameRotationTime" type="xs:float" minOccurs="1" maxOccurs="1"/>
349       <xs:element name="Slots">
350         <xs:complexType>
351           <xs:choice minOccurs="0" maxOccurs="unbounded">
352             <xs:element name="Open">
353               <xs:complexType></xs:complexType>
354             </xs:element>
355             <xs:element name="Filter">
356               <xs:complexType>
357                 <xs:attribute name="Identifier" type="xs:string" use="required"/>
358                 <xs:attribute name="Brand" type="xs:string" use="required"/>
359                 <xs:attribute name="Code" type="xs:string" use="optional"/>
360                 <xs:attribute name="Name" type="xs:string" use="optional"/>
361                 <xs:attribute name="PartNo" type="xs:string" use="optional"/>
362                 <xs:attribute name="Origin" type="xs:string" use="optional"/>
363               </xs:complexType>
364             </xs:element>
365             <xs:element name="Gobo">
366               <xs:complexType>
367                 <xs:attribute name="Identifier" type="xs:string" use="required"/>
368                 <xs:attribute name="Brand" type="xs:string" use="required"/>
369                 <xs:attribute name="Code" type="xs:string" use="optional"/>
370                 <xs:attribute name="Name" type="xs:string" use="optional"/>
371                 <xs:attribute name="PartNo" type="xs:string" use="optional"/>
372                 <xs:attribute name="Origin" type="xs:string" use="optional"/>
373                 <xs:attribute name="Type" type="cef:tGoboType" use="required"/>
374               </xs:complexType>
375             </xs:element>
376           </xs:choice>
377         </xs:complexType>
378       </xs:sequence>
379       <xs:attribute name="Identifier" type="xs:string" use="required"/>
380       <xs:attribute name="Name" type="xs:string" use="required"/>
381       <xs:attribute name="Index" type="xs:unsignedInt" use="required"/>
382     </xs:complexType>
383 </xs:element>

```

```
360 <xs:element name="DmxMode" minOccurs="0" maxOccurs="unbounded">
361   <xs:complexType>
362     <xs:sequence>
363       <xs:element name="Option" minOccurs="0" maxOccurs="unbounded">
364         <xs:complexType>
365           <xs:attribute name="Name" type="xs:string" use="required" />
366           <xs:attribute name="Type" use="required">
367             <xs:simpleType>
368               <xs:restriction base="xs:string">
369                 <xs:enumeration value="Integer" />
370                 <xs:enumeration value="Boolean" />
371                 <xs:enumeration value="Text" />
372               </xs:restriction>
373             </xs:simpleType>
374           </xs:attribute>
375           <xs:attribute name="Value" type="xs:string" use="required" />
376         </xs:complexType>
377       </xs:element>
378       <xs:element name="ChannelLayout" minOccurs="1" maxOccurs="1">
379         <xs:complexType>
380           <xs:sequence>
381             <xs:element name="Channel" minOccurs="0" maxOccurs="512">
382               <xs:complexType>
383                 <xs:choice minOccurs="0" maxOccurs="unbounded">
384                   <!-- Additive light output -->
385                   <xs:element name="SetLightSuperIntensityLevel" type="cef:tSimpleCellLevelCom
mand" minOccurs="0" maxOccurs="unbounded" />
386                   <xs:element name="SetLightIntensityLevel" type="cef:tSimpleCellLevelCommand"
minOccurs="0" maxOccurs="unbounded" />
387                   <xs:element name="SetLightColorRenderingIndex" type="cef:tSetCellLightColorR
enderingIndexLevelCommand" minOccurs="0" maxOccurs="unbounded" />
388                   <xs:element name="SetLightMode" type="cef:tSetLightModeCommand" minOccurs="0
" maxOccurs="unbounded" />
389                   <xs:element name="SetWhiteLightLevel" type="cef:tSetCellLightWideLevelComman
d" minOccurs="0" maxOccurs="unbounded" />
390                   <xs:element name="SetRedLightLevel" type="cef:tSetCellLightWideLevelCommand"
minOccurs="0" maxOccurs="unbounded" />
391                   <xs:element name="SetGreenLightLevel" type="cef:tSetCellLightWideLevelComman
d" minOccurs="0" maxOccurs="unbounded" />
392                   <xs:element name="SetBlueLightLevel" type="cef:tSetCellLightWideLevelCommand"
minOccurs="0" maxOccurs="unbounded" />
393                   <xs:element name="SetAuxColor1LightLevel" type="cef:tSetCellLightWideLevelCo
mmand" minOccurs="0" maxOccurs="unbounded" />
394                   <xs:element name="SetAuxColor2LightLevel" type="cef:tSetCellLightWideLevelCo
mmand" minOccurs="0" maxOccurs="unbounded" />
395                   <xs:element name="SetAuxColor3LightLevel" type="cef:tSetCellLightWideLevelCo
mmand" minOccurs="0" maxOccurs="unbounded" />
396                   <xs:element name="SetAuxColor4LightLevel" type="cef:tSetCellLightWideLevelCo
mmand" minOccurs="0" maxOccurs="unbounded" />
397                   <xs:element name="SetAuxColor5LightLevel" type="cef:tSetCellLightWideLevelCo
mmand" minOccurs="0" maxOccurs="unbounded" />
398                   <xs:element name="SetLightColorTemperatureLevel" type="cef:tSetCellLightColo
rTemperatureLevelCommand" minOccurs="0" maxOccurs="unbounded" />
399                   <xs:element name="SetLightRedLevel" type="cef:tSetCellLightLevelCommand" min
Occurs="0" maxOccurs="unbounded" />
400                   <xs:element name="SetLightGreenLevel" type="cef:tSetCellLightLevelCommand" m
inOccurs="0" maxOccurs="unbounded" />
401                   <xs:element name="SetLightBlueLevel" type="cef:tSetCellLightLevelCommand" mi
nOccurs="0" maxOccurs="unbounded" />
402                   <xs:element name="SetLightHueLevel" type="cef:tSetCellLightLevelCommand" min
Occurs="0" maxOccurs="unbounded" />
403                   <xs:element name="SetLightSaturationLevel" type="cef:tSetCellLightLevelComma
nd" minOccurs="0" maxOccurs="unbounded" />
404                   <xs:element name="SetLightValueLevel" type="cef:tSetCellLightLevelCommand" m
inOccurs="0" maxOccurs="unbounded" />
405                   <xs:element name="SetLightTargetColorTemperatureLevel" type="cef:tSetCellLig
```

```
385 <xs:element name="DmxMode" minOccurs="0" maxOccurs="unbounded">
386   <xs:complexType>
387     <xs:sequence>
388       <xs:element name="Option" minOccurs="0" maxOccurs="unbounded">
389         <xs:complexType>
390           <xs:attribute name="Name" type="xs:string" use="required" />
391           <xs:attribute name="Type" use="required">
392             <xs:simpleType>
393               <xs:restriction base="xs:string">
394                 <xs:enumeration value="Integer" />
395                 <xs:enumeration value="Boolean" />
396                 <xs:enumeration value="Text" />
397               </xs:restriction>
398             </xs:simpleType>
399           </xs:attribute>
400           <xs:attribute name="Value" type="xs:string" use="required" />
401         </xs:complexType>
402       </xs:element>
403       <xs:element name="ChannelLayout" minOccurs="1" maxOccurs="1">
404         <xs:complexType>
405           <xs:sequence>
406             <xs:element name="Channel" minOccurs="0" maxOccurs="512">
407               <xs:complexType>
408                 <xs:choice minOccurs="0" maxOccurs="unbounded">
409                   <!-- Additive light output -->
410                   <xs:element name="SetLightSuperIntensityLevel" type="cef:tSimpleCellLevelCom
mand" minOccurs="0" maxOccurs="unbounded" />
411                   <xs:element name="SetLightEnabled" type="cef:tSetCellLightEnabledCommand" mi
nOccurs="0" maxOccurs="unbounded" />
412                   <xs:element name="SetLightIntensityLevel" type="cef:tSimpleCellLevelCommand"
minOccurs="0" maxOccurs="unbounded" />
413                   <xs:element name="SetLightColorRenderingIndex" type="cef:tSetCellLightColorR
enderingIndexLevelCommand" minOccurs="0" maxOccurs="unbounded" />
414                   <xs:element name="SetLightMode" type="cef:tSetLightModeCommand" minOccurs="0
" maxOccurs="unbounded" />
415                   <xs:element name="SetWhiteLightLevel" type="cef:tSetCellLightWideLevelComman
d" minOccurs="0" maxOccurs="unbounded" />
416                   <xs:element name="SetRedLightLevel" type="cef:tSetCellLightWideLevelCommand"
minOccurs="0" maxOccurs="unbounded" />
417                   <xs:element name="SetGreenLightLevel" type="cef:tSetCellLightWideLevelComman
d" minOccurs="0" maxOccurs="unbounded" />
418                   <xs:element name="SetBlueLightLevel" type="cef:tSetCellLightWideLevelCommand"
minOccurs="0" maxOccurs="unbounded" />
419                   <xs:element name="SetAuxColor1LightLevel" type="cef:tSetCellLightWideLevelCo
mmand" minOccurs="0" maxOccurs="unbounded" />
420                   <xs:element name="SetAuxColor2LightLevel" type="cef:tSetCellLightWideLevelCo
mmand" minOccurs="0" maxOccurs="unbounded" />
421                   <xs:element name="SetAuxColor3LightLevel" type="cef:tSetCellLightWideLevelCo
mmand" minOccurs="0" maxOccurs="unbounded" />
422                   <xs:element name="SetAuxColor4LightLevel" type="cef:tSetCellLightWideLevelCo
mmand" minOccurs="0" maxOccurs="unbounded" />
423                   <xs:element name="SetAuxColor5LightLevel" type="cef:tSetCellLightWideLevelCo
mmand" minOccurs="0" maxOccurs="unbounded" />
424                   <xs:element name="SetLightColorTemperatureLevel" type="cef:tSetCellLightColo
rTemperatureLevelCommand" minOccurs="0" maxOccurs="unbounded" />
425                   <xs:element name="SetLightRedLevel" type="cef:tSetCellLightLevelCommand" min
Occurs="0" maxOccurs="unbounded" />
426                   <xs:element name="SetLightGreenLevel" type="cef:tSetCellLightLevelCommand" m
inOccurs="0" maxOccurs="unbounded" />
427                   <xs:element name="SetLightBlueLevel" type="cef:tSetCellLightLevelCommand" mi
nOccurs="0" maxOccurs="unbounded" />
428                   <xs:element name="SetLightHueLevel" type="cef:tSetCellLightLevelCommand" min
Occurs="0" maxOccurs="unbounded" />
429                   <xs:element name="SetLightSaturationLevel" type="cef:tSetCellLightLevelComma
nd" minOccurs="0" maxOccurs="unbounded" />
430                   <xs:element name="SetLightValueLevel" type="cef:tSetCellLightLevelCommand" m
inOccurs="0" maxOccurs="unbounded" />
431                   <xs:element name="SetLightChromaticityXLevel" type="cef:tSetCellLightLevelCo
mmand" minOccurs="0" maxOccurs="unbounded" />
432                   <xs:element name="SetLightChromaticityYLevel" type="cef:tSetCellLightLevelCo
mmand" minOccurs="0" maxOccurs="unbounded" />
433                   <xs:element name="SetLightLuminanceLevel" type="cef:tSetCellLightLevelComman
d" minOccurs="0" maxOccurs="unbounded" />
434                   <xs:element name="SetLightTargetColorTemperatureLevel" type="cef:tSetCellLig
```



```

483 <xs:element name="SetLampOff" type="cef:tSimpleCommand" minOccurs="0" maxOccurs="unbounded" />
484 <xs:element name="SetLampMode" type="cef:tSetLampModeCommand" minOccurs="0" maxOccurs="unbounded" />
485 <xs:element name="CustomLampCommand" type="cef:tCustomCommand" minOccurs="0" maxOccurs="unbounded" />
486 <xs:element name="SetLaserOn" type="cef:tSimpleCommand" minOccurs="0" maxOccurs="unbounded" />
487 <xs:element name="SetLaserOff" type="cef:tSimpleCommand" minOccurs="0" maxOccurs="unbounded" />
488 <xs:element name="SetLaserStrobe" type="cef:tSetLaserStrobeCommand" minOccurs="0" maxOccurs="unbounded" />
489 <xs:element name="SetFanMode" type="cef:tSetFanModeCommand" minOccurs="0" maxOccurs="unbounded" />
490 <xs:element name="CustomFanCommand" type="cef:tCustomCommand" minOccurs="0" maxOccurs="unbounded" />
491 <xs:element name="Reset" type="cef:tResetCommand" minOccurs="0" maxOccurs="unbounded" />
492 <xs:element name="NoFunction" type="cef:tSimpleCommand" minOccurs="0" maxOccurs="unbounded" />
493 <xs:element name="Reserved" type="cef:tSimpleCommand" minOccurs="0" maxOccurs="unbounded" />
494 <xs:element name="CustomCommand" type="cef:tCustomCommand" minOccurs="0" maxOccurs="unbounded" />
495 <xs:element name="SetPreset" type="cef:tPresetCommand" minOccurs="0" maxOccurs="unbounded" />
496 <xs:element name="SetPresetScroll" type="cef:tPresetScrollCommand" minOccurs="0" maxOccurs="unbounded" />
497 <xs:element name="SetPresetScrollSpeed" type="cef:tSimpleSpeedCommand" minOccurs="0" maxOccurs="unbounded" />
498 <xs:element name="Macro" type="cef:tTextCommand" minOccurs="0" maxOccurs="unbounded" />
499 </xs:choice>
500 <xs:attribute name="Type" use="required">
501 <xs:simpleType>
502 <xs:restriction base="xs:string">
503 <xs:enumeration value="8Bit" />
504 <xs:enumeration value="16BitMsb" />
505 <xs:enumeration value="16BitLsb" />
506 </xs:restriction>
507 </xs:simpleType>
508 </xs:attribute>
509 <xs:attribute name="OsbChannelIndex" use="optional" type="xs:unsignedInt" />
510 <xs:attribute name="Name" use="required"/>
511 <xs:attribute name="ShortName" use="optional"/>
512 <xs:attribute name="DefaultLevel" use="optional"/>
513 <xs:attribute name="DefaultLevelType" use="optional">
514 <xs:simpleType>
515 <xs:restriction base="xs:string">
516 <xs:enumeration value="Explicit" />
517 <xs:enumeration value="Computed" />
518 </xs:restriction>
519 </xs:simpleType>
520 </xs:attribute>
521 <xs:attribute name="LocateLevel" use="optional"/>
522 </xs:complexType>
523 </xs:element>
524 </xs:sequence>
525 </xs:complexType>
526 </xs:element>
527 <xs:element name="Function" minOccurs="0" maxOccurs="unbounded">
528 <xs:complexType>
529 <xs:sequence minOccurs="1" maxOccurs="unbounded">
530 <xs:element name="Step" minOccurs="1" maxOccurs="unbounded">
531 <xs:complexType>
532 <xs:sequence>
533 <xs:element name="Parameter" minOccurs="0" maxOccurs="unbounded">
534 <xs:complexType>
535 <xs:attribute name="ChannelIndex" type="xs:unsignedInt" use="required" />
536 <xs:attribute name="DMX" type="xs:int" use="required" />
537 </xs:complexType>
538 </xs:element>
539 </xs:sequence>
540 <xs:attribute name="Time" type="xs:float" use="required" />

```

```

512 <xs:element name="SetLampOff" type="cef:tSimpleCommand" minOccurs="0" maxOccurs="unbounded" />
513 <xs:element name="SetLampMode" type="cef:tSetLampModeCommand" minOccurs="0" maxOccurs="unbounded" />
514 <xs:element name="CustomLampCommand" type="cef:tCustomCommand" minOccurs="0" maxOccurs="unbounded" />
515 <xs:element name="SetLaserOn" type="cef:tSimpleCommand" minOccurs="0" maxOccurs="unbounded" />
516 <xs:element name="SetLaserOff" type="cef:tSimpleCommand" minOccurs="0" maxOccurs="unbounded" />
517 <xs:element name="SetLaserStrobe" type="cef:tSetLaserStrobeCommand" minOccurs="0" maxOccurs="unbounded" />
518 <xs:element name="SetFanMode" type="cef:tSetFanModeCommand" minOccurs="0" maxOccurs="unbounded" />
519 <xs:element name="CustomFanCommand" type="cef:tCustomCommand" minOccurs="0" maxOccurs="unbounded" />
520 <xs:element name="Reset" type="cef:tResetCommand" minOccurs="0" maxOccurs="unbounded" />
521 <xs:element name="NoFunction" type="cef:tSimpleCommand" minOccurs="0" maxOccurs="unbounded" />
522 <xs:element name="Reserved" type="cef:tSimpleCommand" minOccurs="0" maxOccurs="unbounded" />
523 <xs:element name="CustomCommand" type="cef:tCustomCommand" minOccurs="0" maxOccurs="unbounded" />
524 <xs:element name="SetPreset" type="cef:tPresetCommand" minOccurs="0" maxOccurs="unbounded" />
525 <xs:element name="SetPresetScroll" type="cef:tPresetScrollCommand" minOccurs="0" maxOccurs="unbounded" />
526 <xs:element name="SetPresetScrollSpeed" type="cef:tSimpleSpeedCommand" minOccurs="0" maxOccurs="unbounded" />
527 <xs:element name="Macro" type="cef:tTextCommand" minOccurs="0" maxOccurs="unbounded" />
528 </xs:choice>
529 <xs:attribute name="Type" use="required">
530 <xs:simpleType>
531 <xs:restriction base="xs:string">
532 <xs:enumeration value="8Bit" />
533 <xs:enumeration value="16BitMsb" />
534 <xs:enumeration value="16BitLsb" />
535 </xs:restriction>
536 </xs:simpleType>
537 </xs:attribute>
538 <xs:attribute name="OsbChannelIndex" use="optional" type="xs:unsignedInt" />
539 <xs:attribute name="Name" use="required"/>
540 <xs:attribute name="ShortName" use="optional"/>
541 <xs:attribute name="DefaultLevel" use="optional"/>
542 <xs:attribute name="DefaultLevelType" use="optional">
543 <xs:simpleType>
544 <xs:restriction base="xs:string">
545 <xs:enumeration value="Explicit" />
546 <xs:enumeration value="Computed" />
547 </xs:restriction>
548 </xs:simpleType>
549 </xs:attribute>
550 <xs:attribute name="LocateLevel" use="optional"/>
551 </xs:complexType>
552 </xs:element>
553 </xs:sequence>
554 </xs:complexType>
555 </xs:element>
556 <xs:element name="Function" minOccurs="0" maxOccurs="unbounded">
557 <xs:complexType>
558 <xs:sequence minOccurs="1" maxOccurs="unbounded">
559 <xs:element name="Step" minOccurs="1" maxOccurs="unbounded">
560 <xs:complexType>
561 <xs:sequence>
562 <xs:element name="Parameter" minOccurs="0" maxOccurs="unbounded">
563 <xs:complexType>
564 <xs:attribute name="ChannelIndex" type="xs:unsignedInt" use="required" />
565 <xs:attribute name="DMX" type="xs:int" use="required" />
566 </xs:complexType>
567 </xs:element>
568 </xs:sequence>
569 <xs:attribute name="Time" type="xs:float" use="required" />

```

```

541     </xs:complexType>
542   </xs:element>
543 </xs:sequence>
544 <xs:attribute name="Type" use="required">
545   <xs:simpleType>
546     <xs:restriction base="xs:string">
547       <xs:enumeration value="Custom" />
548       <xs:enumeration value="Lock" />
549       <xs:enumeration value="Unlock" />
550       <xs:enumeration value="LampOn" />
551       <xs:enumeration value="LampOff" />
552       <xs:enumeration value="LampModeNormal" />
553       <xs:enumeration value="LampModeLowPower" />
554       <xs:enumeration value="ResetComplete" />
555       <xs:enumeration value="ResetPanTilt" />
556       <xs:enumeration value="ResetColour" />
557       <xs:enumeration value="ResetGobo" />
558       <xs:enumeration value="ResetStrobe" />
559       <xs:enumeration value="ResetFocus" />
560       <xs:enumeration value="ResetZoom" />
561       <xs:enumeration value="ResetFrost" />
562       <xs:enumeration value="ResetIris" />
563       <xs:enumeration value="ResetAllInternal" />
564       <xs:enumeration value="FanModeSlow" />
565       <xs:enumeration value="FanModeFast" />
566     </xs:restriction>
567   </xs:simpleType>
568 </xs:attribute>
569 <xs:attribute name="CustomGroupName" type="xs:string" use="optional" />
570 <xs:attribute name="CustomName" type="xs:string" use="optional" />
571 </xs:complexType>
572 </xs:element>
573 </xs:sequence>
574 <xs:attribute name="Identifier" type="xs:string" use="required"/>
575 <xs:attribute name="Name" type="xs:string" use="required"/>
576 <xs:attribute name="ControllerIndex" type="xs:unsignedInt" use="required"/>
577 <xs:attribute name="ControllerName" type="xs:string" use="optional"/>
578 <xs:attribute name="DmxChannels" type="xs:unsignedInt" use="required"/>
579 </xs:complexType>
580 </xs:element>
581 </xs:sequence>
582 <xs:attribute name="Identifier" type="xs:string" use="required"/>
583 <xs:attribute name="Version" type="xs:unsignedInt" use="required"/>
584 <xs:attribute name="VersionDate" type="xs:date" use="required"/>
585 <xs:attribute name="Brand" type="xs:string" use="required"/>
586 <xs:attribute name="Name" type="xs:string" use="required"/>
587 <xs:attribute name="PartNo" type="xs:string" use="optional"/>
588 </xs:complexType>
589
590 <xs:simpleType name="tFixtureAxisName">
591   <xs:restriction base="xs:string">
592     <xs:enumeration value="Pan" />
593     <xs:enumeration value="Tilt" />
594     <xs:enumeration value="Pitch" />
595   </xs:restriction>
596 </xs:simpleType>
597
598 <xs:complexType name="tFixtureLightSourceColour">
599   <xs:sequence>
600     <xs:element name="sRGB" minOccurs="1" maxOccurs="1">
601       <xs:complexType>
602         <xs:attribute name="Red" type="xs:unsignedByte" use="required" />
603         <xs:attribute name="Green" type="xs:unsignedByte" use="required" />
604         <xs:attribute name="Blue" type="xs:unsignedByte" use="required" />
605       </xs:complexType>
606     </xs:element>

```

```

570     </xs:complexType>
571   </xs:element>
572 </xs:sequence>
573 <xs:attribute name="Type" use="required">
574   <xs:simpleType>
575     <xs:restriction base="xs:string">
576       <xs:enumeration value="Custom" />
577       <xs:enumeration value="Lock" />
578       <xs:enumeration value="Unlock" />
579       <xs:enumeration value="LampOn" />
580       <xs:enumeration value="LampOff" />
581       <xs:enumeration value="LampModeNormal" />
582       <xs:enumeration value="LampModeLowPower" />
583       <xs:enumeration value="ResetComplete" />
584       <xs:enumeration value="ResetPanTilt" />
585       <xs:enumeration value="ResetColour" />
586       <xs:enumeration value="ResetGobo" />
587       <xs:enumeration value="ResetStrobe" />
588       <xs:enumeration value="ResetFocus" />
589       <xs:enumeration value="ResetZoom" />
590       <xs:enumeration value="ResetFrost" />
591       <xs:enumeration value="ResetIris" />
592       <xs:enumeration value="ResetAllInternal" />
593       <xs:enumeration value="FanModeSlow" />
594       <xs:enumeration value="FanModeFast" />
595     </xs:restriction>
596   </xs:simpleType>
597 </xs:attribute>
598 <xs:attribute name="CustomGroupName" type="xs:string" use="optional" />
599 <xs:attribute name="CustomName" type="xs:string" use="optional" />
600 </xs:complexType>
601 </xs:element>
602 </xs:sequence>
603 <xs:attribute name="Identifier" type="xs:string" use="required"/>
604 <xs:attribute name="Name" type="xs:string" use="required"/>
605 <xs:attribute name="ControllerIndex" type="xs:unsignedInt" use="required"/>
606 <xs:attribute name="ControllerName" type="xs:string" use="optional"/>
607 <xs:attribute name="DmxChannels" type="xs:unsignedInt" use="required"/>
608 </xs:complexType>
609 </xs:element>
610 </xs:sequence>
611 <xs:attribute name="Identifier" type="xs:string" use="required"/>
612 <xs:attribute name="Version" type="xs:unsignedInt" use="required"/>
613 <xs:attribute name="VersionDate" type="xs:date" use="required"/>
614 <xs:attribute name="Brand" type="xs:string" use="required"/>
615 <xs:attribute name="Name" type="xs:string" use="required"/>
616 <xs:attribute name="Visibility" type="cef:tVisibility" use="required" />
617 <xs:attribute name="PartNo" type="xs:string" use="optional"/>
618 </xs:complexType>
619
620 <xs:complexType name="tFixtureColorFlag">
621   <xs:sequence>
622     <xs:element name="Color" type="cef:tFilterColor" minOccurs="1" maxOccurs="1" />
623     <xs:element name="CCT" type="xs:int" minOccurs="0" maxOccurs="1" />
624   </xs:sequence>
625 </xs:complexType>
626
627 <xs:simpleType name="tFixtureAxisName">
628   <xs:restriction base="xs:string">
629     <xs:enumeration value="Pan" />
630     <xs:enumeration value="Tilt" />
631     <xs:enumeration value="Pitch" />
632   </xs:restriction>
633 </xs:simpleType>
634
635 <xs:complexType name="tFixtureLightSourceColour">
636   <xs:sequence>
637     <xs:element name="sRGB" minOccurs="1" maxOccurs="1">
638       <xs:complexType>
639         <xs:attribute name="Red" type="xs:unsignedByte" use="required" />
640         <xs:attribute name="Green" type="xs:unsignedByte" use="required" />
641         <xs:attribute name="Blue" type="xs:unsignedByte" use="required" />
642       </xs:complexType>
643     </xs:element>

```

```

607     <xs:element name="CIE1931" minOccurs="0" maxOccurs="1">
608         <xs:complexType>
609             <xs:attribute name="x" type="xs:float" use="required" />
610             <xs:attribute name="y" type="xs:float" use="required" />
611             <xs:attribute name="Y" type="xs:float" use="required" />
612         </xs:complexType>
613     </xs:element>
614 </xs:sequence>
615     <xs:attribute name="Name" type="xs:string" use="optional" />
616 </xs:complexType>
617
618 <xs:complexType name="tFixtureLightSourceOpticTraits">
619     <xs:sequence>
620         <xs:element name="HorizontalFieldAngle" type="xs:float" minOccurs="1" maxOccurs="1" />
621         <xs:element name="VerticalFieldAngle" type="xs:float" minOccurs="1" maxOccurs="1" />
622         <xs:element name="Photometrics" minOccurs="0" maxOccurs="1">
623             <xs:complexType>
624                 <xs:sequence>
625                     <xs:element name="LuminousFlux" type="xs:float" minOccurs="1" maxOccurs="1" />
626                 </xs:sequence>
627             </xs:complexType>
628         </xs:element>
629     </xs:sequence>
630 </xs:complexType>
631
632 <!-- Media server -->
633 <xs:complexType name="tMediaServer">
634     <xs:sequence>
635         <xs:element name="Layers" minOccurs="1" maxOccurs="1">
636             <xs:complexType>
637                 <xs:sequence>
638                     <xs:element name="Layer" type="cef:tMediaServerLayer" minOccurs="0" maxOccurs="unbounded
639 " />
640                 </xs:sequence>
641             </xs:complexType>
642         </xs:element>
643         <xs:element name="Lists" minOccurs="1" maxOccurs="1">
644             <xs:complexType>
645                 <xs:sequence>
646                     <xs:element name="List" type="cef:tMediaServerList" minOccurs="0" maxOccurs="unbounded"
647 " />
648                 </xs:sequence>
649             </xs:complexType>
650         </xs:element>
651         <xs:attribute name="Identifier" type="xs:string" use="required"/>
652         <xs:attribute name="Version" type="xs:unsignedInt" use="required"/>
653         <xs:attribute name="VersionDate" type="xs:date" use="required"/>
654         <xs:attribute name="Brand" type="xs:string" use="required" />
655         <xs:attribute name="Name" type="xs:string" use="required" />
656     </xs:complexType>
657
658 <xs:complexType name="tMediaServerLayer">
659     <xs:sequence>
660         <xs:element name="Channels" minOccurs="1" maxOccurs="1">
661             <xs:complexType>
662                 <xs:sequence>
663                     <xs:element name="Channel" minOccurs="1" maxOccurs="512">
664                         <xs:complexType>
665                             <xs:choice minOccurs="0" maxOccurs="unbounded">
666                                 <xs:element name="DimmerRange" type="cef:tMediaServerDimmerRange" />
667                                 <xs:element name="Range" type="cef:tMediaServerRange" />
668                                 <xs:element name="Snap" type="cef:tMediaServerSnap" />
669                             </xs:choice>
670                             <xs:attribute name="Name" type="xs:string" use="required" />
671                             <xs:attribute name="Default" type="xs:unsignedInt" use="required" />
672                             <xs:attribute name="Bits" use="optional">
673                                 <xs:simpleType>
674                                     <xs:restriction base="xs:int">
675                                         <xs:enumeration value="8" />
676                                         <xs:enumeration value="16" />
677                                         <xs:enumeration value="24" />
678                                         <xs:enumeration value="32" />
679                                     </xs:restriction>
680                                 </xs:simpleType>
681                             </xs:complexType>
682                         </xs:element>
683                     </xs:sequence>
684                 </xs:complexType>
685             </xs:element>
686         </xs:sequence>
687         <xs:attribute name="Identifier" type="xs:string" use="required"/>
688         <xs:attribute name="Version" type="xs:unsignedInt" use="required"/>
689         <xs:attribute name="VersionDate" type="xs:date" use="required"/>
690         <xs:attribute name="Brand" type="xs:string" use="required" />
691         <xs:attribute name="Name" type="xs:string" use="required" />
692     </xs:complexType>
693
694 <xs:complexType name="tMediaServerLayer">
695     <xs:sequence>
696         <xs:element name="Channels" minOccurs="1" maxOccurs="1">
697             <xs:complexType>
698                 <xs:sequence>
699                     <xs:element name="Channel" minOccurs="1" maxOccurs="512">
700                         <xs:complexType>
701                             <xs:choice minOccurs="0" maxOccurs="unbounded">
702                                 <xs:element name="DimmerRange" type="cef:tMediaServerDimmerRange" />
703                                 <xs:element name="Range" type="cef:tMediaServerRange" />
704                                 <xs:element name="Snap" type="cef:tMediaServerSnap" />
705                             </xs:choice>
706                             <xs:attribute name="Name" type="xs:string" use="required" />
707                             <xs:attribute name="Default" type="xs:unsignedInt" use="required" />
708                             <xs:attribute name="Bits" use="optional">
709                                 <xs:simpleType>
710                                     <xs:restriction base="xs:int">
711                                         <xs:enumeration value="8" />
712                                         <xs:enumeration value="16" />
713                                         <xs:enumeration value="24" />
714                                         <xs:enumeration value="32" />
715                                     </xs:restriction>
716                                 </xs:simpleType>
717                             </xs:complexType>
718                         </xs:element>
719                     </xs:sequence>
720                 </xs:complexType>
721             </xs:element>
722         </xs:sequence>
723         <xs:attribute name="Identifier" type="xs:string" use="required"/>
724         <xs:attribute name="Version" type="xs:unsignedInt" use="required"/>
725         <xs:attribute name="VersionDate" type="xs:date" use="required"/>
726         <xs:attribute name="Brand" type="xs:string" use="required" />
727         <xs:attribute name="Name" type="xs:string" use="required" />
728     </xs:complexType>

```

```

679     </xs:simpleType>
680 </xs:attribute>
681 <xs:attribute name="Table" type="xs:string" use="optional" />
682 <xs:attribute name="TableFunction" use="optional">
683   <xs:simpleType>
684     <xs:restriction base="xs:string">
685       <xs:enumeration value="Selector" />
686       <xs:enumeration value="Parameter" />
687     </xs:restriction>
688   </xs:simpleType>
689 </xs:attribute>
690 <xs:attribute name="TableParameterName" type="xs:string" use="optional" />
691 <xs:attribute name="CITPMediaType" use="optional">
692   <xs:simpleType>
693     <xs:restriction base="xs:string">
694       <xs:enumeration value="Media" />
695       <xs:enumeration value="Effects" />
696       <xs:enumeration value="Cues" />
697       <xs:enumeration value="Crossfades" />
698       <xs:enumeration value="Masks" />
699       <xs:enumeration value="Blend Presets" />
700       <xs:enumeration value="Effect Presets" />
701       <xs:enumeration value="Image Presets" />
702       <xs:enumeration value="3D Meshes" />
703     </xs:restriction>
704   </xs:simpleType>
705 </xs:attribute>
706 <xs:attribute name="CITPMediaLevel" use="optional">
707   <xs:simpleType>
708     <xs:restriction base="xs:int">
709       <xs:minInclusive value="1" />
710       <xs:maxInclusive value="4" />
711     </xs:restriction>
712   </xs:simpleType>
713 </xs:attribute>
714 <xs:attribute name="CITPPParameterIndex" type="xs:byte" use="optional" />
715 </xs:complexType>
716 </xs:element>
717 </xs:sequence>
718 </xs:complexType>
719 </xs:element>
720 </xs:sequence>
721 <xs:attribute name="Identifier" type="xs:string" use="required"/>
722 <xs:attribute name="Name" type="xs:string" use="required" />
723 </xs:complexType>
724
725 <xs:complexType name="tMediaServerDimmerRange">
726   <xs:attribute name="Start" type="xs:unsignedInt" use="required" />
727   <xs:attribute name="End" type="xs:unsignedInt" use="required" />
728   <xs:attribute name="DimmerFrom" use="required">
729     <xs:simpleType>
730       <xs:restriction base="xs:float">
731         <xs:minInclusive value="0" />
732         <xs:maxInclusive value="1" />
733       </xs:restriction>
734     </xs:simpleType>
735   </xs:attribute>
736   <xs:attribute name="DimmerTo" use="required">
737     <xs:simpleType>
738       <xs:restriction base="xs:float">
739         <xs:minInclusive value="0" />
740         <xs:maxInclusive value="1" />
741       </xs:restriction>
742     </xs:simpleType>
743   </xs:attribute>
744 </xs:complexType>
745
746 <xs:complexType name="tMediaServerRange">
747   <xs:attribute name="Start" type="xs:unsignedInt" use="required" />
748   <xs:attribute name="End" type="xs:unsignedInt" use="required" />
749   <!-- Substitute ### with the 8-bit DMX level -->
750   <!-- Substitute ###.## with the 16-bit DMX level divided by 100 -->
751   <xs:attribute name="Text" type="xs:string" use="required" />
752   <xs:attribute name="From" type="xs:string" use="required" />

```

```

716     </xs:simpleType>
717 </xs:attribute>
718 <xs:attribute name="Table" type="xs:string" use="optional" />
719 <xs:attribute name="TableFunction" use="optional">
720   <xs:simpleType>
721     <xs:restriction base="xs:string">
722       <xs:enumeration value="Selector" />
723       <xs:enumeration value="Parameter" />
724     </xs:restriction>
725   </xs:simpleType>
726 </xs:attribute>
727 <xs:attribute name="TableParameterName" type="xs:string" use="optional" />
728 <xs:attribute name="CITPMediaType" use="optional">
729   <xs:simpleType>
730     <xs:restriction base="xs:string">
731       <xs:enumeration value="Media" />
732       <xs:enumeration value="Effects" />
733       <xs:enumeration value="Cues" />
734       <xs:enumeration value="Crossfades" />
735       <xs:enumeration value="Masks" />
736       <xs:enumeration value="Blend Presets" />
737       <xs:enumeration value="Effect Presets" />
738       <xs:enumeration value="Image Presets" />
739       <xs:enumeration value="3D Meshes" />
740     </xs:restriction>
741   </xs:simpleType>
742 </xs:attribute>
743 <xs:attribute name="CITPMediaLevel" use="optional">
744   <xs:simpleType>
745     <xs:restriction base="xs:int">
746       <xs:minInclusive value="1" />
747       <xs:maxInclusive value="4" />
748     </xs:restriction>
749   </xs:simpleType>
750 </xs:attribute>
751 <xs:attribute name="CITPPParameterIndex" type="xs:byte" use="optional" />
752 </xs:complexType>
753 </xs:element>
754 </xs:sequence>
755 </xs:complexType>
756 </xs:element>
757 </xs:sequence>
758 <xs:attribute name="Identifier" type="xs:string" use="required"/>
759 <xs:attribute name="Name" type="xs:string" use="required" />
760 </xs:complexType>
761
762 <xs:complexType name="tMediaServerDimmerRange">
763   <xs:attribute name="Start" type="xs:unsignedInt" use="required" />
764   <xs:attribute name="End" type="xs:unsignedInt" use="required" />
765   <xs:attribute name="DimmerFrom" use="required">
766     <xs:simpleType>
767       <xs:restriction base="xs:float">
768         <xs:minInclusive value="0" />
769         <xs:maxInclusive value="1" />
770       </xs:restriction>
771     </xs:simpleType>
772   </xs:attribute>
773   <xs:attribute name="DimmerTo" use="required">
774     <xs:simpleType>
775       <xs:restriction base="xs:float">
776         <xs:minInclusive value="0" />
777         <xs:maxInclusive value="1" />
778       </xs:restriction>
779     </xs:simpleType>
780   </xs:attribute>
781 </xs:complexType>
782
783 <xs:complexType name="tMediaServerRange">
784   <xs:attribute name="Start" type="xs:unsignedInt" use="required" />
785   <xs:attribute name="End" type="xs:unsignedInt" use="required" />
786   <!-- Substitute ### with the 8-bit DMX level -->
787   <!-- Substitute ###.## with the 16-bit DMX level divided by 100 -->
788   <xs:attribute name="Text" type="xs:string" use="required" />
789   <xs:attribute name="From" type="xs:string" use="required" />

```



```

753     <xs:attribute name="To" type="xs:string" use="required" />
754 </xs:complexType>
755
756 <xs:complexType name="tMediaServerSnap">
757   <xs:attribute name="Start" type="xs:unsignedInt" use="required" />
758   <xs:attribute name="End" type="xs:unsignedInt" use="required" />
759   <!-- Substitute ### with the 8-bit DMX level -->
760   <!-- Substitute ###.## with the 16-bit DMX level divided by 100 -->
761   <xs:attribute name="Text" type="xs:string" use="required" />
762   <xs:attribute name="To" type="xs:string" use="optional" />
763 </xs:complexType>
764
765 <xs:complexType name="tMediaServerList">
766   <xs:sequence>
767     <xs:element name="Entry" minOccurs="1" maxOccurs="255">
768       <xs:complexType>
769         <xs:sequence>
770           <xs:element name="Parameter" minOccurs="0" maxOccurs="unbounded">
771             <xs:complexType>
772               <xs:attribute name="Name" type="xs:string" use="required" />
773               <xs:attribute name="Function" type="xs:string" use="required" />
774             </xs:complexType>
775           </xs:element>
776         </xs:sequence>
777         <xs:attribute name="Start" type="xs:unsignedByte" use="required" />
778         <xs:attribute name="End" type="xs:unsignedByte" use="required" />
779         <xs:attribute name="Name" type="xs:string" use="required" />
780       </xs:complexType>
781     </xs:element>
782   </xs:sequence>
783   <xs:attribute name="Name" type="xs:string" use="required" />
784 </xs:complexType>
785
786 <!-- Symbol -->
787 <xs:complexType name="tSymbol">
788   <xs:sequence>
789     <xs:element name="Shape" minOccurs="0" maxOccurs="unbounded">
790       <xs:complexType>
791         <xs:sequence>
792           <xs:element name="Point" minOccurs="2" maxOccurs="unbounded">
793             <xs:complexType>
794               <xs:attribute name="X" type="xs:float" use="required" />
795               <xs:attribute name="Y" type="xs:float" use="required" />
796             </xs:complexType>
797           </xs:element>
798         </xs:sequence>
799         <xs:attribute name="Type" use="required">
800           <xs:simpleType>
801             <xs:restriction base="xs:string">
802               <xs:enumeration value="Fill" />
803               <xs:enumeration value="Line" />
804             </xs:restriction>
805           </xs:simpleType>
806         </xs:attribute>
807       </xs:complexType>
808     </xs:element>
809   </xs:sequence>
810   <xs:attribute name="Identifier" type="xs:string" use="required"/>
811   <xs:attribute name="Version" type="xs:unsignedInt" use="required"/>
812   <xs:attribute name="VersionDate" type="xs:date" use="required"/>
813   <xs:attribute name="Brand" type="xs:string" use="required"/>
814   <xs:attribute name="Name" type="xs:string" use="optional"/>
815 </xs:complexType>
816
817 <!-- Generic DMX Mode command types -->
818 <xs:complexType name="tSimpleCommand">
819   <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
820   <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
821 </xs:complexType>
822
823 <xs:complexType name="tSimpleLevelCommand">
824   <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
825   <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
826   <xs:attribute name="ToStartLevel" type="cef:tSimpleRangeValue" use="required"/>

```

```

790     <xs:attribute name="To" type="xs:string" use="required" />
791 </xs:complexType>
792
793 <xs:complexType name="tMediaServerSnap">
794   <xs:attribute name="Start" type="xs:unsignedInt" use="required" />
795   <xs:attribute name="End" type="xs:unsignedInt" use="required" />
796   <!-- Substitute ### with the 8-bit DMX level -->
797   <!-- Substitute ###.## with the 16-bit DMX level divided by 100 -->
798   <xs:attribute name="Text" type="xs:string" use="required" />
799   <xs:attribute name="To" type="xs:string" use="optional" />
800 </xs:complexType>
801
802 <xs:complexType name="tMediaServerList">
803   <xs:sequence>
804     <xs:element name="Entry" minOccurs="1" maxOccurs="255">
805       <xs:complexType>
806         <xs:sequence>
807           <xs:element name="Parameter" minOccurs="0" maxOccurs="unbounded">
808             <xs:complexType>
809               <xs:attribute name="Name" type="xs:string" use="required" />
810               <xs:attribute name="Function" type="xs:string" use="required" />
811             </xs:complexType>
812           </xs:element>
813         </xs:sequence>
814         <xs:attribute name="Start" type="xs:unsignedByte" use="required" />
815         <xs:attribute name="End" type="xs:unsignedByte" use="required" />
816         <xs:attribute name="Name" type="xs:string" use="required" />
817       </xs:complexType>
818     </xs:element>
819   </xs:sequence>
820   <xs:attribute name="Name" type="xs:string" use="required" />
821 </xs:complexType>
822
823 <!-- Symbol -->
824 <xs:complexType name="tSymbol">
825   <xs:sequence>
826     <xs:element name="Shape" minOccurs="0" maxOccurs="unbounded">
827       <xs:complexType>
828         <xs:sequence>
829           <xs:element name="Point" minOccurs="2" maxOccurs="unbounded">
830             <xs:complexType>
831               <xs:attribute name="X" type="xs:float" use="required" />
832               <xs:attribute name="Y" type="xs:float" use="required" />
833             </xs:complexType>
834           </xs:element>
835         </xs:sequence>
836         <xs:attribute name="Type" use="required">
837           <xs:simpleType>
838             <xs:restriction base="xs:string">
839               <xs:enumeration value="Fill" />
840               <xs:enumeration value="Line" />
841             </xs:restriction>
842           </xs:simpleType>
843         </xs:attribute>
844       </xs:complexType>
845     </xs:element>
846   </xs:sequence>
847   <xs:attribute name="Identifier" type="xs:string" use="required"/>
848   <xs:attribute name="Version" type="xs:unsignedInt" use="required"/>
849   <xs:attribute name="VersionDate" type="xs:date" use="required"/>
850   <xs:attribute name="Brand" type="xs:string" use="required"/>
851   <xs:attribute name="Name" type="xs:string" use="optional"/>
852 </xs:complexType>
853
854 <!-- Generic DMX Mode command types -->
855 <xs:complexType name="tSimpleCommand">
856   <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
857   <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
858 </xs:complexType>
859
860 <xs:complexType name="tSimpleLevelCommand">
861   <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
862   <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
863   <xs:attribute name="ToStartLevel" type="cef:tSimpleRangeValue" use="required"/>

```



```
1041 </xs:complexType>
1042
1043 <xs:complexType name="tSetWheelFrameModeCommand">
1044   <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1045   <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1046   <xs:attribute name="WheelIndex" type="cef:tWheelIndex" use="required"/>
1047   <xs:attribute name="ToMode" type="cef:tWheelFrameMode" use="required"/>
1048 </xs:complexType>
1049
1050 <xs:complexType name="tSetWheelFrameSpinDirectionCommand">
1051   <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1052   <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1053   <xs:attribute name="WheelIndex" type="cef:tWheelIndex" use="required"/>
1054   <xs:attribute name="ToDirection" type="cef:tWheelSpinDirection" use="required"/>
1055 </xs:complexType>
1056
1057 <xs:complexType name="tSetWheelFramePositionCommand">
1058   <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1059   <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1060   <xs:attribute name="WheelIndex" type="cef:tWheelIndex" use="required"/>
1061   <xs:attribute name="Mode" type="cef:tWheelFrameMode" use="required"/>
1062   <xs:attribute name="ToStartLevelPosition" type="xs:float" use="required"/>
1063   <xs:attribute name="ToEndLevelPosition" type="xs:float" use="required"/>
1064 </xs:complexType>
1065
1066 <xs:complexType name="tSetWheelFrameSpeedCommand">
1067   <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1068   <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1069   <xs:attribute name="WheelIndex" type="cef:tWheelIndex" use="required"/>
1070   <xs:attribute name="Mode" type="cef:tWheelFrameMode" use="required"/>
1071   <xs:attribute name="ToStartLevelSpeed" type="xs:float" use="required"/>
1072   <xs:attribute name="ToEndLevelSpeed" type="xs:float" use="required"/>
1073 </xs:complexType>
1074
1075 <xs:complexType name="tSetFramingShutterDepthCommand">
1076   <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1077   <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1078   <xs:attribute name="Index" type="cef:tFramingShutterIndex" use="required"/>
1079   <xs:attribute name="ToStartLevelDepth" type="cef:tFramingShutterDepthValue" use="required"/>
1080   <xs:attribute name="ToEndLevelDepth" type="cef:tFramingShutterDepthValue" use="required"/>
1081 </xs:complexType>
1082
1083 <xs:complexType name="tSetFramingShutterAngleCommand">
1084   <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1085   <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1086   <xs:attribute name="Index" type="cef:tFramingShutterIndex" use="required"/>
1087   <xs:attribute name="ToStartLevelAngle" type="cef:tFramingShutterAngleValue" use="required"/>
1088   <xs:attribute name="ToEndLevelAngle" type="cef:tFramingShutterAngleValue" use="required"/>
1089 </xs:complexType>
1090
1091 <xs:complexType name="tSetFramingShutterPackageAngleCommand">
1092   <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1093   <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1094   <xs:attribute name="ToStartLevelAngle" type="xs:float" use="required"/>
1095   <xs:attribute name="ToEndLevelAngle" type="xs:float" use="required"/>
1096 </xs:complexType>
```

```
1084 </xs:complexType>
1085
1086 <xs:complexType name="tSetWheelFrameModeCommand">
1087   <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1088   <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1089   <xs:attribute name="WheelIndex" type="cef:tWheelIndex" use="required"/>
1090   <xs:attribute name="ToMode" type="cef:tWheelFrameMode" use="required"/>
1091 </xs:complexType>
1092
1093 <xs:complexType name="tSetWheelFrameSpinDirectionCommand">
1094   <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1095   <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1096   <xs:attribute name="WheelIndex" type="cef:tWheelIndex" use="required"/>
1097   <xs:attribute name="ToDirection" type="cef:tWheelSpinDirection" use="required"/>
1098 </xs:complexType>
1099
1100 <xs:complexType name="tSetWheelFramePositionCommand">
1101   <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1102   <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1103   <xs:attribute name="WheelIndex" type="cef:tWheelIndex" use="required"/>
1104   <xs:attribute name="Mode" type="cef:tWheelFrameMode" use="required"/>
1105   <xs:attribute name="ToStartLevelPosition" type="xs:float" use="required"/>
1106   <xs:attribute name="ToEndLevelPosition" type="xs:float" use="required"/>
1107 </xs:complexType>
1108
1109 <xs:complexType name="tSetWheelFrameSpeedCommand">
1110   <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1111   <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1112   <xs:attribute name="WheelIndex" type="cef:tWheelIndex" use="required"/>
1113   <xs:attribute name="Mode" type="cef:tWheelFrameMode" use="required"/>
1114   <xs:attribute name="ToStartLevelSpeed" type="xs:float" use="required"/>
1115   <xs:attribute name="ToEndLevelSpeed" type="xs:float" use="required"/>
1116 </xs:complexType>
1117
1118 <xs:complexType name="tCustomWheelCommand">
1119   <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1120   <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1121   <xs:attribute name="WheelIndex" type="cef:tWheelIndex" use="optional"/>
1122   <xs:attribute name="Usage" use="required">
1123     <xs:simpleType>
1124       <xs:restriction base="xs:string">
1125         <xs:enumeration value="Snap" />
1126         <xs:enumeration value="Range" />
1127       </xs:restriction>
1128     </xs:simpleType>
1129   </xs:attribute>
1130   <xs:attribute name="Description" type="xs:string" use="required"/>
1131   <xs:attribute name="ShortDescription" type="xs:string" use="optional"/>
1132   <xs:attribute name="From" type="xs:string" use="optional"/>
1133   <xs:attribute name="To" type="xs:string" use="optional"/>
1134 </xs:complexType>
1135
1136 <xs:complexType name="tSetFramingShutterDepthCommand">
1137   <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1138   <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1139   <xs:attribute name="Index" type="cef:tFramingShutterIndex" use="required"/>
1140   <xs:attribute name="ToStartLevelDepth" type="cef:tFramingShutterDepthValue" use="required"/>
1141   <xs:attribute name="ToEndLevelDepth" type="cef:tFramingShutterDepthValue" use="required"/>
1142 </xs:complexType>
1143
1144 <xs:complexType name="tSetFramingShutterAngleCommand">
1145   <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1146   <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1147   <xs:attribute name="Index" type="cef:tFramingShutterIndex" use="required"/>
1148   <xs:attribute name="ToStartLevelAngle" type="cef:tFramingShutterAngleValue" use="required"/>
1149   <xs:attribute name="ToEndLevelAngle" type="cef:tFramingShutterAngleValue" use="required"/>
1150 </xs:complexType>
1151
1152 <xs:complexType name="tSetFramingShutterPackageAngleCommand">
1153   <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1154   <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1155   <xs:attribute name="ToStartLevelAngle" type="xs:float" use="required"/>
1156   <xs:attribute name="ToEndLevelAngle" type="xs:float" use="required"/>
1157 </xs:complexType>
```



```

1097
1098 <xs:complexType name="tSetMotionModeCommand">
1099   <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1100   <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1101   <xs:attribute name="Index" type="cef:tAxisIndex" use="required"/>
1102   <xs:attribute name="ToMode" use="required">
1103     <xs:simpleType>
1104       <xs:restriction base="xs:string">
1105         <xs:enumeration value="Indexed" />
1106         <xs:enumeration value="Spinning" />
1107       </xs:restriction>
1108     </xs:simpleType>
1109   </xs:attribute>
1110 </xs:complexType>
1111
1112 <xs:complexType name="tMotionCommand">
1113   <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1114   <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1115   <xs:attribute name="Layer" type="cef:tControlLayer" use="optional"/>
1116   <xs:attribute name="Index" type="cef:tAxisIndex" use="required"/>
1117 </xs:complexType>
1118
1119 <xs:complexType name="tSetMotionDirectionCommand">
1120   <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1121   <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1122   <xs:attribute name="Index" type="cef:tAxisIndex" use="required"/>
1123   <xs:attribute name="ToDirection" use="required">
1124     <xs:simpleType>
1125       <xs:restriction base="xs:string">
1126         <xs:enumeration value="Reverse" />
1127         <xs:enumeration value="Forward" />
1128       </xs:restriction>
1129     </xs:simpleType>
1130   </xs:attribute>
1131 </xs:complexType>
1132
1133 <xs:complexType name="tMotionSpeedCommand">
1134   <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1135   <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1136   <xs:attribute name="Index" type="cef:tAxisIndex" use="required"/>
1137   <xs:attribute name="ToStartSpeed" type="cef:tWideRangeValue" use="required"/>
1138   <xs:attribute name="ToEndSpeed" type="cef:tWideRangeValue" use="required"/>
1139 </xs:complexType>
1140
1141 <xs:complexType name="tMotionTimeCommand">
1142   <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1143   <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1144   <xs:attribute name="Index" type="cef:tAxisIndex" use="required"/>
1145   <xs:attribute name="ToStartTime" type="cef:tTimeRangeValue" use="required"/>
1146   <xs:attribute name="ToEndTime" type="cef:tTimeRangeValue" use="required"/>
1147 </xs:complexType>
1148
1149 <xs:complexType name="tSetVectorPositionCommand">
1150   <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1151   <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1152   <xs:attribute name="Index" type="xs:unsignedInt" use="required"/>
1153   <xs:attribute name="ToStartPosition" type="cef:tUnboundedRangeValue" use="required"/>
1154   <xs:attribute name="ToEndPosition" type="cef:tUnboundedRangeValue" use="required"/>
1155 </xs:complexType>
1156
1157 <xs:complexType name="tSetLampModeCommand">
1158   <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1159   <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1160   <xs:attribute name="ToMode" use="required">
1161     <xs:simpleType>
1162       <xs:restriction base="xs:string">
1163         <xs:enumeration value="Normal" />
1164         <xs:enumeration value="LowPower" />
1165       </xs:restriction>
1166     </xs:simpleType>
1167   </xs:attribute>
1168 </xs:complexType>
1169
1170 <xs:complexType name="tSetLaserStrobeCommand">
1158
1159 <xs:complexType name="tSetMotionModeCommand">
1160   <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1161   <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1162   <xs:attribute name="Index" type="cef:tAxisIndex" use="required"/>
1163   <xs:attribute name="ToMode" use="required">
1164     <xs:simpleType>
1165       <xs:restriction base="xs:string">
1166         <xs:enumeration value="Indexed" />
1167         <xs:enumeration value="Spinning" />
1168       </xs:restriction>
1169     </xs:simpleType>
1170   </xs:attribute>
1171 </xs:complexType>
1172
1173 <xs:complexType name="tMotionCommand">
1174   <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1175   <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1176   <xs:attribute name="Layer" type="cef:tControlLayer" use="optional"/>
1177   <xs:attribute name="Index" type="cef:tAxisIndex" use="required"/>
1178 </xs:complexType>
1179
1180 <xs:complexType name="tSetMotionDirectionCommand">
1181   <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1182   <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1183   <xs:attribute name="Index" type="cef:tAxisIndex" use="required"/>
1184   <xs:attribute name="ToDirection" use="required">
1185     <xs:simpleType>
1186       <xs:restriction base="xs:string">
1187         <xs:enumeration value="Reverse" />
1188         <xs:enumeration value="Forward" />
1189       </xs:restriction>
1190     </xs:simpleType>
1191   </xs:attribute>
1192 </xs:complexType>
1193
1194 <xs:complexType name="tMotionSpeedCommand">
1195   <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1196   <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1197   <xs:attribute name="Index" type="cef:tAxisIndex" use="required"/>
1198   <xs:attribute name="ToStartSpeed" type="cef:tWideRangeValue" use="required"/>
1199   <xs:attribute name="ToEndSpeed" type="cef:tWideRangeValue" use="required"/>
1200 </xs:complexType>
1201
1202 <xs:complexType name="tMotionTimeCommand">
1203   <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1204   <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1205   <xs:attribute name="Index" type="cef:tAxisIndex" use="required"/>
1206   <xs:attribute name="ToStartTime" type="cef:tTimeRangeValue" use="required"/>
1207   <xs:attribute name="ToEndTime" type="cef:tTimeRangeValue" use="required"/>
1208 </xs:complexType>
1209
1210 <xs:complexType name="tSetVectorPositionCommand">
1211   <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1212   <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1213   <xs:attribute name="Index" type="xs:unsignedInt" use="required"/>
1214   <xs:attribute name="ToStartPosition" type="cef:tUnboundedRangeValue" use="required"/>
1215   <xs:attribute name="ToEndPosition" type="cef:tUnboundedRangeValue" use="required"/>
1216 </xs:complexType>
1217
1218 <xs:complexType name="tSetLampModeCommand">
1219   <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1220   <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1221   <xs:attribute name="ToMode" use="required">
1222     <xs:simpleType>
1223       <xs:restriction base="xs:string">
1224         <xs:enumeration value="Normal" />
1225         <xs:enumeration value="LowPower" />
1226       </xs:restriction>
1227     </xs:simpleType>
1228   </xs:attribute>
1229 </xs:complexType>
1230
1231 <xs:complexType name="tSetLaserStrobeCommand">

```

```

1171 <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1172 <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1173 <xs:attribute name="ToMode" type="cef:tStrobeMode" use="required"/>
1174 <xs:attribute name="ToStartLevelRate" type="cef:tSimpleRangeValue" use="required"/>
1175 <xs:attribute name="ToEndLevelRate" type="cef:tSimpleRangeValue" use="required"/>
1176 </xs:complexType>
1177
1178 <xs:complexType name="tSetFanModeCommand">
1179 <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1180 <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1181 <xs:attribute name="ToMode" use="required">
1182 <xs:simpleType>
1183 <xs:restriction base="xs:string">
1184 <xs:enumeration value="Fast" />
1185 <xs:enumeration value="Slow" />
1186 </xs:restriction>
1187 </xs:simpleType>
1188 </xs:attribute>
1189 </xs:complexType>
1190
1191 <xs:complexType name="tCustomCommand">
1192 <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1193 <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1194 <xs:attribute name="Usage" use="required">
1195 <xs:simpleType>
1196 <xs:restriction base="xs:string">
1197 <xs:enumeration value="Snap" />
1198 <xs:enumeration value="Range" />
1199 </xs:restriction>
1200 </xs:simpleType>
1201 </xs:attribute>
1202 <xs:attribute name="Description" type="xs:string" use="required"/>
1203 <xs:attribute name="ShortDescription" type="xs:string" use="optional"/>
1204 <xs:attribute name="From" type="xs:string" use="optional"/>
1205 <xs:attribute name="To" type="xs:string" use="optional"/>
1206 </xs:complexType>
1207
1208 <xs:complexType name="tResetCommand">
1209 <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1210 <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1211 <xs:attribute name="ToType" use="required">
1212 <xs:simpleType>
1213 <xs:restriction base="xs:string">
1214 <xs:enumeration value="Complete" />
1215 <xs:enumeration value="PanTilt" />
1216 <xs:enumeration value="Colour" />
1217 <xs:enumeration value="Gobo" />
1218 <xs:enumeration value="Strobe" />
1219 <xs:enumeration value="Focus" />
1220 <xs:enumeration value="Zoom" />
1221 <xs:enumeration value="Frost" />
1222 <xs:enumeration value="Iris" />
1223 <xs:enumeration value="AllInternal" />
1224 </xs:restriction>
1225 </xs:simpleType>
1226 </xs:attribute>
1227 </xs:complexType>
1228
1229 <xs:complexType name="tPresetCommand">
1230 <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1231 <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1232 <xs:attribute name="Usage" use="required">
1233 <xs:simpleType>
1234 <xs:restriction base="xs:string">
1235 <xs:enumeration value="Snap" />
1236 <xs:enumeration value="Range" />
1237 </xs:restriction>
1238 </xs:simpleType>
1239 </xs:attribute>
1240 <xs:attribute name="StartColor" type="xs:string" use="optional"/>
1241 <xs:attribute name="EndColor" type="xs:string" use="optional"/>
1242 <xs:attribute name="Description" type="xs:string" use="required"/>
1243 <xs:attribute name="ShortDescription" type="xs:string" use="optional"/>

```

```

1232 <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1233 <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1234 <xs:attribute name="ToMode" type="cef:tStrobeMode" use="required"/>
1235 <xs:attribute name="ToStartLevelRate" type="cef:tSimpleRangeValue" use="required"/>
1236 <xs:attribute name="ToEndLevelRate" type="cef:tSimpleRangeValue" use="required"/>
1237 </xs:complexType>
1238
1239 <xs:complexType name="tSetFanModeCommand">
1240 <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1241 <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1242 <xs:attribute name="ToMode" use="required">
1243 <xs:simpleType>
1244 <xs:restriction base="xs:string">
1245 <xs:enumeration value="Fast" />
1246 <xs:enumeration value="Slow" />
1247 </xs:restriction>
1248 </xs:simpleType>
1249 </xs:attribute>
1250 </xs:complexType>
1251
1252 <xs:complexType name="tCustomCommand">
1253 <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1254 <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1255 <xs:attribute name="Usage" use="required">
1256 <xs:simpleType>
1257 <xs:restriction base="xs:string">
1258 <xs:enumeration value="Snap" />
1259 <xs:enumeration value="Range" />
1260 </xs:restriction>
1261 </xs:simpleType>
1262 </xs:attribute>
1263 <xs:attribute name="Description" type="xs:string" use="required"/>
1264 <xs:attribute name="ShortDescription" type="xs:string" use="optional"/>
1265 <xs:attribute name="From" type="xs:string" use="optional"/>
1266 <xs:attribute name="To" type="xs:string" use="optional"/>
1267 </xs:complexType>
1268
1269 <xs:complexType name="tResetCommand">
1270 <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1271 <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1272 <xs:attribute name="ToType" use="required">
1273 <xs:simpleType>
1274 <xs:restriction base="xs:string">
1275 <xs:enumeration value="Complete" />
1276 <xs:enumeration value="PanTilt" />
1277 <xs:enumeration value="Colour" />
1278 <xs:enumeration value="Gobo" />
1279 <xs:enumeration value="Strobe" />
1280 <xs:enumeration value="Focus" />
1281 <xs:enumeration value="Zoom" />
1282 <xs:enumeration value="Frost" />
1283 <xs:enumeration value="Iris" />
1284 <xs:enumeration value="AllInternal" />
1285 </xs:restriction>
1286 </xs:simpleType>
1287 </xs:attribute>
1288 </xs:complexType>
1289
1290 <xs:complexType name="tPresetCommand">
1291 <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1292 <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1293 <xs:attribute name="Cells" type="cef:tCellArray" use="optional" />
1294 <xs:attribute name="Usage" use="required">
1295 <xs:simpleType>
1296 <xs:restriction base="xs:string">
1297 <xs:enumeration value="Snap" />
1298 <xs:enumeration value="Range" />
1299 </xs:restriction>
1300 </xs:simpleType>
1301 </xs:attribute>
1302 <xs:attribute name="StartColor" type="xs:string" use="optional"/>
1303 <xs:attribute name="EndColor" type="xs:string" use="optional"/>
1304 <xs:attribute name="Description" type="xs:string" use="required"/>
1305 <xs:attribute name="ShortDescription" type="xs:string" use="optional"/>

```

```
1244 </xs:complexType>
1245
1246 <xs:complexType name="tPresetScrollCommand">
1247   <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1248   <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1249   <xs:attribute name="ToMode" use="required">
1250     <xs:simpleType>
1251       <xs:restriction base="xs:string">
1252         <xs:enumeration value="Forward" />
1253         <xs:enumeration value="Reverse" />
1254         <xs:enumeration value="Bounce" />
1255         <xs:enumeration value="Random" />
1256         <xs:enumeration value="Sound" />
1257         <xs:enumeration value="Stop" />
1258       </xs:restriction>
1259     </xs:simpleType>
1260   </xs:attribute>
1261 </xs:complexType>
1262
1263 <xs:complexType name="tTextCommand">
1264   <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1265   <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1266   <xs:attribute name="Description" type="xs:string" use="required"/>
1267   <xs:attribute name="ShortDescription" type="xs:string" use="optional"/>
1268 </xs:complexType>
1269
1270 <!-- Common simple types-->
```

```
1271 <xs:simpleType name="tGoboType">
1272   <xs:restriction base="xs:string">
1273     <xs:enumeration value="Pattern" />
1274     <xs:enumeration value="Animation Disc" />
1275     <xs:enumeration value="Linear 2-Facet Prism" />
1276     <xs:enumeration value="Circular 3-Facet Prism" />
1277     <xs:enumeration value="Circular 4-Facet Prism" />
1278     <xs:enumeration value="Linear 4-Facet Prism" />
1279     <xs:enumeration value="Circular 5-Facet Prism" />
1280     <xs:enumeration value="Linear 5-Facet Prism" />
1281     <xs:enumeration value="Round 5-Facet Prism" />
1282     <xs:enumeration value="Circular 6-Facet Prism" />
1283     <xs:enumeration value="Linear 6-Facet Prism" />
1284     <xs:enumeration value="Round 6-Facet Prism" />
1285     <xs:enumeration value="Round 7-Facet Prism" />
1286     <xs:enumeration value="Circular 8-Facet Prism" />
1287     <xs:enumeration value="Linear 8-Facet Prism" />
1288     <xs:enumeration value="Round 9-Facet Prism" />
1289     <xs:enumeration value="Linear 10-Facet Prism" />
1290     <xs:enumeration value="Circular 8-8-16-Facet Prism" />
1291     <xs:enumeration value="Circular 16-16-Facet Prism" />
1292     <xs:enumeration value="Bar Prism" />
1293     <xs:enumeration value="Comet Prism" />
1294   </xs:restriction>
1295 </xs:simpleType>
1296
```

```
1297 <xs:simpleType name="tDmxChannelOffset">
1298   <xs:restriction base="xs:unsignedInt">
1299     <xs:minInclusive value="0"/>
1300     <xs:maxInclusive value="511"/>
1301   </xs:restriction>
1302 </xs:simpleType>
1303
```

```
1306 </xs:complexType>
1307
1308 <xs:complexType name="tPresetScrollCommand">
1309   <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1310   <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1311   <xs:attribute name="ToMode" use="required">
1312     <xs:simpleType>
1313       <xs:restriction base="xs:string">
1314         <xs:enumeration value="Forward" />
1315         <xs:enumeration value="Reverse" />
1316         <xs:enumeration value="Bounce" />
1317         <xs:enumeration value="Random" />
1318         <xs:enumeration value="Sound" />
1319         <xs:enumeration value="Stop" />
1320       </xs:restriction>
1321     </xs:simpleType>
1322   </xs:attribute>
1323 </xs:complexType>
1324
1325 <xs:complexType name="tTextCommand">
1326   <xs:attribute name="StartLevel" type="xs:unsignedInt" use="required"/>
1327   <xs:attribute name="EndLevel" type="xs:unsignedInt" use="required"/>
1328   <xs:attribute name="Description" type="xs:string" use="required"/>
1329   <xs:attribute name="ShortDescription" type="xs:string" use="optional"/>
1330 </xs:complexType>
1331
1332 <!-- Common simple types-->
```

```
1333 <xs:simpleType name="tVisibility">
1334   <xs:restriction base="xs:string">
1335     <xs:enumeration value="Public" />
1336     <xs:enumeration value="Private" />
1337   </xs:restriction>
1338 </xs:simpleType>
1339
```

```
1340 <xs:simpleType name="tGoboType">
1341   <xs:restriction base="xs:string">
1342     <xs:enumeration value="Pattern" />
1343     <xs:enumeration value="Animation Disc" />
1344     <xs:enumeration value="Linear 2-Facet Prism" />
1345     <xs:enumeration value="Circular 3-Facet Prism" />
1346     <xs:enumeration value="Circular 4-Facet Prism" />
1347     <xs:enumeration value="Linear 4-Facet Prism" />
1348     <xs:enumeration value="Circular 5-Facet Prism" />
1349     <xs:enumeration value="Linear 5-Facet Prism" />
1350     <xs:enumeration value="Round 5-Facet Prism" />
1351     <xs:enumeration value="Circular 6-Facet Prism" />
1352     <xs:enumeration value="Linear 6-Facet Prism" />
1353     <xs:enumeration value="Round 6-Facet Prism" />
1354     <xs:enumeration value="Round 7-Facet Prism" />
1355     <xs:enumeration value="Circular 8-Facet Prism" />
1356     <xs:enumeration value="Linear 8-Facet Prism" />
1357     <xs:enumeration value="Round 9-Facet Prism" />
1358     <xs:enumeration value="Linear 10-Facet Prism" />
1359     <xs:enumeration value="Circular 8-8-16-Facet Prism" />
1360     <xs:enumeration value="Circular 16-16-Facet Prism" />
1361     <xs:enumeration value="Bar Prism" />
1362     <xs:enumeration value="Comet Prism" />
1363   </xs:restriction>
1364 </xs:simpleType>
1365
```

```
1366 <xs:simpleType name="tChromaticityValue">
1367   <xs:restriction base="xs:float">
1368     <xs:minInclusive value="0"/>
1369     <xs:maxInclusive value="1"/>
1370   </xs:restriction>
1371 </xs:simpleType>
1372
```

```
1373 <xs:simpleType name="tDmxChannelOffset">
1374   <xs:restriction base="xs:unsignedInt">
1375     <xs:minInclusive value="0"/>
1376     <xs:maxInclusive value="511"/>
1377   </xs:restriction>
1378 </xs:simpleType>
1379
```

```
1304 <xs:simpleType name="tControllLayer">
1305   <xs:restriction base="xs:string">
1306     <xs:enumeration value="Individual" />
1307     <xs:enumeration value="Group" />
1308   </xs:restriction>
1309 </xs:simpleType>
1310
```

```
1311 <xs:simpleType name="tSimpleRangeValue">
1312   <xs:restriction base="xs:float">
1313     <xs:minInclusive value="0"/>
1314     <xs:maxInclusive value="1"/>
1315   </xs:restriction>
1316 </xs:simpleType>
1317
1318 <xs:simpleType name="tWideRangeValue">
1319   <xs:restriction base="xs:float">
1320     <xs:minInclusive value="-1"/>
1321     <xs:maxInclusive value="1"/>
1322   </xs:restriction>
1323 </xs:simpleType>
1324
1325 <xs:simpleType name="tUnboundedRangeValue">
1326   <xs:restriction base="xs:float"/>
1327 </xs:simpleType>
1328
1329 <xs:simpleType name="tTimeRangeValue">
1330   <xs:restriction base="xs:float">
1331     <xs:minInclusive value="0"/>
1332   </xs:restriction>
1333 </xs:simpleType>
1334
1335 <xs:simpleType name="tColorRenderingIndexRangeValue">
1336   <xs:restriction base="xs:float">
1337     <xs:minInclusive value="0"/>
1338     <xs:maxInclusive value="100"/>
1339   </xs:restriction>
1340 </xs:simpleType>
1341
1342 <xs:simpleType name="tColorTemperatureRangeValue">
1343   <xs:restriction base="xs:float">
1344     <xs:minInclusive value="0"/>
1345     <xs:maxInclusive value="30000"/>
1346   </xs:restriction>
1347 </xs:simpleType>
1348
1349 <xs:simpleType name="tFramingShutterDepthValue">
1350   <xs:restriction base="xs:float">
1351     <xs:minInclusive value="0"/>
1352     <xs:maxInclusive value="2"/>
1353   </xs:restriction>
1354 </xs:simpleType>
1355
1356 <xs:simpleType name="tFramingShutterAngleValue">
1357   <xs:restriction base="xs:float">
1358     <xs:minInclusive value="-360"/>
1359     <xs:maxInclusive value="360"/>
1360   </xs:restriction>
1361 </xs:simpleType>
1362
1363 <xs:simpleType name="tOnOff">
1364   <xs:restriction base="xs:string">
1365     <xs:enumeration value="On" />
1366     <xs:enumeration value="Off" />
1367   </xs:restriction>
1368 </xs:simpleType>
1369
1370 <xs:simpleType name="tStrobeMode">
1371   <xs:restriction base="xs:string">
```

```
1380 <xs:simpleType name="tControllLayer">
1381   <xs:restriction base="xs:string">
1382     <xs:enumeration value="Individual" />
1383     <xs:enumeration value="Group" />
1384   </xs:restriction>
1385 </xs:simpleType>
1386
```

```
1387 <xs:simpleType name="tCellArray">
1388   <xs:restriction base="xs:string">
1389     <xs:pattern value="\d+(?:,\d+)*" />
1390   </xs:restriction>
1391 </xs:simpleType>
1392
```

```
1393 <xs:simpleType name="tSimpleRangeValue">
1394   <xs:restriction base="xs:float">
1395     <xs:minInclusive value="0"/>
1396     <xs:maxInclusive value="1"/>
1397   </xs:restriction>
1398 </xs:simpleType>
1399
1400 <xs:simpleType name="tWideRangeValue">
1401   <xs:restriction base="xs:float">
1402     <xs:minInclusive value="-1"/>
1403     <xs:maxInclusive value="1"/>
1404   </xs:restriction>
1405 </xs:simpleType>
1406
1407 <xs:simpleType name="tUnboundedRangeValue">
1408   <xs:restriction base="xs:float"/>
1409 </xs:simpleType>
1410
1411 <xs:simpleType name="tTimeRangeValue">
1412   <xs:restriction base="xs:float">
1413     <xs:minInclusive value="0"/>
1414   </xs:restriction>
1415 </xs:simpleType>
1416
1417 <xs:simpleType name="tColorRenderingIndexRangeValue">
1418   <xs:restriction base="xs:float">
1419     <xs:minInclusive value="0"/>
1420     <xs:maxInclusive value="100"/>
1421   </xs:restriction>
1422 </xs:simpleType>
1423
1424 <xs:simpleType name="tColorTemperatureRangeValue">
1425   <xs:restriction base="xs:float">
1426     <xs:minInclusive value="0"/>
1427     <xs:maxInclusive value="30000"/>
1428   </xs:restriction>
1429 </xs:simpleType>
1430
1431 <xs:simpleType name="tFramingShutterDepthValue">
1432   <xs:restriction base="xs:float">
1433     <xs:minInclusive value="0"/>
1434     <xs:maxInclusive value="2"/>
1435   </xs:restriction>
1436 </xs:simpleType>
1437
1438 <xs:simpleType name="tFramingShutterAngleValue">
1439   <xs:restriction base="xs:float">
1440     <xs:minInclusive value="-360"/>
1441     <xs:maxInclusive value="360"/>
1442   </xs:restriction>
1443 </xs:simpleType>
1444
1445 <xs:simpleType name="tOnOff">
1446   <xs:restriction base="xs:string">
1447     <xs:enumeration value="On" />
1448     <xs:enumeration value="Off" />
1449   </xs:restriction>
1450 </xs:simpleType>
1451
1452 <xs:simpleType name="tStrobeMode">
1453   <xs:restriction base="xs:string">
```



```
1372 <xs:enumeration value="Linear" />
1373 <xs:enumeration value="Random" />
1374 <xs:enumeration value="ApertureRandom" />
1375 <xs:enumeration value="SynchronizedRandom" />
1376 <xs:enumeration value="Lightning" />
1377 <xs:enumeration value="Spikes" />
1378 </xs:restriction>
1379 </xs:simpleType>
1380
1381 <xs:simpleType name="tStrobeTransition">
1382 <xs:restriction base="xs:string">
1383 <xs:enumeration value="RampRamp" />
1384 <xs:enumeration value="RampSnap" />
1385 <xs:enumeration value="SnapRamp" />
1386 <xs:enumeration value="SnapSnap" />
1387 </xs:restriction>
1388 </xs:simpleType>
1389
1390 <xs:simpleType name="tWheelIndex">
1391 <xs:restriction base="xs:unsignedInt">
1392 <xs:minInclusive value="1"/>
1393 </xs:restriction>
1394 </xs:simpleType>
1395
1396 <xs:simpleType name="tFramingShutterIndex">
1397 <xs:restriction base="xs:unsignedInt">
1398 <xs:minInclusive value="1"/>
1399 <xs:maxInclusive value="4"/>
1400 </xs:restriction>
1401 </xs:simpleType>
1402
1403 <xs:simpleType name="tAxisIndex">
1404 <xs:restriction base="xs:unsignedInt">
1405 <xs:minInclusive value="1"/>
1406 </xs:restriction>
1407 </xs:simpleType>
1408
1409 <xs:simpleType name="tLightMode">
1410 <xs:restriction base="xs:string">
1411 <xs:enumeration value="Direct" />
1412 <xs:enumeration value="ColorTemperature" />
1413 <xs:enumeration value="ColorTemperaturePlus" />
1414 <xs:enumeration value="RGB" />
1415 <xs:enumeration value="RGBPlus" />
1416 <xs:enumeration value="HSV" />
1417 <xs:enumeration value="HSVPlus" />
1418 </xs:restriction>
1419 </xs:simpleType>
1420
1421 <xs:simpleType name="tWheelMode">
1422 <xs:restriction base="xs:string">
1423 <xs:enumeration value="Indexed" />
1424 <xs:enumeration value="Continuous" />
1425 <xs:enumeration value="Mixed" />
1426 <xs:enumeration value="Spinning" />
1427 <xs:enumeration value="Oscillating" />
1428 </xs:restriction>
1429 </xs:simpleType>
1430
1431 <xs:simpleType name="tWheelFrameMode">
1432 <xs:restriction base="xs:string">
1433 <xs:enumeration value="Indexed" />
1434 <xs:enumeration value="Spinning" />
1435 </xs:restriction>
1436 </xs:simpleType>
1437
1438 <xs:simpleType name="tWheelSpinDirection">
1439 <xs:restriction base="xs:string">
1440 <xs:enumeration value="Forward" />
1441 <xs:enumeration value="Reverse" />
1442 </xs:restriction>
1443 </xs:simpleType>
1444
```

```
1454 <xs:enumeration value="Linear" />
1455 <xs:enumeration value="Random" />
1456 <xs:enumeration value="ApertureRandom" />
1457 <xs:enumeration value="SynchronizedRandom" />
1458 <xs:enumeration value="Lightning" />
1459 <xs:enumeration value="Spikes" />
1460 </xs:restriction>
1461 </xs:simpleType>
1462
1463 <xs:simpleType name="tStrobeTransition">
1464 <xs:restriction base="xs:string">
1465 <xs:enumeration value="RampRamp" />
1466 <xs:enumeration value="RampSnap" />
1467 <xs:enumeration value="SnapRamp" />
1468 <xs:enumeration value="SnapSnap" />
1469 </xs:restriction>
1470 </xs:simpleType>
1471
1472 <xs:simpleType name="tWheelIndex">
1473 <xs:restriction base="xs:unsignedInt">
1474 <xs:minInclusive value="1"/>
1475 </xs:restriction>
1476 </xs:simpleType>
1477
1478 <xs:simpleType name="tFramingShutterIndex">
1479 <xs:restriction base="xs:unsignedInt">
1480 <xs:minInclusive value="1"/>
1481 <xs:maxInclusive value="4"/>
1482 </xs:restriction>
1483 </xs:simpleType>
1484
1485 <xs:simpleType name="tAxisIndex">
1486 <xs:restriction base="xs:unsignedInt">
1487 <xs:minInclusive value="1"/>
1488 </xs:restriction>
1489 </xs:simpleType>
1490
1491 <xs:simpleType name="tLightMode">
1492 <xs:restriction base="xs:string">
1493 <xs:enumeration value="Direct" />
1494 <xs:enumeration value="ColorTemperature" />
1495 <xs:enumeration value="ColorTemperaturePlus" />
1496 <xs:enumeration value="RGB" />
1497 <xs:enumeration value="RGBPlus" />
1498 <xs:enumeration value="HSV" />
1499 <xs:enumeration value="HSVPlus" />
1500 <xs:enumeration value="CIE" />
1501 </xs:restriction>
1502 </xs:simpleType>
1503
1504 <xs:simpleType name="tWheelMode">
1505 <xs:restriction base="xs:string">
1506 <xs:enumeration value="Indexed" />
1507 <xs:enumeration value="Continuous" />
1508 <xs:enumeration value="Mixed" />
1509 <xs:enumeration value="Spinning" />
1510 <xs:enumeration value="Oscillating" />
1511 </xs:restriction>
1512 </xs:simpleType>
1513
1514 <xs:simpleType name="tWheelFrameMode">
1515 <xs:restriction base="xs:string">
1516 <xs:enumeration value="Indexed" />
1517 <xs:enumeration value="Spinning" />
1518 </xs:restriction>
1519 </xs:simpleType>
1520
1521 <xs:simpleType name="tWheelSpinDirection">
1522 <xs:restriction base="xs:string">
1523 <xs:enumeration value="Forward" />
1524 <xs:enumeration value="Reverse" />
1525 </xs:restriction>
1526 </xs:simpleType>
1527
```



```
1445 <xs:simpleType name="tBoolean">
1446   <xs:restriction base="xs:string">
1447     <xs:enumeration value="True" />
1448     <xs:enumeration value="False" />
1449   </xs:restriction>
1450 </xs:simpleType>
1451
1452 </xs:schema>
```

```
1528 <xs:simpleType name="tBoolean">
1529   <xs:restriction base="xs:string">
1530     <xs:enumeration value="True" />
1531     <xs:enumeration value="False" />
1532   </xs:restriction>
1533 </xs:simpleType>
1534
1535 </xs:schema>
```