DMX REFERENCE

Gemini 2x1 Soft

LitePanels Gemini 2x1 Soft

Litepanels



Manufacturer	Litepanels
GDTF file	Litepanels_Gemini_2x1_Soft_26212.gdtf
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1 About this manual

This document describes the LitePanels Gemini 2x1 Soft by Litepanels. It was compiled from the GDTF file Litepanels_Gemini_2x1_Soft_26212.gdtf from the GDTF-Share library.

File revision: “1.0.01 - Initial Public release, Uploaded to GDTF Share.”.

The DMX modes, the channel functions and the technical data are given as the GDTF file states them. Installation, operation from the device's control panel, service and safety instructions are described in the manufacturer's original user manual, which takes precedence over this document.

This document was not issued or endorsed by Litepanels; product names and trademarks belong to their owners.

Safety notices are marked with signal words according to the severity of the hazard: DANGER – an imminent hazard that will result in death or serious injury; WARNING – a potential hazard that could result in death or serious injury; CAUTION – a potential hazard that could result in minor injury or property damage; NOTE – additional information for correct and safe use.

> **NOTE** This product is designed for stage and effect lighting. It is not suitable for household room illumination.

2 Quick reference

Parameter	Value
Weight	6 kg

DMX modes

Mode	Channels	Units in one universe	First start addresses
CCT 8-Bit	6	85	1, 7, 13, 19, ...
HSI - 8 Bit	6	85	1, 7, 13, 19, ...
Gel Mode Mode 1 - 8 Bit	6	85	1, 7, 13, 19, ...
Gel Mode 2 - 8 Bit	7	73	1, 8, 15, 22, ...
RGBW Mode - 8 Bit	8	64	1, 9, 17, 25, ...
Effects Mode - 8 Bit	9	56	1, 10, 19, 28, ...
Presets Trigger Mode - 8 Bit	5	102	1, 6, 11, 16, ...
CCT/HSI Mode Fixed - 8 Bit	10	51	1, 11, 21, 31, ...
CCT/RGBW Mode Fixed - 8 Bit	12	42	1, 13, 25, 37, ...
CCT 16-Bit	8	64	1, 9, 17, 25, ...
HSI - 16 Bit	8	64	1, 9, 17, 25, ...
Gel Mode Mode 1 - 16 Bit	8	64	1, 9, 17, 25, ...
Gel Mode 2 - 16 Bit	8	64	1, 9, 17, 25, ...
RGBW Mode - 16 Bit	14	36	1, 15, 29, 43, ...
Effects Mode - 16 Bit	16	32	1, 17, 33, 49, ...
Presets Trigger Mode - 16 Bit	7	73	1, 8, 15, 22, ...
CCT/HSI Mode Fixed - 16 Bit	16	32	1, 17, 33, 49, ...
CCT/RGBW Mode Fixed - 16 Bit	20	25	1, 21, 41, 61, ...


Read the manual before use


Do not stare into the light


Indoor use only

3 Safety instructions



Read the manual before use



Do not stare into the light



Indoor use only

⚠ WARNING

- This device is intended for professional use. Installation, connection, setup and maintenance must be carried out only by suitably qualified persons who have read this manual.
- Use the device only for its intended purpose and as described in this manual.
- Do not open the housing and do not modify or tamper with the device. Refer all repairs to an authorized service center.
- Do not use the device if its housing, power or data cable, or a connector is damaged, if the device has been dropped, or if liquid or a foreign object has entered it. In such a case, have it checked by a service center.
- Disconnect the device from the power supply before cleaning, maintenance or any work on the connections.
- After moving the device from a cold to a warm environment, let it reach room temperature before switching it on to prevent condensation inside.
- The device is not a toy; keep it out of the reach of children.

⚠ WARNING

- This device is designed for indoor use only. Protect it from rain, splashing water, moisture and dust, and do not place containers with liquids on it.
- Do not operate the device in high humidity, near water, or where condensation can form on it.

⚠ CAUTION

- This device emits intense light. Do not look directly into the light source or the beam at close range; doing so may damage your eyes.
- Do not aim the beam at the eyes of people or animals at close range, and do not view the light source through optical instruments (binoculars, camera lenses).
- Do not aim the beam at flammable or heat-sensitive materials at close range.

4 Product description

Description in the GDTF file

“Power your imagination to create the extraordinary on screen. With an incredibly bright output of over 3000 lux @10ft/3m, Gemini 1x1 Hard delivers the brightest and most accurate 1x1 light ever. Blast through a silk, build layers of diffusion or bounce light off a board, with precision control of hue, saturation, intensity, gels and effects, Gemini 1x1 Hard gives you the power to control and create your own extraordinary.”

5 Installation

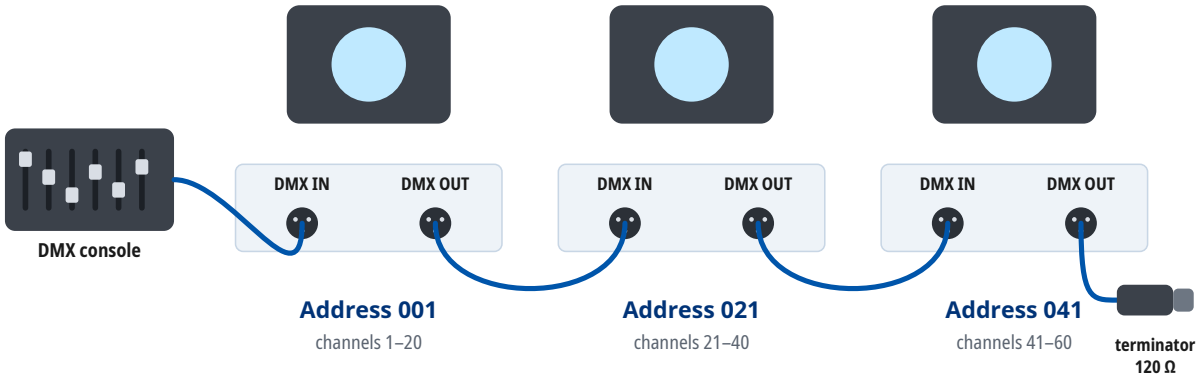
⚠ WARNING

- Rigging must be carried out only by qualified persons in accordance with applicable regulations, in particular those for work at height.
- The supporting structure and fixings must safely carry the weight of all suspended devices; verify their load capacity in advance.
- Weight of the device: 6 kg.
- Use suitable mounting hardware (for example truss clamps) and tighten all screw connections properly.
- Always secure the suspended device against falling with a safety cable of adequate load capacity, routed through a fixed point of the device and around the supporting structure.
- During installation and removal, keep people out of the area below the work position.
- Regularly inspect the fixings and the safety cable for damage, corrosion and loosening.

6 Connections

- Use shielded cable designed for DMX512 with an impedance of 110 Ω. Ordinary microphone cable is not suitable for DMX, especially over longer distances.
- Connect the devices in a daisy chain: connect the DMX OUT of one device to the DMX IN of the next. Do not split the line with Y-cables or wire it in a star; the line may be split only with a DMX splitter.
- Connect the shield to pin 1 only. Do not connect the shield (ground) to the metal shell of the connector; this can cause short circuits or erratic behavior.
- XLR pin assignment: pin 1 – shield (ground), pin 2 – Data- (Data Complement), pin 3 – Data+ (Data True). On 5-pin connectors, pins 4 and 5 are not connected; a 5-pin connector can be connected to a 3-pin one with a cable adapter.
- Terminate the end of the line (for impedance matching): plug an XLR connector with a 120 Ω, ¼ W resistor between pins 2 and 3 into the DMX OUT of the last device. This reduces the risk of erratic behavior.
- Connect no more than 32 devices to one DMX line. For more devices or longer runs, use a DMX splitter or booster.

DMX line



Mode CCT/RGBW Mode Fixed - 16 Bit: every unit occupies 20 channels from its address. At most 32 units on one line; for more units or longer runs use a DMX splitter. A 120 Ω terminator closes the last DMX OUT.

7 Operation

Setting the DMX address

- The device occupies as many consecutive channels in the DMX universe as the selected DMX mode uses, starting at the set start address.
- Number of channels occupied in the DMX mode “CCT/RGBW Mode Fixed - 16 Bit”: 20.
- Choose start addresses so that the channels of individual devices do not overlap and the last occupied channel does not exceed 512. Devices with the same start address and mode respond identically.
- For several devices in a row in the DMX mode “CCT/RGBW Mode Fixed - 16 Bit”, you can use, for example, the start addresses 1, 21, 41, 61.
- The DMX mode set on the device must match the fixture profile (personality) used in the controller.
- The device supports RDM (Remote Device Management), two-way communication with the controller over the DMX line.

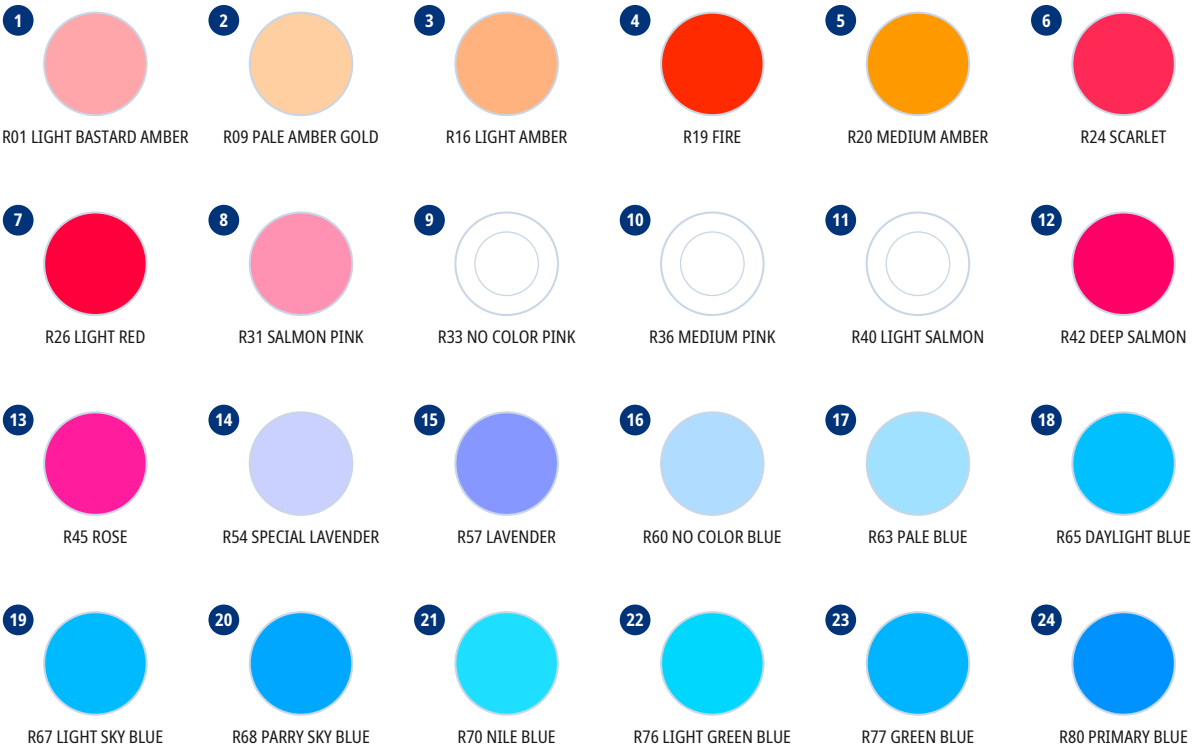
8 Functions at a glance

Functions in each DMX mode

	CCT 8-Bit 6 channels	HSI - 8 Bit 6 channels	Gel Mode Mode 1 - 8 Bit 6 channels	Gel Mode 2 - 8 Bit 7 channels	RGBW Mode - 8 Bit 8 channels	Effects Mode - 8 Bit 9 channels	Presets Trigger Mode - 8 Bit 5 channels	CCT/HSI Mode Fixed - 8 Bit 10 channels
Pan / Tilt	✓							
Dimmer	1	1	1	1	1	1	1	1
Shutter / strobe						7, 8 *		
Color mixing					3, 4, 7, 8			
Color temperature	2		2	2	2	4, 8 *		2
Color wheel			3, 4	3, 4, 7				
Effects / macros						2–4, 7, 8	2–4	

* The function works only when another channel switches it on; see the DMX table.

Color wheel 1



25 R85 DEEP BLUE

26 R86 PEA GREEN

27 R89 MOSS GREEN

28 R90 DARK YELLOW GREEN

29 R95 MEDIUM BLUE GREEN

30 R99 CHOCOLATE

31 R355 PALE VIOLET

32 R3202 FULL CTB

33 R3204 HALF CTB

34 R3208 QUARTER CTB

35 R3304 TOUGH PLUSGREEN

36 R3407 ROSCOSUN CTO

37 R3408 ROSCOSUN HALF CTO

38 R3409 ROSCOSUN QUARTER CTO

39 R4330 CALCCOLOR 30 CYAN

40 R4360 CALCCOLOR 60 CYAN

41 R4390 CALCCOLOR 90 CYAN

42 L71 TOKYO BLUE

43 L103 STRAW

44 L116 MEDIUM BLUE-GREEN

45 L147 APRICOT

46 L713 J WINTER BLUE

47 RE213 WHITE FLAME GREEN

48 RE730 LIBERTY GREEN

49 R3150 INDUSTRIAL VAPOR

50 R3152 URBAN VAPOR

51 L650 INDUSTRY SODIUM

52 L651 HI SODIUM

53 L652 URBAN SODIUM

54 L653 LO SODIUM

55 L713 AURORA BOREALIS GREEN

Color wheel 2

1 R3202 FULL CTB DAYLIGHT
2 R3202 FULL CTB TUNGSTEN
3 R3203 3/4 CTB DAYLIGHT
4 R3203 3/4 CTB TUNGSTEN
5 R3204 1/2 CTB DAYLIGHT
6 R3204 1/2 CTB TUNGSTEN
7 R3206 1/3 CTB DAYLIGHT
8 R3206 1/3 CTB TUNGSTEN
9 R3208 1/4 CTB DAYLIGHT
10 R3208 1/4 CTB TUNGSTEN
11 R3216 1/8 CTB DAYLIGHT
12 R3216 1/8 CTB TUNGSTEN
13 R3220 DOUBLE BLUE CTB DAYLIGHT
14 R3220 DOUBLE BLUE CTB TUNGSTEN
15 R3304 TOUGH + GREEN DAYLIGHT
16 R3304 TOUGH + GREEN TUNGSTEN
17 R3407 RS CTO DAYLIGHT
18 R3407 RS CTO TUNGSTEN
19 R3408 RS 1/2 CTO DAYLIGHT
20 R3408 RS 1/2 CTO TUNGSTEN
21 RS3409 RS 1/4 CTO DAYLIGHT
22 RS3409 RS 1/4 CTO TUNGSTEN
23 RS3411 RS 3/4 CTO DAYLIGHT
24 RS3411 RS 3/4 CTO TUNGSTEN
25 RS3410 RS 1/8 CTO DAYLIGHT
26 RS3410 RS 1/8 CTO TUNGSTEN
27 RS3420 RS DOUBLE CTO DAYLIGHT
28 RS3420 RS DOUBLE CTO TUNGSTEN
29 R3441 FULL STRAW CTS DAYLIGHT
30 R3441 FULL STRAW CTS TUNGSTEN
31 R3442 HALF STRAW DAYLIGHT
32 R3442 HALF STRAW TUNGSTEN
33 R3443 QUARTER STRAW DAYLIGHT
34 R3443 QUARTER STRAW TUNGSTEN
35 RS3444 EIGHTH STRAW DAYLIGHT
36 RS3444 EIGHTH STRAW TUNGSTEN
37 R3304 FULL PLUS GREEN DAYLIGHT
38 R3304 FULL PLUS GREEN TUNGSTEN
39 R3315 1/2 PLUS GREEN DAYLIGHT
40 R3315 1/2 PLUS GREEN TUNGSTEN
41 R3316 1/4 PLUS GREEN DAYLIGHT
42 R3316 1/4 PLUS GREEN TUNGSTEN
43 R3317 1/8 PLUS GREEN DAYLIGHT
44 R3317 1/8 PLUS GREEN TUNGSTEN
45 R3308 FULL MINUS GREEN DAYLIGHT
46 R3308 FULL MINUS GREEN TUNGSTEN
47 R3309 3/4 MINUS GREEN DAYLIGHT
48 R3309 3/4 MINUS GREEN TUNGSTEN

49 R3313 1/2 MINUS GREEN DAYLIGHT

50 R3313 1/2 MINUS GREEN TUNGSTEN

51 R3314 1/4 MINUS GREEN DAYLIGHT

52 R3314 1/4 MINUS GREEN TUNGSTEN

53 R3318 1/8 MINUS GREEN DAYLIGHT

54 R3318 1/8 MINUS GREEN TUNGSTEN

55 R3310 FLUOROFILTER DAYLIGHT

56 R3310 FLUOROFILTER TUNGSTEN

57 R3107 Y1 DAYLIGHT

58 R3107 Y1 TUNGSTEN

59 R3134 MT54 DAYLIGHT

60 R3134 MT54 TUNGSTEN

61 R3106 MTY DAYLIGHT

62 R3106 MTY TUNGSTEN

63 R3102 MT2 DAYLIGHT

64 R3102 MT2 TUNGSTEN

65 R3150 INDUSTRIAL VAPOR DAYLIGHT

66 R3150 INDUSTRIAL VAPOR TUNGSTEN

67 R3152 URBAN VAPOR DAYLIGHT

68 R3152 URBAN VAPOR TUNGSTEN

69 R4215 15 BLUE DAYLIGHT

70 R4215 15 BLUE TUNGSTEN

71 R4230 30 BLUE DAYLIGHT

72 R4230 30 BLUE TUNGSTEN

73 R4260 60 BLUE DAYLIGHT

74 R4260 60 BLUE TUNGSTEN

75 R4290 90 BLUE DAYLIGHT

76 R4290 90 BLUE TUNGSTEN

77 R4307 7_5 CYAN DAYLIGHT

78 R4307 7_5 CYAN TUNGSTEN

79 R315 15 CYAN DAYLIGHT

80 R315 15 CYAN TUNGSTEN

81 R330 30 CYAN DAYLIGHT

82 R330 30 CYAN TUNGSTEN

83 R4360 60 CYAN DAYLIGHT

84 R4360 60 CYAN TUNGSTEN

85 R4390 90 CYAN DAYLIGHT

86 R4390 90 CYAN TUNGSTEN

87 R4415 15 GREEN DAYLIGHT

88 R4415 15 GREEN TUNGSTEN

89 R4430 30 GREEN DAYLIGHT

90 R4430 30 GREEN TUNGSTEN

91 R4460 60 GREEN DAYLIGHT

92 R4460 60 GREEN TUNGSTEN

93 R4490 90 GREEN DAYLIGHT

94 R4490 90 GREEN TUNGSTEN

95 R4515 15 YELLOW DAYLIGHT

96 R4515 15 YELLOW TUNGSTEN

97 R4530 30 YELLOW DAYLIGHT

98 R4530 30 YELLOW TUNGSTEN

99 R4560 60 YELLOW DAYLIGHT

100 R4560 60 YELLOW TUNGSTEN

101 R4590 90 YELLOW DAYLIGHT

102 R4590 90 YELLOW TUNGSTEN

103 R4615 15 RED DAYLIGHT

104 R4615 15 RED TUNGSTEN

105 R4630 30 RED DAYLIGHT

106 R4630 30 RED TUNGSTEN

107 R4660 60 RED DAYLIGHT

108 R4660 60 RED TUNGSTEN

109 R4690 90 RED DAYLIGHT

110 R4690 90 RED TUNGSTEN

111 R4715 15 MAGENTA DAYLIGHT

112 R4715 15 MAGENTA TUNGSTEN

113 R4730 30 MAGENTA DAYLIGHT

114 R4730 30 MAGENTA TUNGSTEN

115 R4760 60 MAGENTA DAYLIGHT

116 R4760 60 MAGENTA TUNGSTEN

117 R4790 90 MAGENTA DAYLIGHT

118 R4790 90 MAGENTA TUNGSTEN

119 R4815 15 PINK DAYLIGHT

120 R4815 15 PINK TUNGSTEN

121 R4830 30 PINK DAYLIGHT

122 R4830 30 PINK TUNGSTEN

123 R4860 60 PINK DAYLIGHT

124 R4860 60 PINK TUNGSTEN

125 R4890 90 PINK DAYLIGHT

126 R4890 90 PINK TUNGSTEN

127 R4915 15 LAVENDER DAYLIGHT

128 R4915 15 LAVENDER TUNGSTEN

129 R4930 30 LAVENDER DAYLIGHT

130 R4930 30 LAVENDER TUNGSTEN

131 R4960 60 LAVENDER DAYLIGHT

132 R4960 60 LAVENDER TUNGSTEN

133 R4990 90 LAVENDER DAYLIGHT

134 R4990 90 LAVENDER TUNGSTEN

135 R2001 RED DAYLIGHT

136 R2001 RED TUNGSTEN

137 R2002 ORANGE DAYLIGHT

138 R2002 ORANGE TUNGSTEN

139 R2003 YELLOW DAYLIGHT

140 R2003 YELLOW TUNGSTEN

141 R2004 GREEN DAYLIGHT

142 R2004 GREEN TUNGSTEN

143 R2005 CYAN DAYLIGHT

144 R2005 CYAN TUNGSTEN

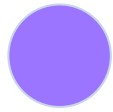
145 
R2006 AZURE DAYLIGHT

146 
R2006 AZURE TUNGSTEN

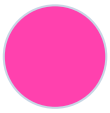
147 
R2007 BLUE DAYLIGHT

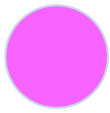
148 
R2007 BLUE TUNGSTEN

149 
R2008 INDIGO DAYLIGHT

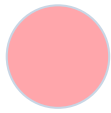
150 
R2008 INDIGO TUNGSTEN

151 
R2009 VIOLET DAYLIGHT

152 
R2009 VIOLET TUNGSTEN

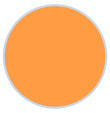
153 
R2010 MAGENTA DAYLIGHT

154 
R2010 MAGENTA TUNGSTEN

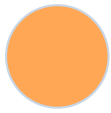
155 
R01 LIGHT BASTARD AMBER DAYLIGHT

156 
R01 LIGHT BASTARD AMBER TUNGSTEN

157
R02 BASTARD AMBER DAYLIGHT

158 
R02 BASTARD AMBER TUNGSTEN

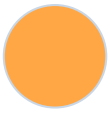
159
R302 PALE BASTARD AMBER DAYLIGHT

160 
R302 PALE BASTARD AMBER TUNGSTEN

161
R06 NO COLOR STRAW DAYLIGHT

162 
R06 NO COLOR STRAW TUNGSTEN

163
R08 PALE GOLD DAYLIGHT

164 
R08 PALE GOLD TUNGSTEN

165
R09 PALE AMBER GOLD DAYLIGHT

166 
R09 PALE AMBER GOLD TUNGSTEN

167
R310 DAFFODIL DAYLIGHT

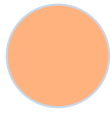
168 
R310 DAFFODIL TUNGSTEN

169
R12 STRAW DAYLIGHT

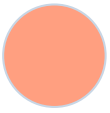
170 
R12 STRAW TUNGSTEN

171
R316 GALLO GOLD DAYLIGHT

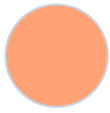
172 
R316 GALLO GOLD TUNGSTEN

173 
R16 LIGHT AMBER DAYLIGHT

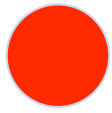
174 
R16 LIGHT AMBER TUNGSTEN

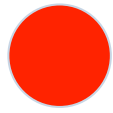
175 
R17 LIGHT FLAME DAYLIGHT

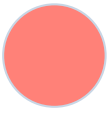
176 
R17 LIGHT FLAME TUNGSTEN

177 
R18 FLAME DAYLIGHT

178 
R18 FLAME TUNGSTEN

179 
R19 FIRE DAYLIGHT

180 
R19 FIRE TUNGSTEN

181 
R318 MAYAN SUN DAYLIGHT

182 
R318 MAYAN SUN TUNGSTEN

183 
R20 Medium Amber Daylight

184 
R20 Medium Amber Tungsten

185
R21 Golden Amber Daylight

186
R21 Golden Amber Tungsten

187
R23 Orange Daylight

188
R23 Orange Tungsten

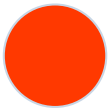
189
R24 Scarlet Daylight

190
R24 Scarlet Tungsten

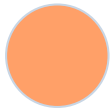
191
R26 Light Red Daylight

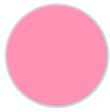
192
R26 Light Red Tungsten

193  R325 Hanna Sky Daylight

194  R325 Hanna Sky Tungsten

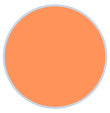
195 R333 Blush Pink Daylight

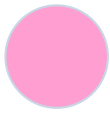
196  R333 Blush Pink Tungsten

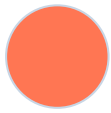
197  R31 Salmon Pink Daylight

198  R31 Salmon Pink Tungsten

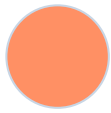
199 R33 No Color Pink Daylight

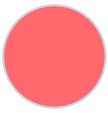
200  R33 No Color Pink Tungsten

201  R36 Medium Pink Daylight

202  R36 Medium Pink Tungsten

203 R37 Pale Rose Pink Daylight

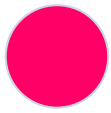
204  R37 Pale Rose Pink Tungsten

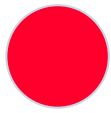
205  R40 Light Salmon Daylight

206  R40 Light Salmon Tungsten

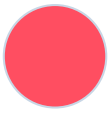
207  R41 Salmon Daylight

208  R41 Salmon Tungsten

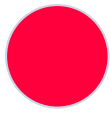
209  R42 Deep Salmon Daylight

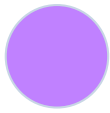
210  R42 Deep Salmon Tungsten

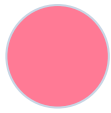
211  R44 Middle Rose Daylight

212  R44 Middle Rose Tungsten

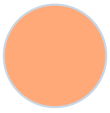
213  R45 Rose Daylight

214  R45 Rose Tungsten

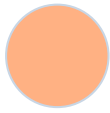
215  R47 Light Rose Purple Daylight

216  R47 Light Rose Purple Tungsten

217 R51 Surprise Pink Daylight

218  R51 Surprise Pink Tungsten

219 R54 Special Lavender Daylight

220  R54 Special Lavender Tungsten

221  R57 Lavender Daylight

222 R57 Lavender Tungsten

223  R355 Pale Violet Daylight

224 R355 Pale Violet Tungsten

225 R60 No Color Blue Daylight

226 R60 No Color Blue Tungsten

227 R360 Clearwater Daylight

228 R360 Clearwater Tungsten

229  R62 Booster Blue Daylight

230 R62 Booster Blue Tungsten

231 R63 Pale Blue Daylight

232 R63 Pale Blue Tungsten

233 R362 Tipton Blue Daylight

234 R362 Tipton Blue Tungsten

235 R364 Blue Bell Daylight

236 R364 Blue Bell Tungsten

237 R65 Daylight Blue Daylight

238 R65 Daylight Blue Tungsten

239 R67 Light Sky Blue Daylight

240 R67 Light Sky Blue Tungsten

241 R68 Parry Sky Blue Daylight

242 R68 Parry Sky Blue Tungsten

243 R70 Nile Blue Daylight

244 R70 Nile Blue Tungsten

245 R365 Tharon Delft Blue Daylight

246 R365 Tharon Delft Blue Tungsten

247 R375 Cerulean Blue Daylight

248 R375 Cerulean Blue Tungsten

249 R376 Bermuda Blue Daylight

250 R376 Bermuda Blue Tungsten

251 R76 Light Green Blue Daylight

252 R76 Light Green Blue Tungsten

253 R77 Green Blue Daylight

254 R77 Green Blue Tungsten

255 R378 Alice Blue Daylight

256 E378 Alice Blue Tungsten

257 R80 Primary Blue Daylight

258 R80 Primary Blue Tungsten

259 R381 Baldassari Blue Daylight

260 R381 Baldassari Blue Tungsten

261 R83 Medium Blue Daylight

262 R83 Medium Blue Tungsten

263 R85 Deep Blue Daylight

264 R85 Deep Blue Tungsten

265 R86 Pea Green Daylight

266 R86 Pea Green Tungsten

267 R87 Pale Yellow Green Daylight

268 R87 Pale Yellow Green Tungsten

269 R88 Light Green Daylight

270 R88 :ight Green Tungsten

271 R89 Moss Green Daylight

272 R89 Moss Green Tungsten

273 R90 Dark Yellow Green Daylight

274 R90 Dark Yellow Green Tungsten

275 R91 Primary Green Daylight

276 R91 Primary Green Tungsten

277 R92 Turquoise Daylight

278 R92 Turquoise Tungsten

279 R93 Blue Green Daylight

280 R93 Blue Green Tungsten

281 R95 Medium Blue Green Daylight

282 R95 Medium Blue Green Tungsten

283 R99 Chocolate Daylight

284 R99 Chocolate Tungsten

285 E213 White Flame Green Daylight

286 E213 White Flame Green Tungsten

287 L200 Double CTB Daylight

288 L200 Double CTB Tungsten

289 L283 1-1/2 CTB Daylight

290 L283 1-1/2 CTB Tungsten

291 L201 Full CTB Daylight

292 L201 Full CTB Tungsten

293 L281 3/4 CTB Daylight

294 L281 3/4 CTB Tungsten

295 L202 1/2 CTB Daylight

296 L202 1/2 CTB Tungsten

297 L203 1/4 CTB Daylight

298 L203 1/4 CTB Tungsten

299 L218 1/8 CTB Daylight

300 L218 1/8 CTB Tungsten

301 L287 Double CTO Daylight

302 L287 Double CTO Tungsten

303 L286 1-1/2 CTO Daylight

304 L286 1-1/2 CTO Tungsten

305 L204 Full CTO Daylight

306 L204 Full CTO Tungsten

307 L207 Full CTO + 3 ND Daylight

308 L207 Full CTO + 3 ND Tungsten

309 L208 Full CTO + 6 ND Daylight

310 L208 Full CTO + 6 ND Tungsten

311 L285 3/4 CTO Daylight

312 L285 3/4 CTO Tungsten

313 L205 1/2 CTO Daylight

314 L205 1/2 CTO Tungsten

315 L206 1/4 CTO Daylight

316 L206 1/4 CTO Tungsten

317 L223 1/8 CTO Daylight

318 L223 1/8 CTO Tungsten

319 L441 Full CTS Daylight

320 L441 Full CTS Tungsten

321 L442 1/2 CTS Daylight

322 L442 1/2 CTS Tungsten

323 L443 1/4 CTS Daylight

324 L443 1/4 CTS Tungsten

325 L444 1/8 CTS Daylight

326 L444 1/8 CTS Tungsten

327 L212 LCT Yellow (Y1) Daylight

328 L212 LCT Yellow (Y1) Tungsten

329 L219 Fluorescent Green Daylight

330 L219 Fluorescent Green Tungsten

331 L230 Super Corr LCT Yellow Daylight

332 L230 Supper Corr LCT Yellow Tungsten

333 L232 Super Corr WF Green Daylight

334 L232 Super Corr WF Green Tungsten

335 L236 HMI (to Tungsten) Daylight

336 L236 HMI (to Tungsten) Tungsten

337 L237 CID (to Tungsten) Daylight

338 L237 CID (to Tungsten) Tungsten

339 L238 CSI (to Tungsten) Daylight

340 L238 CSI (to Tungsten) Tungsten

341 L241 Fluorescent 5700K Daylight

342 L241 Fluorescent 5700K Tungsten

343 L242 Fluorescent 4300K Daylight

344 L242 Fluorescent 4300K Tungsten

345 L243 Fluorescent 3600K Daylight

346 L243 Fluorescent 3600K Tungsten

347 L244 Plus Green Daylight

348 L244 Plus Green Tungsten

349 L245 1/2 Plus Green Daylight

350 L245 1/2 Plus Green Tungsten

351 L246 1/4 Plus Green Daylight

352 L246 1/4 Plus Green Tungsten

353 L278 1/8 Plus Green Daylight

354 L278 1/8 Plus Green Tungsten

355 L247 Minus Green Daylight

356 L247 Minus Green Tungsten

357 L248 1/2 Minus Green Daylight

358 L248 1/2 Minus Green Tungsten

359 L249 1/4 Minus Green Daylight

360 L249 1/4 Minus Green Tungsten

361 L279 1/8 Minus Green Daylight

362 L279 1/8 Minus Green tungsten

363 L002 Rose Pink Daylight

364 L002 Rose Pink Tungsten

365 L003 Lavendar Tint Daylight

366 L003 Lavendar Tint Tungsten

367 L004 Medium Bastard Amber Daylight

368 L004 Medium Bastard Amber Tungsten

369 L007 Pale Yellow Daylight

370 L007 Pale Yellow Tungsten

371 L008 Dark Salmon Daylight

372 L008 Dark Salmon Tungsten

373 L009 Pale Amber Gold Daylight

374 L009 Pale Amber Gold Tungsten

375 L010 Medium Yellow Daylight

376 L010 Medium Tellow Tungsten

377 L013 Straw Tint Daylight

378 L013 Straw Tint Tungsten

379 L017 Surprise Peach Daylight

380 L017 Surprise Peach Tungsten

381 L019 Fire Daylight

382 L019 Fire Tungsten

383 L020 Medium Amber Daylight

384 L020 Medium Amber Tungsten

385 L021 Gold Amber Daylight

386 L021 Gold Amber Tungsten

387 L022 Dark Amber Daylight

388 L022 Dark Amber Tungsten

389 L024 Scarlet Daylight

390 L024 Scarlet Tungsten

391 L025 Sunset Red Daylight

392 L025 Sunset Red Tungsten

393 L026 Bright Red Daylight

394 L026 Bright Red Tungsten

395 L035 Light Pink Daylight

396 L035 Light Pink Tungsten

397 L036 Medium Pink Daylight

398 L036 Medium Pink Tungsten

399 L046 Dark Magenta Daylight

400 L046 Dark Magenta Tungsten

401 L048 Rose Purple Daylight

402 L048 Rose Purple Tungsten

403 L052 Light Lavender Daylight

404 L052 Light Lavender Tungsten

405 WL03 Ode To Wendy Daylight

406 WL03 Ode To Wendy Tungsten

407 L053 Paler Lavender Daylight

408 L053 Paler Lavender Tungsten

409 L058 Lavender Daylight

410 L058 Lavender Tungsten

411 L061 Mist Blue Daylight

412 L061 Mist Blue Tungsten

413 SB01 DGR Blue Daylight

414 SB01 DGR Blue Tungsten

415 L063 Pale Blue Daylight

416 L063 Pale Blue Tungsten

417 L068 Sky Blue Daylight

418 L068 Sky Blue Tungsten

419 L071 Tokyo Blue Daylight

420 L071 Tokyo Blue Tungsten

421 *MISTAKE IN DMX CHART* L008 Marcus Blue Daylight

422 *MISTAKE IN DMX CHART* L008 Marcus Blue Tungsten

423 L075 Evening Blue Daylight

424 L075 Evening Blue Tungsten

425 L079 Just Blue Daylight

426 L079 Just Blue Tungsten

427 L085 Deeper Blue Daylight

428 L085 Deeper Blue Tungsten

429 L088 Lime Green Daylight

430 L088 Lime Green Tungsten

431 JR01 Lucky Green Daylight

432 JR01 Lucky Green Tungsten

433 L089 Moss Green Daylight
434 L089 Moss Green Tungsten
435 L90 Dark Yellow Green Daylight
436 L90 Dark Yellow Green Tungsten
437 L100 Spring Yellow Daylight
438 L100 Spring Yellow Tungsten
439 L101 Yellow Daylight
440 L101 Yellow Tungsten
441 L102 Light Amber Daylight
442 L102 Light Amber Tungsten
443 L103 Straw Daylight
444 L103 Straw Tungsten
445 L104 Deep Amber Daylight
446 L104 Deep Amber Tungsten
447 AJ01 Brrice Orange Daylight
448 AJ01 Brrice Orange Tungsten
449 L106 Primary Red Daylight
450 L106 Primary Red Tungsten
451 L107 Light Rose Daylight
452 L107 Light Rose Tungsten
453 L108 English Rose Daylight
454 L108 English Rose Tungsten
455 L109 Light Salmon Daylight
456 L109 Light Salmon Tungsten
457 L110 Middle Rose Daylight
458 L110 Middle Rose Tungsten
459 L111 Dark Pink Daylight
460 L111 Dark Pink Tungsten
461 L113 Magenta Daylight
462 L113 Magenta Tungsten
463 L115 Peacock Blue Daylight
464 L115 Peacock Blue Tungsten
465 L116 Medium Blue-Green Daylight
466 L116 Medium Blue-Green Tungsten
467 L117 Steel Blue Daylight
468 L117 Steel Blue
469 L118 Light Blue Daylight
470 L118 Light Blue Tungsten
471 L120 Deep Blue Daylight
472 L120 Deep Blue Tungsten
473 L121 Lee Green Daylight
474 L121 Lee Green Tungsten
475 L122 Fern Green Daylight
476 L122 Fern Green Tungsten
477 L124 Dark Green Daylight
478 L124 Dark Green Tungsten
479 L127 Smokey Pink Daylight
480 L127 Smokey Pink Tungsten

481 L128 Bright Pink Daylight
482 L128 Bright Pink Tungsten
483 L131 Marine Blue Daylight
484 L131 Marine Blue Tungsten
485 L134 Golden Amber Daylight
486 L134 Golden Amber Tungsten
487 L135 Deep Golden Amber Daylight
488 L135 Deep Golden Amber Tungsten
489 L136 Pale Lavender Daylight
490 L136 Pale Lavender Tungsten
491 L137 Special Lavender Daylight
492 L137 Special Lavender Tungsten
493 L138 Pale Green Daylight
494 L138 Pale Green Tungsten
495 L140 Summer Blue Daylight
496 L140 Summer Blue Tungsten
497 L142 Pale Violet Daylight
498 L142 Pale Violet Tungsten
499 L143 Pale Navy Blue Daylight
500 L143 Pale Navy Blue Tungsten
501 L144 No Color Blue Daylight
502 L144 No Color Blue Tungsten
503 L147 Apricot Daylight
504 L147 Apricot Tungsten
505 L148 Bright Rose Daylight
506 L148 Bright Rose Tungsten
507 L151 Gold Tint Daylight
508 L151 Gold Tint Tungsten
509 L152 Pale Gold Daylight
510 L152 Pale Gold Tungsten
511 L153 Pale Salmon Daylight
512 L153 Pale Salmon Tungsten
513 L154 Pale Rose Pink Daylight
514 L154 Pale Rose Pink Tungsten
515 L156 Chocolate Daylight
516 L156 Chocolate Tungsten
517 L157 Pink Daylight
518 L157 Pink Tungsten
519 L159 No Color Straw Daylight
520 L159 No Color Straw Tungsten
521 L161 Slate Blue Daylight
522 L161 Slate Blue Tungsten
523 L162 Bastard Amber Daylight
524 L162 Bastard Amber Tungsten
525 L164 Falme Red Daylight
526 L164 Falme Red Tungsten
527 L165 Daylight Blue Daylight
528 L165 Daylight Blue Tungsten

529 L169 Lilac Tint Daylight
530 L169 Lilac Tint Tungsten
531 L170 Deep lavender Daylight
532 L170 Deep lavender Tungsten
533 L174 Dark Steel Blue Daylight
534 L174 Dark Steel Blue Tungsten
535 L176 Loving Amber Daylight
536 L176 Loving Amber Tungsten
537 L180 Dark Lavender Daylight
538 L180 Dark Lavender Tungsten
539 L182 Light Red Daylight
540 L182 Light Red Tungsten
541 L192 Flesh Pink Daylight
542 L192 Flesh Pink Tungsten
543 L194 Surprise Pink Daylight
544 L194 Surprise Pink Tungsten
545 L195 Zenith Blue Daylight
546 L195 Zenith Blue Tungsten
547 L196 True Blue Daylight
548 L196 True Blue Tungsten
549 L197 Alice Blue Daylight
550 L197 Alice Blue Tungsten
551 L198 Palace Blue Daylight
552 L198 Palace Blue Tungsten
553 L199 Regal Blue Daylight
554 L199 Regal Blue Tungsten
555 L600 Arctic White Daylight
556 L600 Arctic White
557 L601 Silver Daylight
558 L601 Silver Tungsten
559 L602 Platinum Daylight
560 L602 Platinum Tungsten
561 L603 Moonlight White Daylight
562 L603 Moonlight White Tungsten
563 L604 Full CT85 Daylight
564 L604 Full CT85 Tungsten
565 L650 Industry Sodium Daylight
566 L650 Industry Sodium Tungsten
567 L651 HI Sodium Daylight
568 L651 HI Sodium Tungsten
569 L652 Urban Sodium Daylight
570 L652 Urban Sodium Tungsten
571 L653 LO Sodium Daylight
572 L653 LO Sodium Tungsten
573 L184 Cosmetic Peach Daylight
574 L184 Cosmetic Peach Tungsten
575 L186 Cosmetic Silver Rose Daylight
576 L186 Cosmetic Silver Rose Tungsten

577 L187 Cosmetic Rouge Daylight
578 L187 Cosmetic Rouge Tungsten
579 L188 Cosmetic Highlight Daylight
580 L188 Cosmetic Highlight Tungsten
581 L189 Cosmetic Silver Moss Daylight
582 L189 Cosmetic Silver Moss Tungsten
583 L191 Cosmetic Aqua Blue Daylight
584 L191 Cosmetic Aqua Blue Tungsten
585 L705 Lily Frost Daylight
586 L705 Lily Frost Tungsten
587 L717 Shanklin Frost Daylight
588 L717 Shanklin Frost Tungsten
589 L718 Half Shanklin Forst Daylight
590 L718 Half Shanklin Forst Tungsten
591 L749 Hampshire Rose Daylight
592 L749 Hampshire Rose Tungsten
593 L774 Soft Amber Key 1 Daylight
594 L774 Soft Amber Key 1 Tungsten
595 L775 Soft Amber Key 2 Daylight
596 L775 Soft Amber Key 2 Tungsten
597 L791 Norrocan Forst Daylight
598 L791 Norrocan Forst Tungsten
599 L700 Perfect Lavender Daylight
600 L700 Perfect Lavender Tungsten
601 L701 Provence Daylight
602 L701 Provence Tungsten
603 L702 Special Pale Lavender Daylight
604 L702 Special Pale Lavender Tungsten
605 L703 Cold Lavender Daylight
606 L703 Cold Lavender Tungsten
607 L704 Lily Daylight
608 L704 Lily Tungsten
609 L706 King Fals Lavender Daylight
610 L706 King Fals Lavender Tungsten
611 L708 Cool Lavender Daylight
612 L708 Cool Lavender Tungsten
613 L709 Electric Lilac Daylight
614 L709 Electric Lilac Tungsten
615 L710 Spir Special Blue Daylight
616 L710 Spir Special Blue Tungsten
617 L711 Cold Blue Daylight
618 L711 Cold Blue Tungsten
619 L712 Bedford Blue Daylight
620 L712 Bedford Blue Tungsten
621 L713 J Winter Blue Daylight
622 L713 J Winter Blue Tungsten
623 L714 Elysian Blue Daylight
624 L714 Elysian Blue Tungsten

625 L715 Cabana Blue Daylight
626 L715 Cabana Blue Tungsten
627 L716 Mikkel Blue Daylight
628 L716 Mikkel Blue Tungsten
629 L719 Colour Wash Blue Daylight
630 L719 Colour Wash Blue Tungsten
631 L721 Berry Blue Daylight
632 L721 Berry Blue Tungsten
633 L723 Virgin Blue Daylight
634 L723 Virgin Blue Tungsten
635 L724 Ocean Blue Daylight
636 L724 Ocean Blue Tungsten
637 L725 Old Steel Blue Daylight
638 L725 Old Steel Blue Tungsten
639 L728 Steel Green Daylight
640 L728 Steel Green Tungsten
641 L730 Liberty Green Daylight
642 L730 Liberty Green Tungsten
643 L731 Dirty Ice Daylight
644 L731 Dirty Ice Tungsten
645 L733 Damp Squib Daylight
646 L733 Damp Squib Tungsten
647 L738 JAS Green Daylight
648 L738 JAS Green Tungsten
649 L740 Aurora Borealis Green Daylight
650 L740 Aurora Borealis Green Tungsten
651 L742 Bram Brown Daylight
652 L742 Bram Brown Tungsten
653 L744 Dirty White Daylight
654 L744 Dirty White Tungsten
655 L747 Easy White Daylight
656 L747 Easy White Tungsten
657 L748 Seedy Pink Daylight
658 L748 Seedy Pink Tungsten
659 L763 Wheat Daylight
660 L763 Wheat Tungsten
661 L764 Sun Colour Straw Daylight
662 L764 Sun Colour Straw tungsten
663 L765 Lee Yellow Daylight
664 L765 Lee Yellow Tungsten
665 L773 Cardbox Amber Daylight
666 L773 Cardbox Amber Tungsten
667 L776 Nectarine Daylight
668 L776 Nectarine Tungsten
669 L778 Millennium Gold Daylight
670 L778 Millennium Gold Tungsten
671 L779 Bastard Pink Daylight
672 L779 Bastard Pink Tungsten

673 L781 Terry Red Daylight

674 L781 Terry Red Tungsten

675 L789 Blood Red Daylight

676 L789 Blood Red Tungsten

677 L790 Moroccan Pink Daylight

678 L790 Moroccan Pink Tungsten

679 L794 Pretty 'n Pink Daylight

680 L794 Pretty 'n Pink Tungsten

681 L795 Magical Magenta Daylight

682 L795 Magical Magenta Tungsten

683 L130 Clear Daylight

684 L130 Clear Tungsten

Color wheel 3

1 R3202 FULL CTB TUNGSTEN

2 R3203 3/4 CTB TUNGSTEN

3 R3204 1/2 CTB TUNGSTEN

4 R3206 1/3 CTB TUNGSTEN

5 R3208 1/4 CTB TUNGSTEN

6 R3216 1/8 CTB TUNGSTEN

7 R3220 DOUBLE BLUE CTB TUNGSTEN

8 R3304 TOUGH + GREEN TUNGSTEN

9 R3407 RS CTO TUNGSTEN

10 R3408 RS 1/2 CTO TUNGSTEN

11 RS3409 RS 1/4 CTO TUNGSTEN

12 RS3411 RS 3/4 CTO TUNGSTEN

13 RS3410 RS 1/8 CTO TUNGSTEN

14 RS3420 RS DOUBLE CTO TUNGSTEN

15 R3441 FULL STRAW CTS TUNGSTEN

16 R3442 HALF STRAW TUNGSTEN

17 R3443 QUARTER STRAW TUNGSTEN

18 RS3444 EIGHTH STRAW TUNGSTEN

19 R3304 FULL PLUS GREEN TUNGSTEN

20 R3315 1/2 PLUS GREEN TUNGSTEN

21 R3316 1/4 PLUS GREEN TUNGSTEN

22 R3317 1/8 PLUS GREEN TUNGSTEN

23 R3308 FULL MINUS GREEN TUNGSTEN

24 R3309 3/4 MINUS GREEN TUNGSTEN

25 R3313 1/2 MINUS GREEN TUNGSTEN

26 R3314 1/4 MINUS GREEN TUNGSTEN

27 R3318 1/8 MINUS GREEN TUNGSTEN

28 R3310 FLUOROFILTER TUNGSTEN

29 R3107 Y1 TUNGSTEN

30 R3134 MT54 TUNGSTEN

31 R3106 MTY TUNGSTEN

32 R3102 MT2 TUNGSTEN

33 R3150 INDUSTRIAL VAPOR TUNGSTEN

34 R3152 URBAN VAPOR TUNGSTEN

35 R4215 15 BLUE TUNGSTEN

36 R4230 30 BLUE TUNGSTEN

37 R4260 60 BLUE TUNGSTEN

38 R4290 90 BLUE TUNGSTEN

39 R4307 7_5 CYAN TUNGSTEN

40 R315 15 CYAN TUNGSTEN

41 R330 30 CYAN TUNGSTEN

42 R4360 60 CYAN TUNGSTEN

43 R4390 90 CYAN TUNGSTEN

44 R4415 15 GREEN TUNGSTEN

45 R4430 30 GREEN TUNGSTEN

46 R4460 60 GREEN TUNGSTEN

47 R4490 90 GREEN TUNGSTEN

48 R4515 15 YELLOW TUNGSTEN

49 R4530 30 YELLOW TUNGSTEN

50 R4560 60 YELLOW TUNGSTEN

51 R4590 90 YELLOW TUNGSTEN

52 R4615 15 RED TUNGSTEN

53 R4630 30 RED TUNGSTEN

54 R4660 60 RED TUNGSTEN

55 R4690 90 RED TUNGSTEN

56 R4715 15 MAGENTA TUNGSTEN

57 R4730 30 MAGENTA TUNGSTEN

58 R4760 60 MAGENTA TUNGSTEN

59 R4790 90 MAGENTA TUNGSTEN

60 R4815 15 PINK TUNGSTEN

61 R4830 30 PINK TUNGSTEN

62 R4860 60 PINK TUNGSTEN

63 R4890 90 PINK TUNGSTEN

64 R4915 15 LAVENDER TUNGSTEN

65 R4930 30 LAVENDER TUNGSTEN

66 R4960 60 LAVENDER TUNGSTEN

67 R4990 90 LAVENDER TUNGSTEN

68 R2001 RED TUNGSTEN

69 R2002 ORANGE TUNGSTEN

70 R2003 YELLOW TUNGSTEN

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72 R2005 CYAN TUNGSTEN

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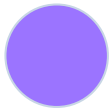
R2006 AZURE TUNGSTEN

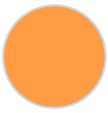
74 
R2007 BLUE TUNGSTEN

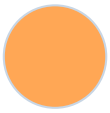
75 
R2008 INDIGO TUNGSTEN

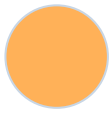
76 
R2009 VIOLET TUNGSTEN

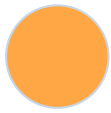
77 
R2010 MAGENTA TUNGSTEN

78 
R01 LIGHT BASTARD AMBER TUNGSTEN

79 
R02 BASTARD AMBER TUNGSTEN

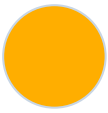
80 
R302 PALE BASTARD AMBER TUNGSTEN

81 
R06 NO COLOR STRAW TUNGSTEN

82 
R08 PALE GOLD TUNGSTEN

83 
R09 PALE AMBER GOLD TUNGSTEN

84 
R310 DAFFODIL TUNGSTEN

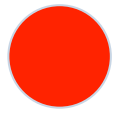
85 
R12 STRAW TUNGSTEN

86 
R316 GALLO GOLD TUNGSTEN

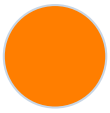
87 
R16 LIGHT AMBER TUNGSTEN

88 
R17 LIGHT FLAME TUNGSTEN

89 
R18 FLAME TUNGSTEN

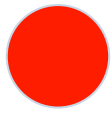
90 
R19 FIRE TUNGSTEN

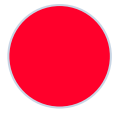
91 
R318 MAYAN SUN TUNGSTEN

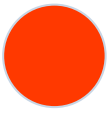
92 
R20 Medium Amber Tungsten

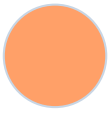
93 
R21 Golden Amber Tungsten

94 
R23 Orange Tungsten

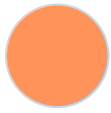
95 
R24 Scarlet Tungsten

96 
R26 Light Red Tungsten

97 
R325 Hanna Sky Tungsten

98 
R333 Blush Pink Tungsten

99 
R31 Salmon Pink Tungsten

100 
R33 No Color Pink Tungsten

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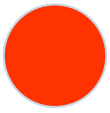
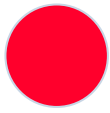
R36 Medium Pink Tungsten

102 
R37 Pale Rose Pink Tungsten

103 
R40 Light Salmon Tungsten

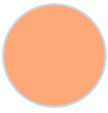
104 
R41 Salmon Tungsten

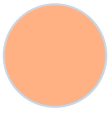
105 
R42 Deep Salmon Tungsten

106 
R44 Middle Rose Tungsten

107 
R45 Rose Tungsten

108 
R47 Light Rose Purple Tungsten

109 
R51 Surprise Pink Tungsten

110 
R54 Special Lavender Tungsten

111
R57 Lavender Tungsten

112
R355 Pale Violet Tungsten

113
R60 No Color Blue Tungsten

114
R360 Clearwater Tungsten

115
R62 Booster Blue Tungsten

116
R63 Pale Blue Tungsten

117
R362 Tipton Blue Tungsten

118
R364 Blue Bell Tungsten

119
R65 Daylight Blue Tungsten

120
R67 Light Sky Blue Tungsten

121 R68 Parry Sky Blue Tungsten
122 R70 Nile Blue Tungsten
123 R365 Tharon Delft Blue Tungsten
124 R375 Cerulean Blue Tungsten
125 R376 Bermuda Blue Tungsten
126 R76 Light Green Blue Tungsten
127 R77 Green Blue Tungsten
128 E378 Alice Blue Tungsten
129 R80 Primary Blue Tungsten
130 R381 Baldassari Blue Tungsten
131 R83 Medium Blue Tungsten
132 R85 Deep Blue Tungsten
133 R86 Pea Green Tungsten
134 R87 Pale Yellow Green Tungsten
135 R88 :ight Green Tungsten
136 R89 Moss Green Tungsten
137 R90 Dark Yellow Green Tungsten
138 R91 Primary Green Tungsten
139 R92 Turquoise Tungsten
140 R93 Blue Green Tungsten
141 R95 Medium Blue Green Tungsten
142 R99 Chocolate Tungsten
143 E213 White Flame Green Tungsten
144 E730 Liberty Green Tungsten

Color wheel 4

1 L200 Double CTB Tungsten
2 L283 1-1/2 CTB Tungsten
3 L201 Full CTB Tungsten
4 L281 3/4 CTB Tungsten
5 L202 1/2 CTB Tungsten
6 L203 1/4 CTB Tungsten
7 L218 1/8 CTB Tungsten
8 L287 Double CTO Tungsten
9 L286 1-1/2 CTO Tungsten
10 L204 Full CTO Tungsten
11 L207 Full CTO + 3 ND Tungsten
12 L208 Full CTO + 6 ND Tungsten
13 L285 3/4 CTO Tungsten
14 L205 1/2 CTO Tungsten
15 L206 1/4 CTO Tungsten
16 L223 1/8 CTO Tungsten
17 L441 Full CTS Tungsten
18 L442 1/2 CTS Tungsten
19 L443 1/4 CTS Tungsten
20 L444 1/8 CTS Tungsten
21 L212 LCT Yellow (Y1) Tungsten
22 L219 Fluorescent Green Tungsten
23 L230 Supper Corr LCT Yellow Tungsten
24 L232 Super Corr WF Green Tungsten

25 
L236 HMI (to Tungsten) Tungsten

26 
L237 CID (to Tungsten) Tungsten

27 
L238 CSI (to Tungsten) Tungsten

28
L241 Fluorescent 5700K Tungsten

29
L242 Fluorescent 4300K Tungsten

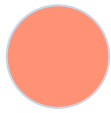
30
L243 Fluorescent 3600K Tungsten

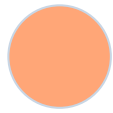
31
L244 Plus Green Tungsten

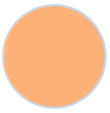
32
L245 1/2 Plus Green Tungsten

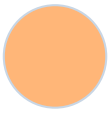
33
L246 1/4 Plus Green Tungsten

34
L278 1/8 Plus Green Tungsten

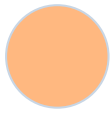
35 
L247 Minus Green Tungsten

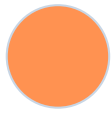
36 
L248 1/2 Minus Green Tungsten

37 
L249 1/4 Minus Green Tungsten

38 
L279 1/8 Minus Green tungsten

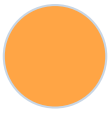
39 
L002 Rose Pink Tungsten

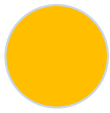
40 
L003 Lavendar Tint Tungsten

41 
L004 Medium Bastard Amber Tungsten

42 
L007 Pale Yellow Tungsten

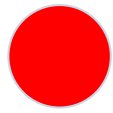
43 
L008 Dark Salmon Tungsten

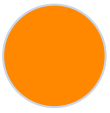
44 
L009 Pale Amber Gold Tungsten

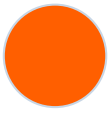
45 
L010 Medium Tellow Tungsten

46 
L013 Straw Tint Tungsten

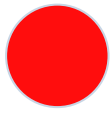
47 
L017 Surprise Peach Tungsten

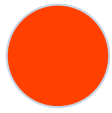
48 
L019 Fire Tungsten

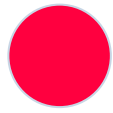
49 
L020 Medium Amber Tungsten

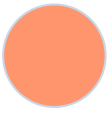
50 
L021 Gold Amber Tungsten

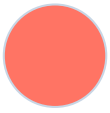
51 
L022 Dark Amber Tungsten

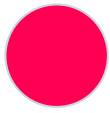
52 
L024 Scarlet Tungsten

53 
L025 Sunset Red Tungsten

54 
L026 Bright Red Tungsten

55 
L035 Light Pink Tungsten

56 
L036 Medium Pink Tungsten

57 
L046 Dark Magenta Tungsten

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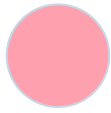
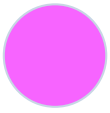
L048 Rose Purple Tungsten

59 
L052 Light Lavender Tungsten

60
WL03 Ode To Wendy Tungsten

61
L053 Paler Lavender Tungsten

62 
L058 Lavender Tungsten

63
L061 Mist Blue Tungsten

64
SB01 DGR Blue Tungsten

65
L063 Pale Blue Tungsten

66
L068 Sky Blue Tungsten

67
L071 Tokyo Blue Tungsten

68
MISTAKE IN DMX CHART L008 Marcus Blue Tungsten

69
L075 Evening Blue Tungsten

70
L079 Just Blue Tungsten

71
L085 Deeper Blue Tungsten

72
L088 Lime Green Tungsten

73 JR01 Lucky Green Tungsten

74 L089 Moss Green Tungsten

75 L90 Dark Yellow Green Tungsten

76 L100 Spring Yellow Tungsten

77 L101 Yellow Tungsten

78 L102 Light Amber Tungsten

79 L103 Straw Tungsten

80 L104 Deep Amber Tungsten

81 AJ01 Brrice Orange Tungsten

82 L106 Primary Red Tungsten

83 L107 Light Rose Tungsten

84 L108 English Rose Tungsten

85 L109 Light Salmon Tungsten

86 L110 Middle Rose Tungsten

87 L111 Dark Pink Tungsten

88 L113 Magenta Tungsten

89 L115 Peacock Blue Tungsten

90 L116 Medium Blue-Green Tungsten

91 L117 Steel Blue

92 L118 Light Blue Tungsten

93 L120 Deep Blue Tungsten

94 L121 Lee Green Tungsten

95 L122 Fern Green Tungsten

96 L124 Dark Green Tungsten

97 L127 Smokey Pink Tungsten

98 L128 Bright Pink Tungsten

99 L131 Marine Blue Tungsten

100 L134 Golden Amber Tungsten

101 L135 Deep Golden Amber Tungsten

102 L136 Pale Lavender Tungsten

103 L137 Special Lavender Tungsten

104 L138 Pale Green Tungsten

105 L140 Summer Blue Tungsten

106 L142 Pale Violet Tungsten

107 L143 Pale Navy Blue Tungsten

108 L144 No Color Blue Tungsten

109 L147 Apricot Tungsten

110 L148 Bright Rose Tungsten

111 L151 Gold Tint Tungsten

112 L152 Pale Gold Tungsten

113 L153 Pale Salmon Tungsten

114 L154 Pale Rose Pink Tungsten

115 L156 Chocolate Tungsten

116 L157 Pink Tungsten

117 L159 No Color Straw Tungsten

118 L161 Slate Blue Tungsten

119 L162 Bastard Amber Tungsten

120 L164 Falme Red Tungsten

121 L165 Daylight Blue Tungsten

122 L169 Lilac Tint Tungsten

123 L170 Deep lavender Tungsten

124 L174 Dark Steel Blue Tungsten

125 L176 Loving Amber Tungsten

126 L180 Dark Lavender Tungsten

127 L182 Light Red Tungsten

128 L192 Flesh Pink Tungsten

129 L194 Surprise Pink Tungsten

130 L195 Zenith Blue Tungsten

131 L196 True Blue Tungsten

132 L197 Alice Blue Tungsten

133 L198 Palace Blue Tungsten

134 L199 Regal Blue Tungsten

135 L600 Arctic White

136 L601 Silver Tungsten

137 L602 Platinum Tungsten

138 L603 Moonlight White Tungsten

139 L604 Full CT85 Tungsten

140 L650 Industry Sodium Tungsten

141 L651 HI Sodium Tungsten

142 L652 Urban Sodium Tungsten

143 L653 LO Sodium Tungsten

144 L184 Cosmetic Peach Tungsten

145 L186 Cosmetic Silver Rose Tungsten

146 L187 Cosmetic Rouge Tungsten

147 L188 Cosmetic Highlight Tungsten

148 L189 Cosmetic Silver Moss Tungsten

149 L191 Cosmetic Aqua Blue Tungsten

150 L705 Lily Frost Tungsten

151 L717 Shanklin Frost Tungsten

152 L718 Half Shanklin Forst Tungsten

153 L749 Hampshire Rose Tungsten

154 L774 Soft Amber Key 1 Tungsten

155 L775 Soft Amber Key 2 Tungsten

156 L791 Norrocan Forst Tungsten

157 L700 Perfect Lavender Tungsten

158 L701 Provence Tungsten

159 L702 Special Pale Lavender Tungsten

160 L703 Cold Lavender Tungsten

161 L704 Lily Tungsten

162 L706 King Fals Lavender Tungsten

163 L708 Cool Lavender Tungsten

164 L709 Electric Lilac Tungsten

165 L710 Spir Special Blue Tungsten

166 L711 Cold Blue Tungsten

167 L712 Bedford Blue Tungsten

168 L713 J Winter Blue Tungsten

169 
L714 Elysian Blue Tungsten

170 
L715 Cabana Blue Tungsten

171 
L716 Mikkel Blue Tungsten

172
L719 Colour Wash Blue Tungsten

173 
L721 Berry Blue Tungsten

174 
L723 Virgin Blue Tungsten

175
L724 Ocean Blue Tungsten

176
L725 Old Steel Blue Tungsten

177
L728 Steel Green Tungsten

178
L730 Liberty Green Tungsten

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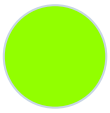
L731 Dirty Ice Tungsten

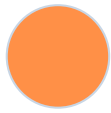
180
L733 Damp Squib Tungsten

181
L738 JAS Green Tungsten

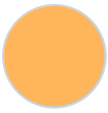
182 
L740 Aurora Borealis Green Tungsten

183 
L742 Bram Brown Tungsten

184 
L744 Dirty White Tungsten

185 
L747 Easy White Tungsten

186 
L748 Seedy Pink Tungsten

187 
L763 Wheat Tungsten

188 
L764 Sun Colour Straw tungsten

189 
L765 Lee Yellow Tungsten

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L773 Cardbox Amber Tungsten

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L776 Nectarine Tungsten

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L778 Millennium Gold Tungsten

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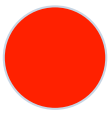
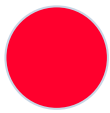
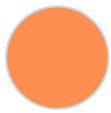
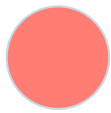
L779 Bastard Pink Tungsten

194 
L781 Terry Red Tungsten

195 
L789 Blood Red Tungsten

196 
L790 Moroccan Pink Tungsten

197 
L794 Pretty 'n Pink Tungsten

198 
L795 Magical Magenta Tungsten

199
L130 Clear Tungsten

Color wheel 5

1 R3202 FULL CTB DAYLIGHT
2 R3203 3/4 CTB DAYLIGHT
3 R3204 1/2 CTB DAYLIGHT
4 R3206 1/3 CTB DAYLIGHT
5 R3208 1/4 CTB DAYLIGHT
6 R3216 1/8 CTB DAYLIGHT
7 R3220 DOUBLE BLUE CTB DAYLIGHT
8 R3304 TOUGH + GREEN DAYLIGHT
9 R3407 RS CTO DAYLIGHT
10 R3408 RS 1/2 CTO DAYLIGHT
11 RS3409 RS 1/4 CTO DAYLIGHT
12 RS3411 RS 3/4 CTO DAYLIGHT
13 RS3410 RS 1/8 CTO DAYLIGHT
14 RS3420 RS DOUBLE CTO DAYLIGHT
15 R3441 FULL STRAW CTS DAYLIGHT
16 R3442 HALF STRAW DAYLIGHT
17 R3443 QUARTER STRAW DAYLIGHT
18 RS3444 EIGHTH STRAW DAYLIGHT
19 R3304 FULL PLUS GREEN DAYLIGHT
20 R3315 1/2 PLUS GREEN DAYLIGHT
21 R3316 1/4 PLUS GREEN DAYLIGHT
22 R3317 1/8 PLUS GREEN DAYLIGHT
23 R3308 FULL MINUS GREEN DAYLIGHT
24 R3309 3/4 MINUS GREEN DAYLIGHT
25 R3313 1/2 MINUS GREEN DAYLIGHT
26 R3314 1/4 MINUS GREEN DAYLIGHT
27 R3318 1/8 MINUS GREEN DAYLIGHT
28 R3310 FLUOROFILTER DAYLIGHT
29 R3107 Y1 DAYLIGHT
30 R3134 MT54 DAYLIGHT
31 R3106 MTY DAYLIGHT
32 R3102 MT2 DAYLIGHT
33 R3150 INDUSTRIAL VAPOR DAYLIGHT
34 R3152 URBAN VAPOR DAYLIGHT
35 R4215 15 BLUE DAYLIGHT
36 R4230 30 BLUE DAYLIGHT
37 R4260 60 BLUE DAYLIGHT
38 R4290 90 BLUE DAYLIGHT
39 R4307 7_5 CYAN DAYLIGHT
40 R315 15 CYAN DAYLIGHT
41 R330 30 CYAN DAYLIGHT
42 R4360 60 CYAN DAYLIGHT
43 R4390 90 CYAN DAYLIGHT
44 R4415 15 GREEN DAYLIGHT
45 R4430 30 GREEN DAYLIGHT
46 R4460 60 GREEN DAYLIGHT
47 R4490 90 GREEN DAYLIGHT
48 R4515 15 YELLOW DAYLIGHT

49 R4530 30 YELLOW DAYLIGHT

50 R4560 60 YELLOW DAYLIGHT

51 R4590 90 YELLOW DAYLIGHT

52 R4615 15 RED DAYLIGHT

53 R4630 30 RED DAYLIGHT

54 R4660 60 RED DAYLIGHT

55 R4690 90 RED DAYLIGHT

56 R4715 15 MAGENTA DAYLIGHT

57 R4730 30 MAGENTA DAYLIGHT

58 R4760 60 MAGENTA DAYLIGHT

59 R4790 90 MAGENTA DAYLIGHT

60 R4815 15 PINK DAYLIGHT

61 R4830 30 PINK DAYLIGHT

62 R4860 60 PINK DAYLIGHT

63 R4890 90 PINK DAYLIGHT

64 R4915 15 LAVENDER DAYLIGHT

65 R4930 30 LAVENDER DAYLIGHT

66 R4960 60 LAVENDER DAYLIGHT

67 R4990 90 LAVENDER DAYLIGHT

68 R2001 RED DAYLIGHT

69 R2002 ORANGE DAYLIGHT

70 R2003 YELLOW DAYLIGHT

71 R2004 GREEN DAYLIGHT

72 R2005 CYAN DAYLIGHT

73 R2006 AZURE DAYLIGHT

74 R2007 BLUE DAYLIGHT

75 R2008 INDIGO DAYLIGHT

76 R2009 VIOLET DAYLIGHT

77 R2010 MAGENTA DAYLIGHT

78 R01 LIGHT BASTARD AMBER DAYLIGHT

79 R02 BASTARD AMBER DAYLIGHT

80 R302 PALE BASTARD AMBER DAYLIGHT

81 R06 NO COLOR STRAW DAYLIGHT

82 R08 PALE GOLD DAYLIGHT

83 R09 PALE AMBER GOLD DAYLIGHT

84 R310 DAFFODIL DAYLIGHT

85 R12 STRAW DAYLIGHT

86 R316 GALLO GOLD DAYLIGHT

87 R16 LIGHT AMBER DAYLIGHT

88 R17 LIGHT FLAME DAYLIGHT

89 R18 FLAME DAYLIGHT

90 R19 FIRE DAYLIGHT

91 R318 MAYAN SUN DAYLIGHT

92 R20 Medium Amber Daylight

93 R21 Golden Amber Daylight

94 R23 Orange Daylight

95 R24 Scarlet Daylight

96 R26 Light Red Daylight

97 R325 Hanna Sky Daylight

98 R333 Blush Pink Daylight

99 R31 Salmon Pink Daylight

100 R33 No Color Pink Daylight

101 R36 Medium Pink Daylight

102 R37 Pale Rose Pink Daylight

103 R40 Light Salmon Daylight

104 R41 Salmon Daylight

105 R42 Deep Salmon Daylight

106 R44 Middle Rose Daylight

107 R45 Rose Daylight

108 R47 Light Rose Purple Daylight

109 R51 Surprise Pink Daylight

110 R54 Special Lavender Daylight

111 R57 Lavender Daylight

112 R355 Pale Violet Daylight

113 R60 No Color Blue Daylight

114 R360 Clearwater Daylight

115 R62 Booster Blue Daylight

116 R63 Pale Blue Daylight

117 R362 Tipton Blue Daylight

118 R364 Blue Bell Daylight

119 R65 Daylight Blue Daylight

120 R67 Light Sky Blue Daylight

121 R68 Parry Sky Blue Daylight

122 R70 Nile Blue Daylight

123 R365 Tharon Delft Blue Daylight

124 R375 Cerulean Blue Daylight

125 R376 Bermuda Blue Daylight

126 R76 Light Green Blue Daylight

127 R77 Green Blue Daylight

128 R378 Alice Blue Daylight

129 R80 Primary Blue Daylight

130 R381 Baldassari Blue Daylight

131 R83 Medium Blue Daylight

132 R85 Deep Blue Daylight

133 R86 Pea Green Daylight

134 R87 Pale Yellow Green Daylight

135 R88 Light Green Daylight

136 R89 Moss Green Daylight

137 R90 Dark Yellow Green Daylight

138 R91 Primary Green Daylight

139 R92 Turquoise Daylight

140 R93 Blue Green Daylight

141 R95 Medium Blue Green Daylight

142 R99 Chocolate Daylight

143 E213 White Flame Green Daylight

144 E730 Liberty Green Daylight

Color wheel 6

1. 
L200 Double CTB Daylight

2. 
L283 1-1/2 CTB Daylight

3. 
L201 Full CTB Daylight

4. 
L281 3/4 CTB Daylight

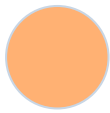
5.
L202 1/2 CTB Daylight

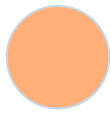
6.
L203 1/4 CTB Daylight

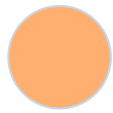
7.
L218 1/8 CTB Daylight

8. 
L287 Double CTO Daylight

9. 
L286 1-1/2 CTO Daylight

10. 
L204 Full CTO Daylight

11. 
L207 Full CTO + 3 ND Daylight

12. 
L208 Full CTO + 6 ND Daylight

13.
L285 3/4 CTO Daylight

14.
L205 1/2 CTO Daylight

15.
L206 1/4 CTO Daylight

16.
L223 1/8 CTO Daylight

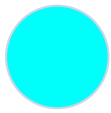
17.
L441 Full CTS Daylight

18.
L442 1/2 CTS Daylight

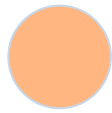
19.
L443 1/4 CTS Daylight

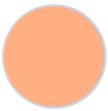
20.
L444 1/8 CTS Daylight

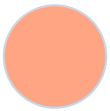
21.
L212 LCT Yellow (Y1) Daylight

22. 
L219 Fluorescent Green Daylight

23.
L230 Super Corr LCT Yellow Daylight

24. 
L232 Super Corr WF Green Daylight

25. 
L236 HMI (to Tungsten) Daylight

26. 
L237 CID (to Tungsten) Daylight

27.
L238 CSI (to Tungsten) Daylight

28. 
L241 Fluorescent 5700K Daylight

29.
L242 Fluorescent 4300K Daylight

30.
L243 Fluorescent 3600K Daylight

31.
L244 Plus Green Daylight

32.
L245 1/2 Plus Green Daylight

33.
L246 1/4 Plus Green Daylight

34.
L278 1/8 Plus Green Daylight

35.
L247 Minus Green Daylight

36.
L248 1/2 Minus Green Daylight

37.
L249 1/4 Minus Green Daylight

38.
L279 1/8 Minus Green Daylight

39. 
L002 Rose Pink Daylight

40.
L003 Lavendar Tint Daylight

41.
L004 Medium Bastard Amber Daylight

42.
L007 Pale Yellow Daylight

43.
L008 Dark Salmon Daylight

44.
L009 Pale Amber Gold Daylight

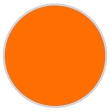
45.
L010 Medium Yellow Daylight

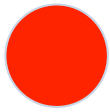
46.
L013 Straw Tint Daylight

47.
L017 Surprise Peach Daylight

48.
L019 Fire Daylight

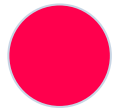
49 
L020 Medium Amber Daylight

50 
L021 Gold Amber Daylight

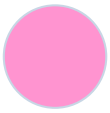
51 
L022 Dark Amber Daylight

52 
L024 Scarlet Daylight

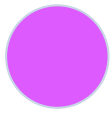
53 
L025 Sunset Red Daylight

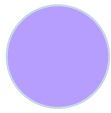
54 
L026 Bright Red Daylight

55
L035 Light Pink Daylight

56 
L036 Medium Pink Daylight

57 
L046 Dark Magenta Daylight

58 
L048 Rose Purple Daylight

59 
L052 Light Lavender Daylight

60
WL03 Ode To Wendy Daylight

61
L053 Paler Lavender Daylight

62 
L058 Lavender Daylight

63
L061 Mist Blue Daylight

64
SB01 DGR Blue Daylight

65 
L063 Pale Blue Daylight

66 
L068 Sky Blue Daylight

67 
L071 Tokyo Blue Daylight

68
MISTAKE IN DMX CHART L008 Marcus Blue Daylight

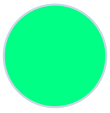
69 
L075 Evening Blue Daylight

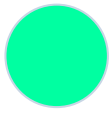
70 
L079 Just Blue Daylight

71 
L085 Deeper Blue Daylight

72
L088 Lime Green Daylight

73
JR01 Lucky Green Daylight

74 
L089 Moss Green Daylight

75 
L90 Dark Yellow Green Daylight

76
L100 Spring Yellow Daylight

77
L101 Yellow Daylight

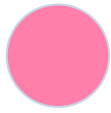
78
L102 Light Amber Daylight

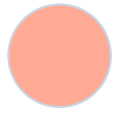
79
L103 Straw Daylight

80 
L104 Deep Amber Daylight

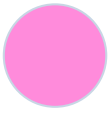
81
AJ01 Brrice Orange Daylight

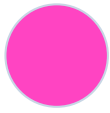
82 
L106 Primary Red Daylight

83 
L107 Light Rose Daylight

84 
L108 English Rose Daylight

85 
L109 Light Salmon Daylight

86 
L110 Middle Rose Daylight

87 
L111 Dark Pink Daylight

88 
L113 Magenta Daylight

89
L115 Peacock Blue Daylight

90
L116 Medium Blue-Green Daylight

91
L117 Steel Blue Daylight

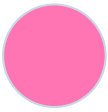
92
L118 Light Blue Daylight

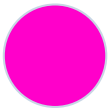
93
L120 Deep Blue Daylight

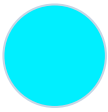
94
L121 Lee Green Daylight

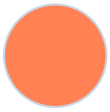
95
L122 Fern Green Daylight

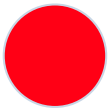
96
L124 Dark Green Daylight

97 
L127 Smokey Pink Daylight

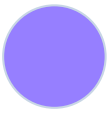
98 
L128 Bright Pink Daylight

99 
L131 Marine Blue Daylight

100 
L134 Golden Amber Daylight

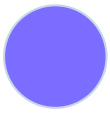
101 
L135 Deep Golden Amber Daylight

102
L136 Pale Lavender Daylight

103 
L137 Special Lavender Daylight

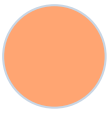
104
L138 Pale Green Daylight

105 
L140 Summer Blue Daylight

106 
L142 Pale Violet Daylight

107 
L143 Pale Navy Blue Daylight

108 
L144 No Color Blue Daylight

109 
L147 Apricot Daylight

110 
L148 Bright Rose Daylight

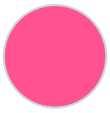
111
L151 Gold Tint Daylight

112
L152 Pale Gold Daylight

113
L153 Pale Salmon Daylight

114
L154 Pale Rose Pink Daylight

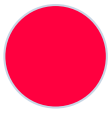
115
L156 Chocolate Daylight

116 
L157 Pink Daylight

117
L159 No Color Straw Daylight

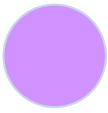
118 
L161 Slate Blue Daylight

119
L162 Bastard Amber Daylight

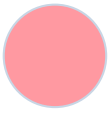
120 
L164 Falme Red Daylight

121 
L165 Daylight Blue Daylight

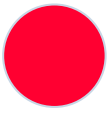
122
L169 Lilac Tint Daylight

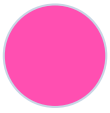
123 
L170 Deep lavender Daylight

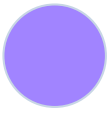
124 
L174 Dark Steel Blue Daylight

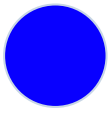
125 
L176 Loving Amber Daylight

126 
L180 Dark Lavender Daylight

127 
L182 Light Red Daylight

128 
L192 Flesh Pink Daylight

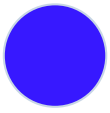
129 
L194 Surprise Pink Daylight

130 
L195 Zenith Blue Daylight

131 
L196 True Blue Daylight

132 
L197 Alice Blue Daylight

133 
L198 Palace Blue Daylight

134 
L199 Regal Blue Daylight

135 
L600 Arctic White Daylight

136 
L601 Silver Daylight

137
L602 Platinum Daylight

138
L603 Moonlight White Daylight

139
L604 Full CT85 Daylight

140
L650 Industry Sodium Daylight

141
L651 HI Sodium Daylight

142
L652 Urban Sodium Daylight

143
L653 LO Sodium Daylight

144
L184 Cosmetic Peach Daylight

145 L186 Cosmetic Silver Rose Daylight

146 L187 Cosmetic Rouge Daylight

147 L188 Cosmetic Highlight Daylight

148 L189 Cosmetic Silver Moss Daylight

149 L191 Cosmetic Aqua Blue Daylight

150 L705 Lily Frost Daylight

151 L717 Shanklin Frost Daylight

152 L718 Half Shanklin Forst Daylight

153 L749 Hampshire Rose Daylight

154 L774 Soft Amber Key 1 Daylight

155 L775 Soft Amber Key 2 Daylight

156 L791 Norrocan Forst Daylight

157 L700 Perfect Lavender Daylight

158 L701 Provence Daylight

159 L702 Special Pale Lavender Daylight

160 L703 Cold Lavender Daylight

161 L704 Lily Daylight

162 L706 King Fals Lavender Daylight

163 L708 Cool Lavender Daylight

164 L709 Electric Lilac Daylight

165 L710 Spir Special Blue Daylight

166 L711 Cold Blue Daylight

167 L712 Bedford Blue Daylight

168 L713 J Winter Blue Daylight

169 L714 Elysian Blue Daylight

170 L715 Cabana Blue Daylight

171 L716 Mikkel Blue Daylight

172 L719 Colour Wash Blue Daylight

173 L721 Berry Blue Daylight

174 L723 Virgin Blue Daylight

175 L724 Ocean Blue Daylight

176 L725 Old Steel Blue Daylight

177 L728 Steel Green Daylight

178 L730 Liberty Green Daylight

179 L731 Dirty Ice Daylight

180 L733 Damp Squib Daylight

181 L738 JAS Green Daylight

182 L740 Aurora Borealis Green Daylight

183 L742 Bram Brown Daylight

184 L744 Dirty White Daylight

185 L747 Easy White Daylight

186 L748 Seedy Pink Daylight

187 L763 Wheat Daylight

188 L764 Sun Colour Straw Daylight

189 L765 Lee Yellow Daylight

190 L773 Cardbox Amber Daylight

191 L776 Nectarine Daylight

192 L778 Millennium Gold Daylight

193 L779 Bastard Pink Daylight

194 L781 Terry Red Daylight

195 L789 Blood Red Daylight

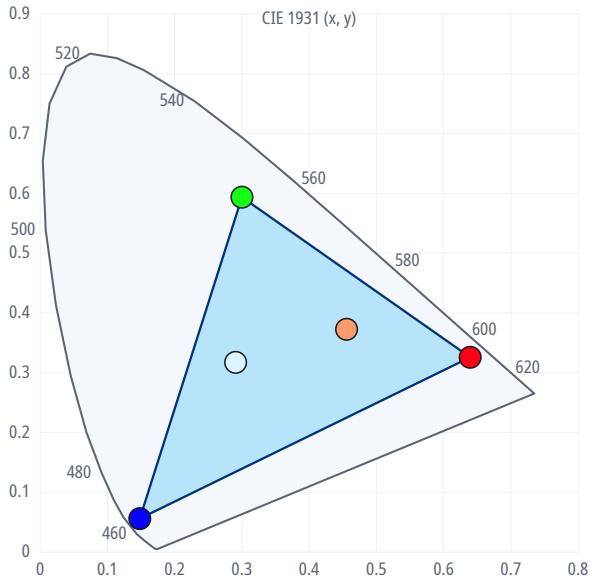
196 L790 Moroccan Pink Daylight

197 L794 Pretty 'n Pink Daylight

198 L795 Magical Magenta Daylight

199 L130 Clear Daylight

LED colors and the colors they mix

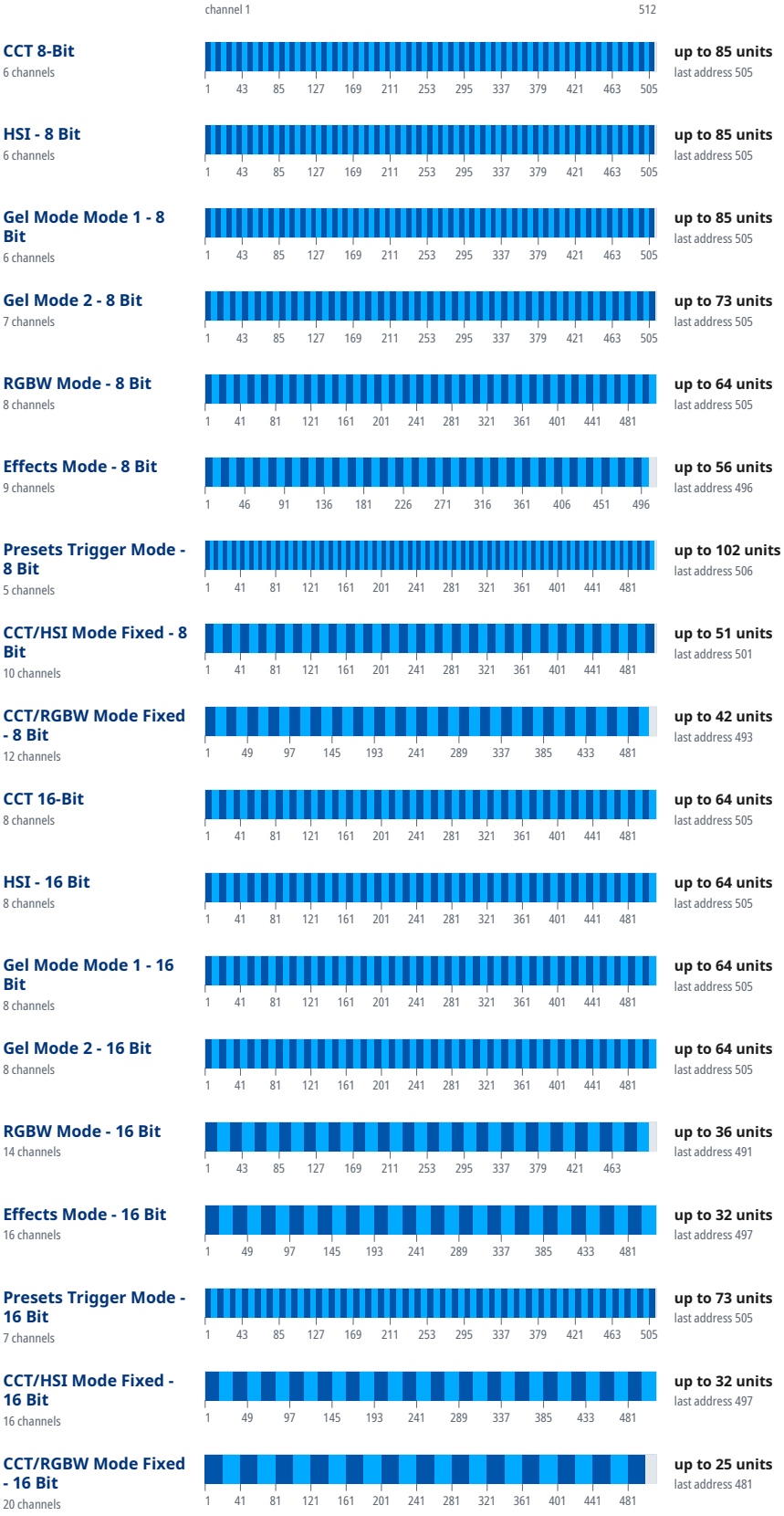


LED	x	y
Red	0.639	0.326
Green	0.300	0.594
Blue	0.148	0.056
Daylight	0.291	0.317
Tungsten	0.456	0.373

The shaded area holds the colors the LEDs can mix; the dots are the LED colors the GDTF file states.

9 DMX channels

Units in one DMX universe



Start addresses of 20 units in the mode “CCT/RGBW Mode Fixed - 16 Bit”

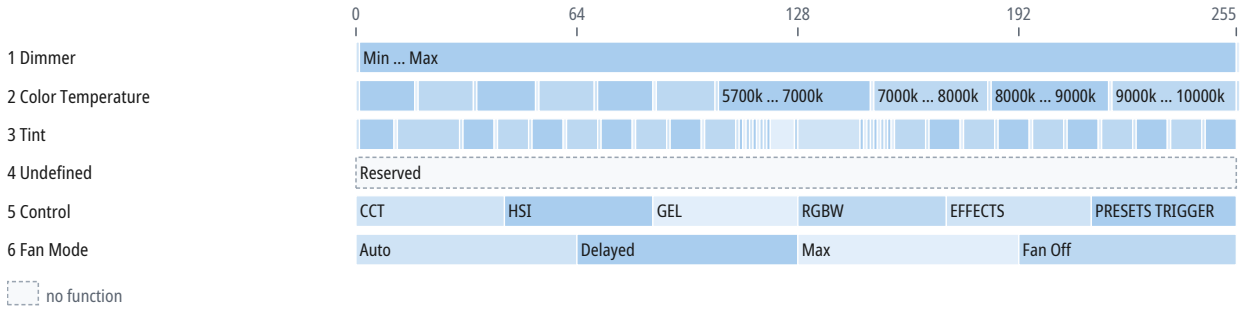
Unit	Start address	Unit	Start address	Unit	Start address	Unit	Start address
1	1	6	101	11	201	16	301
2	21	7	121	12	221	17	321
3	41	8	141	13	241	18	341
4	61	9	161	14	261	19	361
5	81	10	181	15	281	20	381

RDM personalities

Mode	Channels	RDM personality
CCT 8-Bit	6	2
HSI - 8 Bit	6	5
Gel Mode Mode 1 - 8 Bit	6	17
Gel Mode 2 - 8 Bit	7	11
RGBW Mode - 8 Bit	8	4
Effects Mode - 8 Bit	9	13
Presets Trigger Mode - 8 Bit	5	15
CCT/HSI Mode Fixed - 8 Bit	10	3
CCT/RGBW Mode Fixed - 8 Bit	12	1
CCT 16-Bit	8	7
HSI - 16 Bit	8	10
Gel Mode Mode 1 - 16 Bit	8	18
Gel Mode 2 - 16 Bit	8	12
RGBW Mode - 16 Bit	14	9
Effects Mode - 16 Bit	16	14
Presets Trigger Mode - 16 Bit	7	16
CCT/HSI Mode Fixed - 16 Bit	16	8
CCT/RGBW Mode Fixed - 16 Bit	20	6

Mode CCT 8-Bit

Channel functions at a glance



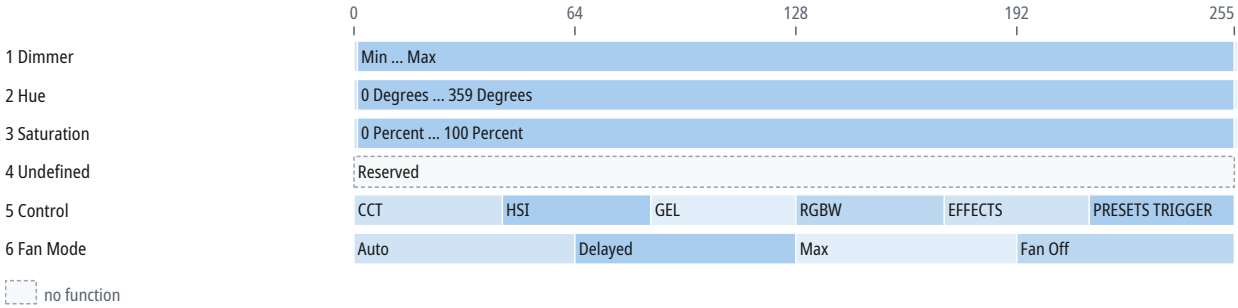
CH	Function	DMX	Description
1	Dimmer	0	Min
		1–254	Min ... Max
		255	Max

CH	Function	DMX	Description
2	Color Temperature	0	2700k
		1–16	2700k … 3200k
		17	3200k
		18–33	3200k … 3700k
		34	3700k
		35–51	3700k … 4200k
		52	4200k
		53–68	4200k … 4700k
		69	4700k
		70–85	4700k … 5200k
		86	5200k
		87–103	5200k … 5700k
		104	5700k
		105–148	5700k … 7000k
		149	7000k
		150–182	7000k … 8000k
		183	8000k
		184–217	8000k … 9000k
		218	9000k
		219–254	9000k … 10000k
		255	10000k
3	Tint	0	Green Offset None: No Green Offset
		1–10	Green Offset None
		11	-100 Green
		12–29	-100 Green … -90 Green
		30	-90 Green
		31–39	-90 Green … -80 Green
		40	-80 Green
		41–49	-80 Green … -70 Green
		50	-70 Green
		51–59	-70 Green … -60 Green
		60	-60 Green
		61–69	-60 Green … -50 Green
		70	-50 Green
		71–79	-50 Green … -40 Green
		80	-40 Green
		81–89	-40 Green … -30 Green
		90	-30 Green
		91–99	-30 Green … -20 Green
		100	-20 Green
		101–109	-20 Green … -10 Green
		110–119	-10…-1 Green

CH	Function	DMX	Description
3	Tint (continued)	120–145	No Green Offset
		146–155	+1...10 Green
		156–164	+10 Green ... +20 Green
		165	+20 Green
		166–174	+20 Green ... +30 Green
		175	+30 Green
		176–184	+30 Green ... +40 Green
		185	+40 Green
		186–194	+40 Green ... +50 Green
		195	+50 Green
		196–204	+50 Green ... +60 Green
		205	+60 Green
		206–214	+60 Green ... +70 Green
		215	+70 Green
		216–224	+70 Green ... +80 Green
		225	+80 Green
		226–234	+80 Green ... +90 Green
		235	+90 Green
		236–244	+90 Green ... +100 Green
		245	+100 Green
		246–255	Plus Green Offset
4	Undefined	0–255	Reserved
5	Control	0–42	CCT
		43–85	HSI
		86–127	GEL
		128–170	RGBW
		171–212	EFFECTS
		213–255	PRESETS TRIGGER
6	Fan Mode		Fan Control
		0–63	Auto
		64–127	Delayed
		128–191	Max
		192–255	Fan Off

Mode HSI - 8 Bit

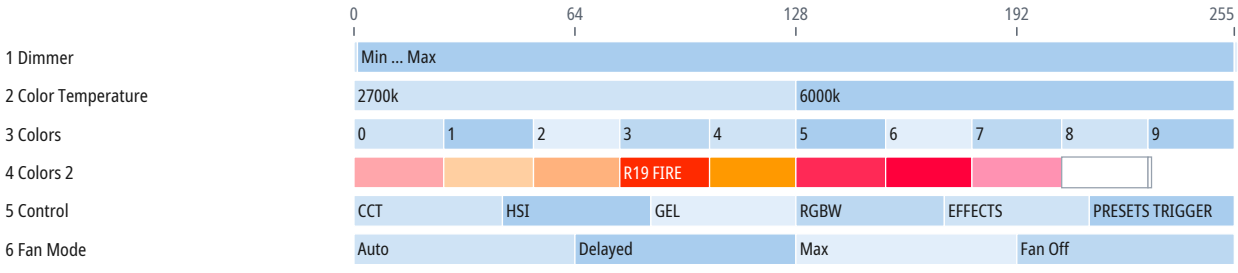
Channel functions at a glance



CH	Function	DMX	Description
1	Dimmer		Same as CH 1 in the mode “CCT 8-Bit” (p. 40)
2	Hue	0	0 Degrees
		1–254	0 Degrees ... 359 Degrees
		255	359 Degrees
3	Saturation	0	0 Percent
		1–254	0 Percent ... 100 Percent
		255	100 Percent
4	Undefined	0–255	Reserved
5	Control		Same as CH 5 in the mode “CCT 8-Bit” (p. 42)
6	Fan Mode		Same as CH 6 in the mode “CCT 8-Bit” (p. 42)

Mode Gel Mode Mode 1 - 8 Bit

Channel functions at a glance



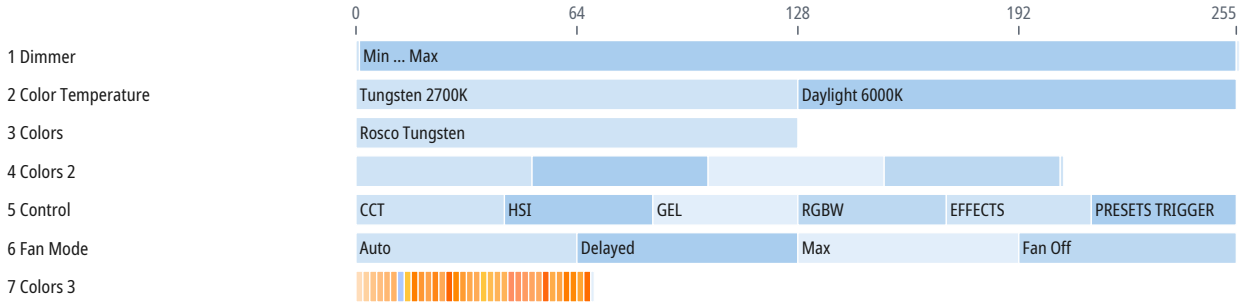
CH	Function	DMX	Description
1	Dimmer		Same as CH 1 in the mode “CCT 8-Bit” (p. 40)
2	Color Temperature		CCT Option
		0–127	2700k
		128–255	6000k
3	Colors		10's Digit
		0–25	0
		26–51	1
		52–76	2
		77–102	3

CH	Function	DMX	Description
3	Colors (continued)	103–127	4
		128–153	5
		154–178	6
		179–204	7
		205–229	8
		230–255	9
4	Colors 2		When CH 3 is 0–25:
		0–25	R01 LIGHT BASTARD AMBER
		26–51	R09 PALE AMBER GOLD
		52–76	R16 LIGHT AMBER
		77–102	R19 FIRE
		103–127	R20 MEDIUM AMBER
		128–153	R24 SCARLET
		154–178	R26 LIGHT RED
		179–204	R31 SALMON PINK
		205–229	R33 NO COLOR PINK
		230–255	R36 MEDIUM PINK
			When CH 3 is 26–51:
		0–25	R40 Light Salmon
		26–51	R42 DEEP SALMON
		52–76	R45 ROSE
		77–102	R54 SPECIAL LAVENDER
		103–127	R57 LAVENDER
		128–153	R60 NO COLOR BLUE
		154–178	R63 PALE BLUE
		179–204	R65 DAYLIGHT BLUE
		205–229	R67 LIGHT SKY BLUE
		230–255	R68 PARRY SKY BLUE
			When CH 3 is 52–76:
		0–25	R70 NILE BLUE
		26–51	R76 LIGHT GREEN BLUE
		52–76	R77 GREEN BLUE
		77–102	R80 PRIMARY BLUE
		103–127	R85 DEEP BLUE
		128–153	R86 PEA GREEN
		154–178	R89 MOSS GREEN
		179–204	R90 DARK YELLOW GREEN
		205–229	R95 MEDIUM BLUE GREEN
		230–255	R99 CHOCOLATE
			When CH 3 is 77–102:
		0–25	R355 PALE VIOLET
		26–51	R3202 FULL CTB

CH	Function	DMX	Description
4	Colors 2 (continued)	52–76	R3204 HALF CTB
		77–102	R3208 QUARTER CTB
		103–127	R3304 TOUGH PLUSGREEN
		128–153	R3407 ROSCOSUN CTO
		154–178	R3408 ROSCOSUN HALF CTO
		179–204	R3409 ROSCOSUN QUARTER CTO
		205–229	R4330 CALCCOLOR 30 CYAN
		230–255	R4360 CALCCOLOR 60 CYAN
			When CH 3 is 103–127:
		0–25	R4390 CALCCOLOR 90 CYAN
		26–51	L71 TOKYO BLUE
		52–76	L103 STRAW
		77–102	L116 MEDIUM BLUE-GREEN
		103–127	L147 APRICOT
		128–153	L713 J WINTER BLUE
		154–178	RE213 WHITE FLAME GREEN
		179–204	RE730 LIBERTY GREEN
		205–229	R3150 INDUSTRIAL VAPOR
		230–255	R3152 URBAN VAPOR
			When CH 3 is 128–153:
		0–25	L650 INDUSTRY SODIUM
		26–51	L651 HI SODIUM
		52–76	L652 URBAN SODIUM
		77–102	L653 LO SODIUM
		103–127	L713 AURORA BOREALIS GREEN
		128–255	1's Digit 5
5	Control		Same as CH 5 in the mode “CCT 8-Bit” (p. 42)
6	Fan Mode		Same as CH 6 in the mode “CCT 8-Bit” (p. 42)

Mode Gel Mode 2 - 8 Bit

Channel functions at a glance



CH	Function	DMX	Description
1	Dimmer		Same as CH 1 in the mode “CCT 8-Bit” (p. 40)
2	Color Temperature	0–127	Tungsten 2700K
		128–255	Daylight 6000K
3	Colors		When CH 2 is 0–127:
		0–127	Rosco Tungsten
		128–255	Lee Tungsten
			When CH 2 is 128–255:
		0–127	Rosco Daylight
		128–255	Lee Daylight
4	Colors 2		When CH 3 is 0–127:
		0–50	Category 1 Rosco Tungsten
		51–101	Category 2 Rosco Tungsten
		102–152	Category 3 Rosco Tungsten
		153–203	Category 4 Rosco Tungsten
		204–255	Category 5 Rosco Tungsten
5	Control		Same as CH 5 in the mode “CCT 8-Bit” (p. 42)
6	Fan Mode		Same as CH 6 in the mode “CCT 8-Bit” (p. 42)
7	Colors 3		When CH 4 is 0–50:
		0–1	R3202 FULL CTB TUNGSTEN
		2–3	R3203 3/4 CTB TUNGSTEN
		4–5	R3204 1/2 CTB TUNGSTEN
		6–7	R3206 1/3 CTB TUNGSTEN
		8–9	R3208 1/4 CTB TUNGSTEN
		10–11	R3216 1/8 CTB TUNGSTEN
		12–13	R3220 DOUBLE BLUE CTB TUNGSTEN
		14–15	R3304 TOUGH + GREEN TUNGSTEN
		16–17	R3407 RS CTO TUNGSTEN
		18–19	R3408 RS 1/2 CTO TUNGSTEN
		20–21	RS3409 RS 1/4 CTO TUNGSTEN
		22–23	RS3411 RS 3/4 CTO TUNGSTEN
		24–25	RS3410 RS 1/8 CTO TUNGSTEN
		26–27	RS3420 RS DOUBLE CTO TUNGSTEN
		28–29	R3441 FULL STRAW CTS TUNGSTEN
		30–31	R3442 HALF STRAW TUNGSTEN
		32–33	R3443 QUARTER STRAW TUNGSTEN
		34–35	RS3444 EIGHTH STRAW TUNGSTEN
		36–37	R3304 FULL PLUS GREEN TUNGSTEN
		38–39	R3315 1/2 PLUS GREEN TUNGSTEN
		40–41	R3316 1/4 PLUS GREEN TUNGSTEN
		42–43	R3317 1/8 PLUS GREEN TUNGSTEN

CH	Function	DMX	Description
7	Colors 3 (continued)	44–45	R3308 FULL MINUS GREEN TUNGSTEN
		46–47	R3309 3/4 MINUS GREEN TUNGSTEN
		48–49	R3313 1/2 MINUS GREEN TUNGSTEN
		50–51	R3314 1/4 MINUS GREEN TUNGSTEN
		52–53	R3318 1/8 MINUS GREEN TUNGSTEN
		54–55	R3310 FLUOROFILTER TUNGSTEN
		56–57	R3107 Y1 TUNGSTEN
		58–59	R3134 MT54 TUNGSTEN
		60–61	R3106 MTY TUNGSTEN
		62–63	R3102 MT2 TUNGSTEN
		64–65	R3150 INDUSTRIAL VAPOR TUNGSTEN
		66–67	R3152 URBAN VAPOR TUNGSTEN
		68–255	Category 1 - Rosco Tungsten
			When CH 4 is 51–101:
		0–1	R4215 15 BLUE TUNGSTEN
		2–3	R4230 30 BLUE TUNGSTEN
		4–5	R4260 60 BLUE TUNGSTEN
		6–7	R4290 90 BLUE TUNGSTEN
		8–9	R4307 7_5 CYAN TUNGSTEN
		10–11	R315 15 CYAN TUNGSTEN
		12–13	R330 30 CYAN TUNGSTEN
		14–15	R4360 60 CYAN TUNGSTEN
		16–17	R4390 90 CYAN TUNGSTEN
		18–19	R4415 15 GREEN TUNGSTEN
		20–21	R4430 30 GREEN TUNGSTEN
		22–23	R4460 60 GREEN TUNGSTEN
		24–25	R4490 90 GREEN TUNGSTEN
		26–27	R4515 15 YELLOW TUNGSTEN
		28–29	R4530 30 YELLOW TUNGSTEN
		30–31	R4560 60 YELLOW TUNGSTEN
		32–33	R4590 90 YELLOW TUNGSTEN
		34–35	R4615 15 RED TUNGSTEN
		36–37	R4630 30 RED TUNGSTEN
		38–39	R4660 60 RED TUNGSTEN
		40–41	R4690 90 RED TUNGSTEN
		42–43	R4715 15 MAGENTA TUNGSTEN
		44–45	R4730 30 MAGENTA TUNGSTEN
		46–47	R4760 60 MAGENTA TUNGSTEN
		48–49	R4790 90 MAGENTA TUNGSTEN
		50–51	R4815 15 PINK TUNGSTEN
		52–53	R4830 30 PINK TUNGSTEN

	54–55	R4860 60 PINK TUNGSTEN

CH	Function	DMX	Description
7	Colors 3 (continued)	56–57	R4890 90 PINK TUNGSTEN
		58–59	R4915 15 LAVENDER TUNGSTEN
		60–61	R4930 30 LAVENDER TUNGSTEN
		62–63	R4960 60 LAVENDER TUNGSTEN
		64–65	R4990 90 LAVENDER TUNGSTEN
		66–255	Category 2 - Rosco Tungsten
			When CH 4 is 102–152:
		0–1	R2001 RED TUNGSTEN
		2–3	R2002 ORANGE TUNGSTEN
		4–5	R2003 YELLOW TUNGSTEN
		6–7	R2004 GREEN TUNGSTEN
		8–9	R2005 CYAN TUNGSTEN
		10–11	R2006 AZURE TUNGSTEN
		12–13	R2007 BLUE TUNGSTEN
		14–15	R2008 INDIGO TUNGSTEN
		16–17	R2009 VIOLET TUNGSTEN
		18–19	R2010 MAGENTA TUNGSTEN
		20–255	Category 3 - Rosco Tungsten
			When CH 4 is 153–203:
		0–1	R01 LIGHT BASTARD AMBER TUNGSTEN
		2–3	R02 BASTARD AMBER TUNGSTEN
		4–5	R302 PALE BASTARD AMBER TUNGSTEN
		6–7	R06 NO COLOR STRAW TUNGSTEN
		8–9	R08 PALE GOLD TUNGSTEN
		10–11	R09 PALE AMBER GOLD TUNGSTEN
		12–13	R310 DAFFODIL TUNGSTEN
		14–15	R12 STRAW TUNGSTEN
		16–17	R316 GALLO GOLD TUNGSTEN
		18–19	R16 LIGHT AMBER TUNGSTEN
		20–21	R17 LIGHT FLAME TUNGSTEN
		22–23	R18 FLAME TUNGSTEN
		24–25	R19 FIRE TUNGSTEN
		26–27	R318 MAYAN SUN TUNGSTEN
		28–29	R20 Medium Amber Tungsten
		30–31	R21 Golden Amber Tungsten
		32–33	R23 Orange Tungsten
		34–35	R24 Scarlet Tungsten
		36–37	R26 Light Red Tungsten
		38–39	R325 Hanna Sky Tungsten
		40–41	R333 Blush Pink Tungsten
		42–43	R31 Salmon Pink Tungsten

	44–45	R33 No Color Pink Tungsten

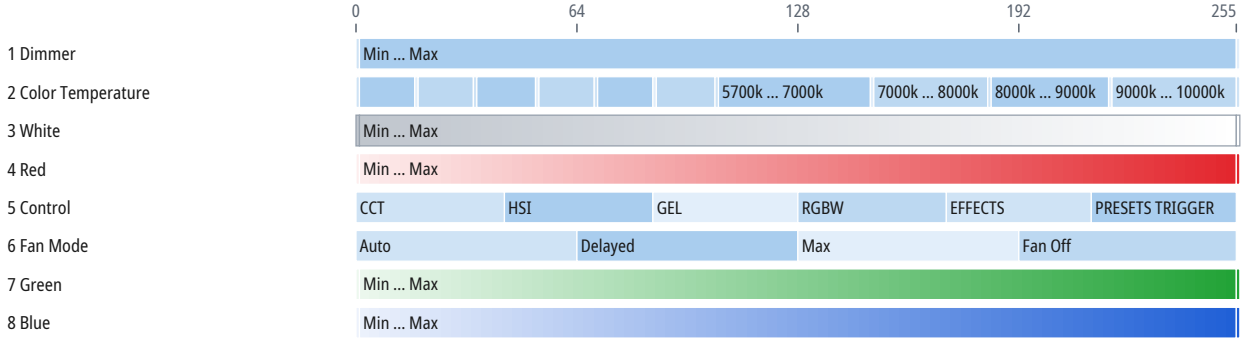
CH	Function	DMX	Description
7	Colors 3 (continued)	46–47	R36 Medium Pink Tungsten
		48–49	R37 Pale Rose Pink Tungsten
		50–51	R40 Light Salmon Tungsten
		52–53	R41 Salmon Tungsten
		54–55	R42 Deep Salmon Tungsten
		56–57	R44 Middle Rose Tungsten
		58–59	R45 Rose Tungsten
		60–61	R47 Light Rose Purple Tungsten
		62–63	R51 Surprise Pink Tungsten
		64–65	R54 Special Lavender Tungsten
		66–67	R57 Lavender Tungsten
		68–69	R355 Pale Violet Tungsten
		70–71	R60 No Color Blue Tungsten
		72–73	R360 Clearwater Tungsten
		74–75	R62 Booster Blue Tungsten
		76–77	R63 Pale Blue Tungsten
		78–79	R362 Tipton Blue Tungsten
		80–81	R364 Blue Bell Tungsten
		82–83	R65 Daylight Blue Tungsten
		84–85	R67 Light Sky Blue Tungsten
		86–87	R68 Parry Sky Blue Tungsten
		88–89	R70 Nile Blue Tungsten
		90–91	R365 Tharon Delft Blue Tungsten
		92–93	R375 Cerulean Blue Tungsten
		94–95	R376 Bermuda Blue Tungsten
		96–97	R76 Light Green Blue Tungsten
		98–99	R77 Green Blue Tungsten
		100–101	E378 Alice Blue Tungsten
		102–103	R80 Primary Blue Tungsten
		104–105	R381 Baldassari Blue Tungsten
		106–107	R83 Medium Blue Tungsten
		108–109	R85 Deep Blue Tungsten
		110–111	R86 Pea Green Tungsten
		112–113	R87 Pale Yellow Green Tungsten
		114–115	R88 :ight Green Tungsten
		116–117	R89 Moss Green Tungsten
		118–119	R90 Dark Yellow Green Tungsten
		120–121	R91 Primary Green Tungsten
		122–123	R92 Turquoise Tungsten
		124–125	R93 Blue Green Tungsten
		126–127	R95 Medium Blue Green Tungsten

128–129	R99 Chocolate Tungsten

CH	Function	DMX	Description
7	Colors 3 (continued)	130–131	E213 White Flame Green Tungsten
		132–133	E730 Liberty Green Tungsten
		134–255	Category 4 - Rosco Tungsten

Mode RGBW Mode - 8 Bit

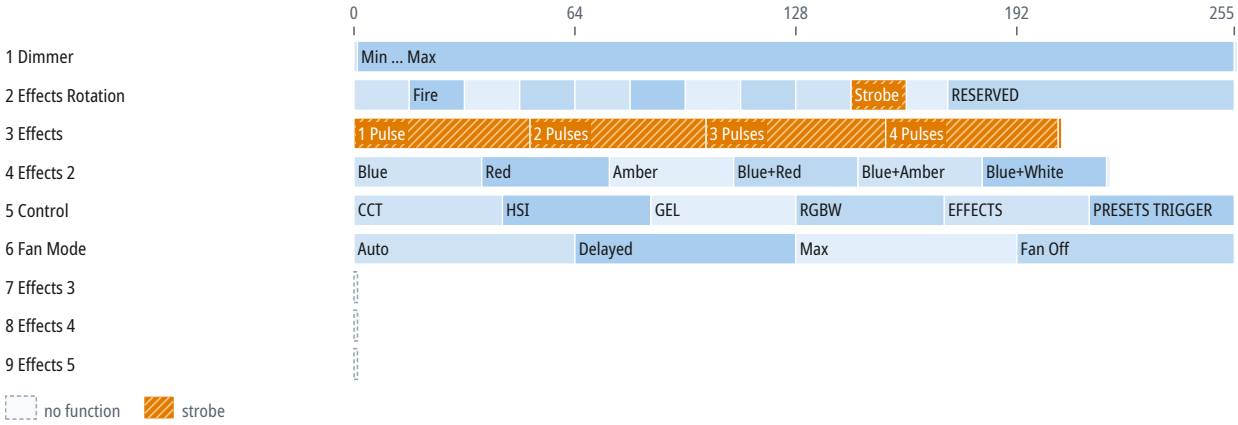
Channel functions at a glance



CH	Function	DMX	Description
1	Dimmer		Same as CH 1 in the mode “CCT 8-Bit” (p. 40)
2	Color Temperature		Same as CH 2 in the mode “CCT 8-Bit” (p. 41)
3	White	0	Min
		1–254	Min ... Max
		255	Max
4	Red	0	Min
		1–254	Min ... Max
		255	Max
5	Control		Same as CH 5 in the mode “CCT 8-Bit” (p. 42)
6	Fan Mode		Same as CH 6 in the mode “CCT 8-Bit” (p. 42)
7	Green	0	Min
		1–254	Min ... Max
		255	Max
8	Blue	0	Min
		1–254	Min ... Max
		255	Max

Mode Effects Mode - 8 Bit

Channel functions at a glance



CH	Function	DMX	Description
1	Dimmer		Same as CH 1 in the mode “CCT 8-Bit” (p. 40)
2	Effects Rotation	0–15	Emergency
		16–31	Fire
		32–47	Fireworks
		48–63	HUE Burst
		64–79	Lite-ning
		80–95	Paparazzi
		96–111	Party Lites
		112–127	Pulsing
		128–143	Squares
		144–159	Strobe
		160–171	TV/Monitor
		172–255	RESERVED
3	Effects		When CH 2 is 0–15:
		0–50	1 Pulse
		51–101	2 Pulses
		102–153	3 Pulses
		154–203	4 Pulses
		204–255	5 Pulses
			When CH 2 is 16–31:
		0	0 Degree
		1–254	0 Degree ... 359 Degree
		255	359 Degree
			When CH 2 is 32–47:
		0	Sparse
		1–254	Sparse ... Frequent
		255	Frequent
			When CH 2 is 48–63:

CH	Function	DMX	Description
3	Effects (continued)	0	0 Degree
		1–254	0 Degree ... 359 Degree
		255	359 Degree
			When CH 2 is 64–79:
		0	Slowest
		1–254	Slowest ... Fastest
		255	Fastest
			When CH 2 is 80–95:
		0	Sparse
		1–254	Sparse ... Frequent
		255	Frequent
			When CH 2 is 96–111:
		0	Slowest
		1–254	Slowest ... Fastest
		255	Fastest
			When CH 2 is 112–127:
		0	0 Degree
		1–254	0 Degree ... 359 Degree
		255	359 Degree
			When CH 2 is 128–143:
		0	0 Degree
		1–254	0 Degree ... 359 Degree
		255	359 Degree
			When CH 2 is 144–159:
		0	0 Degree
		1–254	0 Degree ... 359 Degree
		255	359 Degree
			When CH 2 is 160–171:
		0	Slowest
		1–254	Slowest ... Fastest
		255	Fastest
4	Effects 2		When CH 2 is 0–15:
		0–36	Blue
		37–73	Red
		74–109	Amber
		110–145	Blue+Red
		146–181	Blue+Amber
		182–217	Blue+White
		218–255	Blue+Red+White
			When CH 2 is 16–31:
		0	No SAT
		1–254	No SAT ... Full SAT

CH	Function	DMX	Description
4	Effects 2 (continued)	255	Full SAT
			When CH 2 is 32–47:
		0–50	RWB
		51–101	RGB
		102–153	6 CLR
		154–203	12 CLR
		204–255	Random
			When CH 2 is 48–63:
		0	No SAT
		1–254	No SAT ... Full SAT
		255	Full SAT
			When CH 2 is 64–79:
		0	2700K
		1–254	2700K ... 6000K
		255	6000K
			When CH 2 is 80–96:
		0	2700K
		1–254	2700K ... 6000K
		255	6000K
			When CH 2 is 96–111:
		0–85	Pulsing
		86–170	Chase
		171–255	Blend
			When CH 2 is 112–127:
		0	No SAT
		1–254	No SAT ... Full SAT
		255	Full SAT
			When CH 2 is 128–143:
		0	No SAT
		1–254	No SAT ... Full Sat
		255	Full Sat
			When CH 2 is 144–159:
		0	No SAT
		1–254	No SAT ... FUll SAT
		255	FUll SAT
			When CH 2 is 160–171:
		0	Least Motion
		1–254	Least Motion ... Most Motion
		255	Most Motion
5	Control		Same as CH 5 in the mode “CCT 8-Bit” (p. 42)
6	Fan Mode		Same as CH 6 in the mode “CCT 8-Bit” (p. 42)
CH	**Function**	**DMX**	**Description**

7	Effects 3		When CH 2 is 0–15:
		0–255	NO FUNCTION
			When CH 2 is 16–31:
		0	Slow
		1–254	Slow ... Fast
		255	Fast
			When CH 2 is 32–47:
		0–85	Short
		86–170	Med
		171–255	Long
			When CH 2 is 48–63:
		0	40mSec
		1–254	40mSec ... 400mSec
		255	400mSec
			When CH 2 is 64–79:
		0–255	NO FUNCTION
			When CH 2 is 80–96:
		0–63	50mSec
		64–127	100mSec
		128–191	150mSec
		192–255	Bulb
			When CH 2 is 96–111:
		0–50	Red-White-Blue
		51–101	Red-Green-Blue
		102–153	6 Color
		154–203	12 Color
		204–255	Random
			When CH 2 is 112–127:
		0	Fastest Ramp U/D
		1–254	Fastest Ramp U/D ... Slowest Ramp U/D
		255	Slowest Ramp U/D
			When CH 2 is 128–143:
		0	Fastest Ramp U/D
		1–254	Fastest Ramp U/D ... Slowest Ramp U/D
		255	Slowest Ramp U/D
			When CH 2 is 144–159:
		0	30 RPM
		1–254	30 RPM ... 1000 RPM
		255	1000 RPM
			When CH 2 is 160–171:
		0–85	Small
		86–170	Medium

CH	Function	DMX	Description

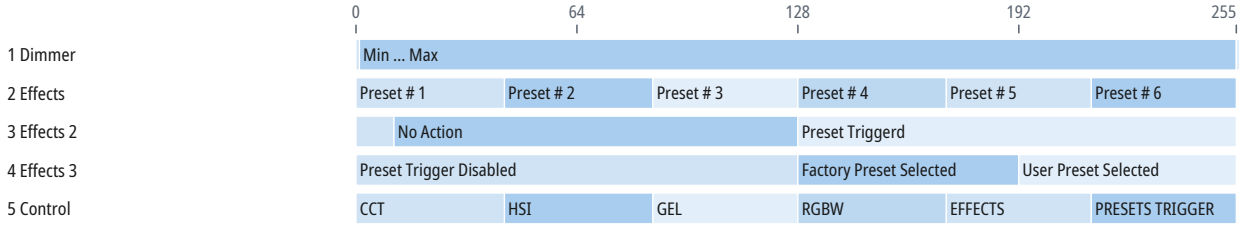
7	Effects 3 (continued)	171–255	Large
8	Effects 4		When CH 2 is 0–15:
		0–255	NO FUNCTION
			When CH 2 is 16–31:
		0	Shallow
		1–254	Shallow ... Deep
		255	Deep
			When CH 2 is 32–47:
		0–255	No Function
			When CH 2 is 48–63:
		0	50mSec
		1–254	50mSec ... 5000mSec
		255	5000mSec
			When CH 2 is 64–79:
		0–255	No Function
			When CH 2 is 80–96:
		0–255	NO FUNCTION
			When CH 2 is 96–111:
		0–255	No Function
			When CH 2 is 112–127:
		0	25mSec
		1–254	25mSec ... 1000mSec
		255	1000mSec
			When CH 2 is 128–143:
		0	25mSec
		1–254	25mSec ... 5000mSec
		255	5000mSec
			When CH 2 is 144–159:
		0	0% Duty
		1–254	0% Duty ... 100% Duty
		255	100% Duty
			When CH 2 is 160–171:
		0–85	Warm
		86–170	Neutral
		171–255	Cool
9	Effects 5		When CH 2 is 0–15:
		0–255	No Function
			When CH 2 is 16–31:
		0–63	1 Color
		64–127	Narrow
		128–191	Medium
		192–255	Wide

CH	Function	DMX	Description

9	Effects 5 (continued)		When CH 2 is 32–47:
		0–255	No Function
			When CH 2 is 48–63:
		0	1
		1–254	1 ... 16
		255	16
			When CH 2 is 64–79:
		0–255	No Function
			When CH 2 is 80–95:
		0–255	No Function
			When CH 2 is 96–111:
		0	No Function
		1–255	Party Lights RESERVED
			When CH 2 is 112–127:
		0	25mSec
		1–254	25mSec ... 1000mSec
		255	1000mSec
			When CH 2 is 128–143:
		0	0% Bias
		1–254	0% Bias ... 100% Bias
		255	100% Bias
			When CH 2 is 144–159:
		0	0% Bias
		1–254	0% Bias ... 100% Bias
		255	100% Bias
			When CH 2 is 160–171:
		0–255	No Function

Mode Presets Trigger Mode - 8 Bit

Channel functions at a glance

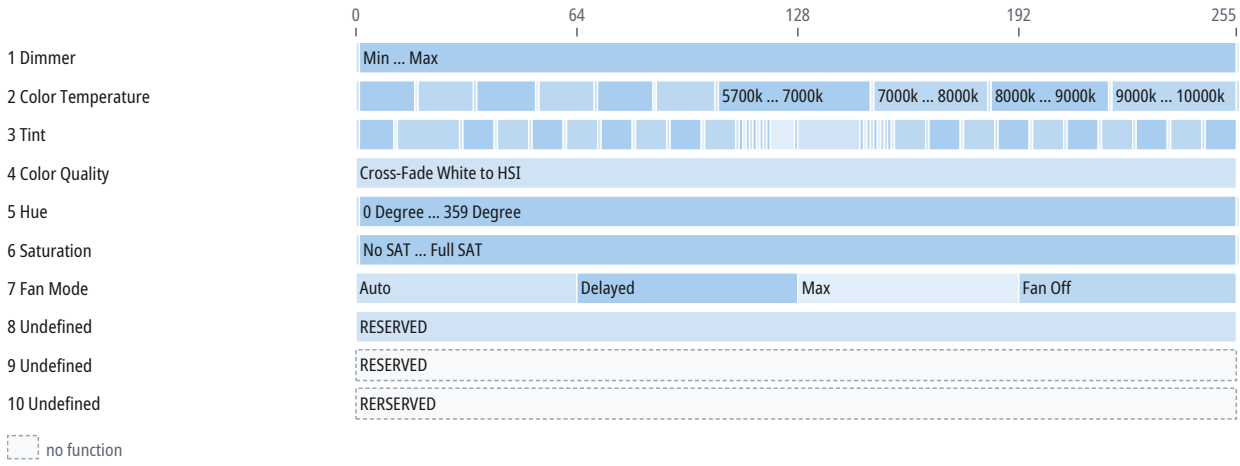


CH	Function	DMX	Description
1	Dimmer		Same as CH 1 in the mode “CCT 8-Bit” (p. 40)
2	Effects		Preset Select
		0–42	Preset # 1
		43–85	Preset # 2
CH	**Function**	**DMX**	**Description**

2	Effects (continued)	86–127	Preset # 3
		128–170	Preset # 4
		171–212	Preset # 5
		213–255	Preset # 6
3	Effects 2		Preset Triggers
		0–10	Preset Trigger Armed
		11–127	No Action
		128–255	Preset Triggerd
4	Effects 3		Factory/User Type Select
		0–127	Preset Trigger Disabled
		128–191	Factory Preset Selected
		192–255	User Preset Selected
5	Control		Same as CH 5 in the mode “CCT 8-Bit” (p. 42)

Mode CCT/HSI Mode Fixed - 8 Bit

Channel functions at a glance

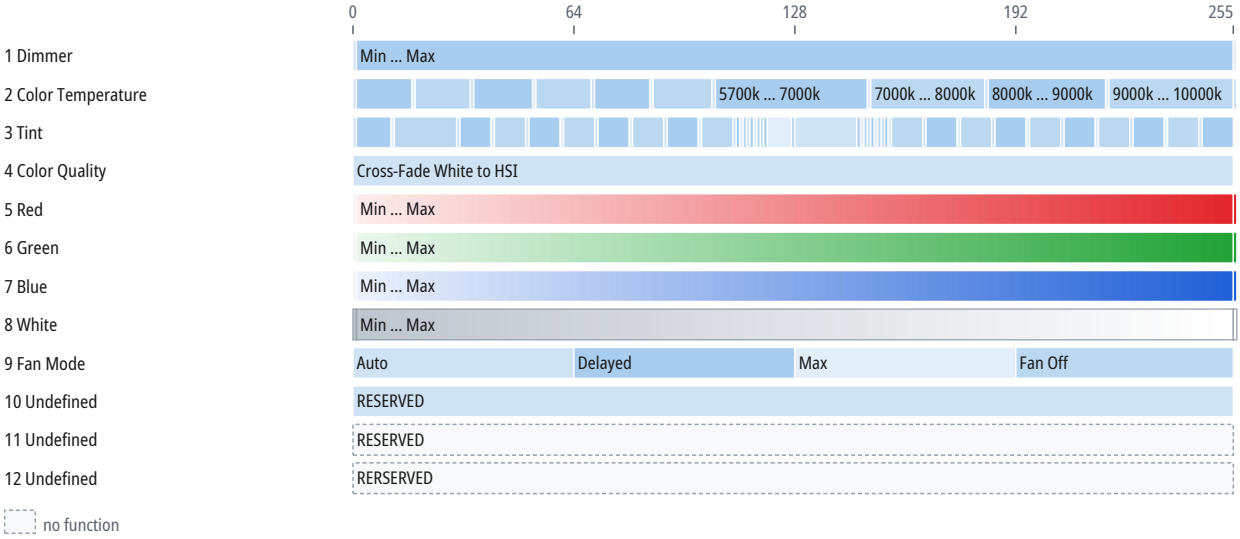


CH	Function	DMX	Description
1	Dimmer		Same as CH 1 in the mode “CCT 8-Bit” (p. 40)
2	Color Temperature		Same as CH 2 in the mode “CCT 8-Bit” (p. 41)
3	Tint		Same as CH 3 in the mode “CCT 8-Bit” (p. 41)
4	Color Quality		Cross-Fade White to HSI
		0–255	Cross-Fade White to HSI
5	Hue	0	0 Degree
		1–254	0 Degree ... 359 Degree
		255	359 Degree
6	Saturation	0	No SAT
		1–254	No SAT ... Full SAT
		255	Full SAT
7	Fan Mode		Same as CH 6 in the mode “CCT 8-Bit” (p. 42)

CH	Function	DMX	Description
8	Undefined	0–255	RESERVED
9	Undefined	0–255	RESERVED
CH	**Function**	**DMX**	**Description**
10	Undefined	0–255	RERSERVED

Mode CCT/RGBW Mode Fixed - 8 Bit

Channel functions at a glance

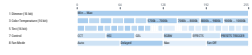


CH	Function	DMX	Description
1	Dimmer		Same as CH 1 in the mode “CCT 8-Bit” (p. 40)
2	Color Temperature		Same as CH 2 in the mode “CCT 8-Bit” (p. 41)
3	Tint		Same as CH 3 in the mode “CCT 8-Bit” (p. 41)
4	Color Quality		Same as CH 4 in the mode “CCT/HSI Mode Fixed - 8 Bit” (p. 57)
5	Red		Same as CH 4 in the mode “RGBW Mode - 8 Bit” (p. 50)
6	Green		Same as CH 7 in the mode “RGBW Mode - 8 Bit” (p. 50)
7	Blue		Same as CH 8 in the mode “RGBW Mode - 8 Bit” (p. 50)
CH	**Function**	**DMX**	**Description**
8	White		Same as CH 3 in the mode “RGBW Mode - 8 Bit” (p. 50)
9	Fan Mode		Same as CH 6 in the mode “CCT 8-Bit” (p. 42)
10	Undefined	0–255	RESERVED
11	Undefined	0–255	RESERVED
12	Undefined	0–255	RERSERVED

Mode CCT 16-Bit

16-bit parameters use two channels, coarse and fine: value = 256 × coarse value + fine value.

Channel functions at a glance



CH	Function	DMX	Description
1	Dimmer	0–255	Min … Max
		255	Max
2	Dimmer Fine	0–255	Fine adjustment of CH 1
3	Color Temperature	0–17	2700k … 3200k
		17–34	3200k … 3700k
		34–52	3700k … 4200k
		52–69	4200k … 4700k
		69–86	4700k … 5200k
		86–104	5200k … 5700k
		104–149	5700k … 7000k
		149–183	7000k … 8000k
		183–218	8000k … 9000k
		218–255	9000k … 10000k
		255	10000k
4	Color Temperature Fine	0–255	Fine adjustment of CH 3
5	Tint	0	Green Offset None: No Green Offset
		0–11	Green Offset None
		11–30	-100 Green … -90 Green
		30–40	-90 Green … -80 Green
		40–50	-80 Green … -70 Green
		50–60	-70 Green … -60 Green
		60–70	-60 Green … -50 Green
		70–80	-50 Green … -40 Green
		80–90	-40 Green … -30 Green
		90–100	-30 Green … -20 Green

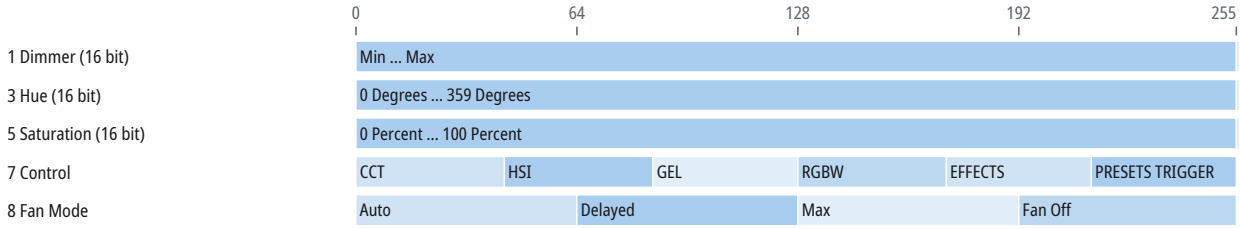
CH	Function	DMX	Description
5	Tint (continued)	100–110	-20 Green … -10 Green
		110–111	-10 Green … -9 Green
		111–112	-9 Green … -8 Green
		112–113	-8 Green … -7 Green
		113–114	-7 Green … -6 Green
		114–115	-6 Green … -5 Green
		115–116	-5 Green … -4 Green
		116–117	-4 Green … -3 Green
		117–118	-3 Green … -2 Green
		118–119	-2 Green … -1 Green
		119	-1 Green
		119–120	Minus Green Offset
		120–146	No Green Offset
		146–147	+1 Green … +2 Green
		147–148	+2 Green … +3 Green
		148–149	+3 Green … +4 Green

		149–150	+4 Green ... +5 Green
		150–151	+5 Green ... +6 Green
		151–152	+6 Green ... +7 Green
		152–153	+7 Green ... +8 Green
		153–154	+8 Green ... +9 Green
		154–155	+9 Green ... +10 Green
		155–165	+10 Green ... +20 Green
		165–175	+20 Green ... +30 Green
		175–185	+30 Green ... +40 Green
		185–195	+40 Green ... +50 Green
		195–205	+50 Green ... +60 Green
		205–215	+60 Green ... +70 Green
		215–225	+70 Green ... +80 Green
		225–235	+80 Green ... +90 Green
		235–245	+90 Green ... +100 Green
		245	+100 Green
		245–255	Plus Green Offset
6	Tint Fine	0–255	Fine adjustment of CH 5
7	Control		Same as CH 5 in the mode “CCT 8-Bit” (p. 42)
8	Fan Mode		Same as CH 6 in the mode “CCT 8-Bit” (p. 42)

Mode HSI - 16 Bit

16-bit parameters use two channels, coarse and fine: value = 256 × coarse value + fine value.

Channel functions at a glance

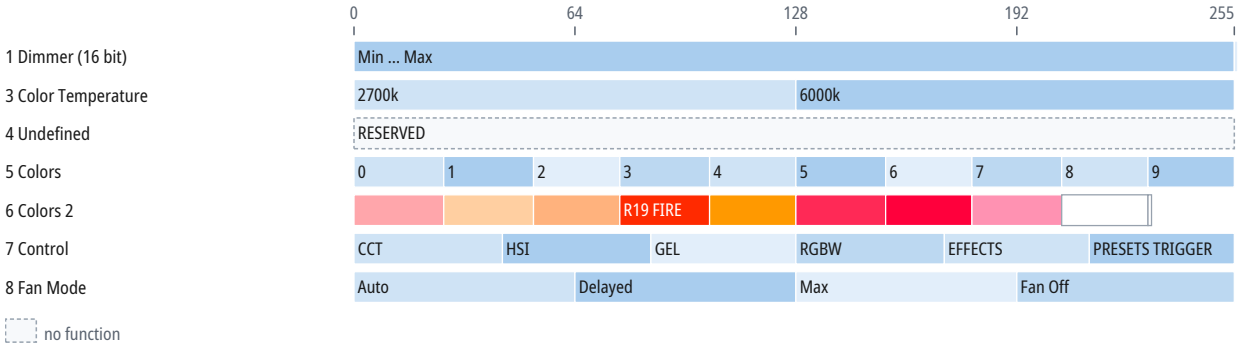


CH	Function	DMX	Description
1	Dimmer		Same as CH 1 in the mode “CCT 16-Bit” (p. 59)
2	Dimmer Fine	0–255	Fine adjustment of CH 1
3	Hue	0–255	0 Degrees ... 359 Degrees
		255	359 Degrees
4	Hue Fine	0–255	Fine adjustment of CH 3
5	Saturation	0–255	0 Percent ... 100 Percent
		255	100 Percent
6	Saturation Fine	0–255	Fine adjustment of CH 5
7	Control		Same as CH 5 in the mode “CCT 8-Bit” (p. 42)
8	Fan Mode		Same as CH 6 in the mode “CCT 8-Bit” (p. 42)

Mode Gel Mode Mode 1 - 16 Bit

16-bit parameters use two channels, coarse and fine: value = 256 × coarse value + fine value.

Channel functions at a glance



CH	Function	DMX	Description
1	Dimmer		Same as CH 1 in the mode “CCT 16-Bit” (p. 59)
2	Dimmer Fine	0–255	Fine adjustment of CH 1
3	Color Temperature		Same as CH 2 in the mode “Gel Mode Mode 1 - 8 Bit” (p. 43)
4	Undefined	0–255	RESERVED
5	Colors		Same as CH 3 in the mode “Gel Mode Mode 1 - 8 Bit” (p. 43)
6	Colors 2		When CH 5 is 0–25:
		0–25	R01 LIGHT BASTARD AMBER
		26–51	R09 PALE AMBER GOLD
		52–76	R16 LIGHT AMBER
		77–102	R19 FIRE
		103–127	R20 MEDIUM AMBER
		128–153	R24 SCARLET
		154–178	R26 LIGHT RED
		179–204	R31 SALMON PINK
		205–229	R33 NO COLOR PINK
		230–255	R36 MEDIUM PINK
			When CH 5 is 26–51:
		0–25	R40 Light Salmon

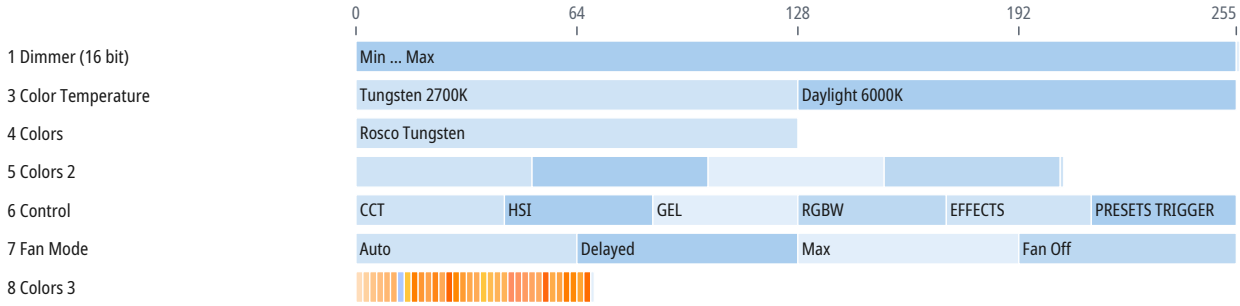
CH	Function	DMX	Description
6	Colors 2 (continued)	26–51	R42 DEEP SALMON
		52–76	R45 ROSE
		77–102	R54 SPECIAL LAVENDER
		103–127	R57 LAVENDER
		128–153	R60 NO COLOR BLUE
		154–178	R63 PALE BLUE
		179–204	R65 DAYLIGHT BLUE
		205–229	R67 LIGHT SKY BLUE
		230–255	R68 PARRY SKY BLUE
			When CH 5 is 52–76:
		0–25	R70 NILE BLUE

		26–51	R76 LIGHT GREEN BLUE
		52–76	R77 GREEN BLUE
		77–102	R80 PRIMARY BLUE
		103–127	R85 DEEP BLUE
		128–153	R86 PEA GREEN
		154–178	R89 MOSS GREEN
		179–204	R90 DARK YELLOW GREEN
		205–229	R95 MEDIUM BLUE GREEN
		230–255	R99 CHOCOLATE
			When CH 5 is 77–102:
		0–25	R355 PALE VIOLET
		26–51	R3202 FULL CTB
		52–76	R3204 HALF CTB
		77–102	R3208 QUARTER CTB
		103–127	R3304 TOUGH PLUSGREEN
		128–153	R3407 ROSCOSUN CTO
		154–178	R3408 ROSCOSUN HALF CTO
		179–204	R3409 ROSCOSUN QUARTER CTO
		205–229	R4330 CALCCOLOR 30 CYAN
		230–255	R4360 CALCCOLOR 60 CYAN
			When CH 5 is 103–127:
		0–25	R4390 CALCCOLOR 90 CYAN
		26–51	L71 TOKYO BLUE
		52–76	L103 STRAW
		77–102	L116 MEDIUM BLUE-GREEN
		103–127	L147 APRICOT
		128–153	L713 J WINTER BLUE
		154–178	RE213 WHITE FLAME GREEN
		179–204	RE730 LIBERTY GREEN
		205–229	R3150 INDUSTRIAL VAPOR
		230–255	R3152 URBAN VAPOR
CH	**Function**	**DMX**	**Description**
6	Colors 2 (continued)		When CH 5 is 128–153:
		0–25	L650 INDUSTRY SODIUM
		26–51	L651 HI SODIUM
		52–76	L652 URBAN SODIUM
		77–102	L653 LO SODIUM
		103–127	L713 AURORA BOREALIS GREEN
		128–255	1's Digit 5
7	Control		Same as CH 5 in the mode “CCT 8-Bit” (p. 42)
8	Fan Mode		Same as CH 6 in the mode “CCT 8-Bit” (p. 42)

Mode Gel Mode 2 - 16 Bit

16-bit parameters use two channels, coarse and fine: value = 256 × coarse value + fine value.

Channel functions at a glance



CH	Function	DMX	Description
1	Dimmer		Same as CH 1 in the mode “CCT 16-Bit” (p. 59)
2	Dimmer Fine	0–255	Fine adjustment of CH 1
3	Color Temperature		Same as CH 2 in the mode “Gel Mode 2 - 8 Bit” (p. 46)
4	Colors		When CH 3 is 0–127:
		0–127	Rosco Tungsten
		128–255	Lee Tungsten
			When CH 3 is 128–255:
		0–127	Rosco Daylight
		128–255	Lee Daylight
5	Colors 2		When CH 4 is 0–127:
		0–50	Category 1 Rosco Tungsten
		51–101	Category 2 Rosco Tungsten
		102–152	Category 3 Rosco Tungsten
		153–203	Category 4 Rosco Tungsten
		204–255	Category 5 Rosco Tungsten
6	Control		Same as CH 5 in the mode “CCT 8-Bit” (p. 42)
7	Fan Mode		Same as CH 6 in the mode “CCT 8-Bit” (p. 42)
8	Colors 3		When CH 5 is 0–50:
		0–1	R3202 FULL CTB TUNGSTEN
		2–3	R3203 3/4 CTB TUNGSTEN

CH	Function	DMX	Description
8	Colors 3 (continued)	4–5	R3204 1/2 CTB TUNGSTEN
		6–7	R3206 1/3 CTB TUNGSTEN
		8–9	R3208 1/4 CTB TUNGSTEN
		10–11	R3216 1/8 CTB TUNGSTEN
		12–13	R3220 DOUBLE BLUE CTB TUNGSTEN
		14–15	R3304 TOUGH + GREEN TUNGSTEN
		16–17	R3407 RS CTO TUNGSTEN
		18–19	R3408 RS 1/2 CTO TUNGSTEN
		20–21	RS3409 RS 1/4 CTO TUNGSTEN
		22–23	RS3411 RS 3/4 CTO TUNGSTEN

		24–25	RS3410 RS 1/8 CTO TUNGSTEN
		26–27	RS3420 RS DOUBLE CTO TUNGSTEN
		28–29	R3441 FULL STRAW CTS TUNGSTEN
		30–31	R3442 HALF STRAW TUNGSTEN
		32–33	R3443 QUARTER STRAW TUNGSTEN
		34–35	RS3444 EIGHTH STRAW TUNGSTEN
		36–37	R3304 FULL PLUS GREEN TUNGSTEN
		38–39	R3315 1/2 PLUS GREEN TUNGSTEN
		40–41	R3316 1/4 PLUS GREEN TUNGSTEN
		42–43	R3317 1/8 PLUS GREEN TUNGSTEN
		44–45	R3308 FULL MINUS GREEN TUNGSTEN
		46–47	R3309 3/4 MINUS GREEN TUNGSTEN
		48–49	R3313 1/2 MINUS GREEN TUNGSTEN
		50–51	R3314 1/4 MINUS GREEN TUNGSTEN
		52–53	R3318 1/8 MINUS GREEN TUNGSTEN
		54–55	R3310 FLUOROFILTER TUNGSTEN
		56–57	R3107 Y1 TUNGSTEN
		58–59	R3134 MT54 TUNGSTEN
		60–61	R3106 MTY TUNGSTEN
		62–63	R3102 MT2 TUNGSTEN
		64–65	R3150 INDUSTRIAL VAPOR TUNGSTEN
		66–67	R3152 URBAN VAPOR TUNGSTEN
		68–255	Category 1 - Rosco Tungsten
			When CH 5 is 51–101:
		0–1	R4215 15 BLUE TUNGSTEN
		2–3	R4230 30 BLUE TUNGSTEN
		4–5	R4260 60 BLUE TUNGSTEN
		6–7	R4290 90 BLUE TUNGSTEN
		8–9	R4307 7_5 CYAN TUNGSTEN
		10–11	R315 15 CYAN TUNGSTEN
		12–13	R330 30 CYAN TUNGSTEN
		14–15	R4360 60 CYAN TUNGSTEN
CH	**Function**	**DMX**	**Description**
8	Colors 3 (continued)	16–17	R4390 90 CYAN TUNGSTEN
		18–19	R4415 15 GREEN TUNGSTEN
		20–21	R4430 30 GREEN TUNGSTEN
		22–23	R4460 60 GREEN TUNGSTEN
		24–25	R4490 90 GREEN TUNGSTEN
		26–27	R4515 15 YELLOW TUNGSTEN
		28–29	R4530 30 YELLOW TUNGSTEN
		30–31	R4560 60 YELLOW TUNGSTEN
		32–33	R4590 90 YELLOW TUNGSTEN
		34–35	R4615 15 RED TUNGSTEN

		36–37	R4630 30 RED TUNGSTEN
		38–39	R4660 60 RED TUNGSTEN
		40–41	R4690 90 RED TUNGSTEN
		42–43	R4715 15 MAGENTA TUNGSTEN
		44–45	R4730 30 MAGENTA TUNGSTEN
		46–47	R4760 60 MAGENTA TUNGSTEN
		48–49	R4790 90 MAGENTA TUNGSTEN
		50–51	R4815 15 PINK TUNGSTEN
		52–53	R4830 30 PINK TUNGSTEN
		54–55	R4860 60 PINK TUNGSTEN
		56–57	R4890 90 PINK TUNGSTEN
		58–59	R4915 15 LAVENDER TUNGSTEN
		60–61	R4930 30 LAVENDER TUNGSTEN
		62–63	R4960 60 LAVENDER TUNGSTEN
		64–65	R4990 90 LAVENDER TUNGSTEN
		66–255	Category 2 - Rosco Tungsten
			When CH 5 is 102–152:
		0–1	R2001 RED TUNGSTEN
		2–3	R2002 ORANGE TUNGSTEN
		4–5	R2003 YELLOW TUNGSTEN
		6–7	R2004 GREEN TUNGSTEN
		8–9	R2005 CYAN TUNGSTEN
		10–11	R2006 AZURE TUNGSTEN
		12–13	R2007 BLUE TUNGSTEN
		14–15	R2008 INDIGO TUNGSTEN
		16–17	R2009 VIOLET TUNGSTEN
		18–19	R2010 MAGENTA TUNGSTEN
		20–255	Category 3 - Rosco Tungsten
			When CH 5 is 153–203:
		0–1	R01 LIGHT BASTARD AMBER TUNGSTEN
		2–3	R02 BASTARD AMBER TUNGSTEN
		4–5	R302 PALE BASTARD AMBER TUNGSTEN

CH	Function	DMX	Description
8	Colors 3 (continued)	6–7	R06 NO COLOR STRAW TUNGSTEN
		8–9	R08 PALE GOLD TUNGSTEN
		10–11	R09 PALE AMBER GOLD TUNGSTEN
		12–13	R310 DAFFODIL TUNGSTEN
		14–15	R12 STRAW TUNGSTEN
		16–17	R316 GALLO GOLD TUNGSTEN
		18–19	R16 LIGHT AMBER TUNGSTEN
		20–21	R17 LIGHT FLAME TUNGSTEN
		22–23	R18 FLAME TUNGSTEN
		24–25	R19 FIRE TUNGSTEN

		26–27	R318 MAYAN SUN TUNGSTEN
		28–29	R20 Medium Amber Tungsten
		30–31	R21 Golden Amber Tungsten
		32–33	R23 Orange Tungsten
		34–35	R24 Scarlet Tungsten
		36–37	R26 Light Red Tungsten
		38–39	R325 Hanna Sky Tungsten
		40–41	R333 Blush Pink Tungsten
		42–43	R31 Salmon Pink Tungsten
		44–45	R33 No Color Pink Tungsten
		46–47	R36 Medium Pink Tungsten
		48–49	R37 Pale Rose Pink Tungsten
		50–51	R40 Light Salmon Tungsten
		52–53	R41 Salmon Tungsten
		54–55	R42 Deep Salmon Tungsten
		56–57	R44 Middle Rose Tungsten
		58–59	R45 Rose Tungsten
		60–61	R47 Light Rose Purple Tungsten
		62–63	R51 Surprise Pink Tungsten
		64–65	R54 Special Lavender Tungsten
		66–67	R57 Lavender Tungsten
		68–69	R355 Pale Violet Tungsten
		70–71	R60 No Color Blue Tungsten
		72–73	R360 Clearwater Tungsten
		74–75	R62 Booster Blue Tungsten
		76–77	R63 Pale Blue Tungsten
		78–79	R362 Tipton Blue Tungsten
		80–81	R364 Blue Bell Tungsten
		82–83	R65 Daylight Blue Tungsten
		84–85	R67 Light Sky Blue Tungsten
		86–87	R68 Parry Sky Blue Tungsten
		88–89	R70 Nile Blue Tungsten

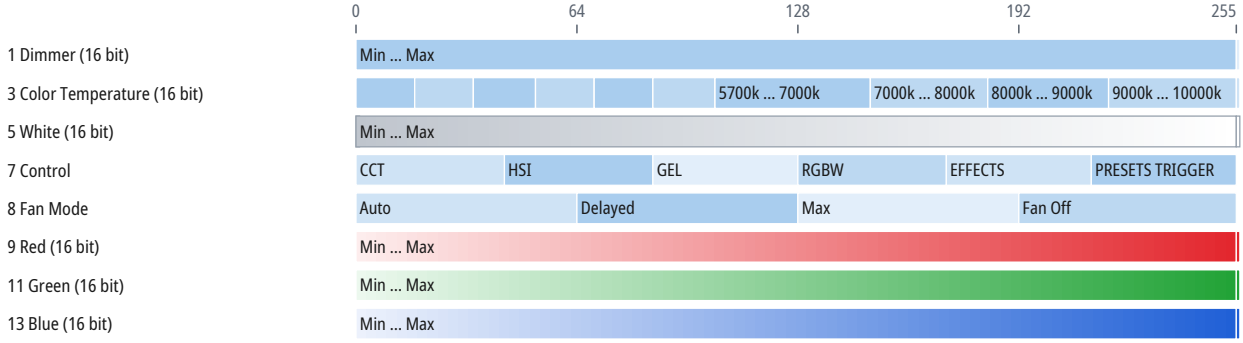
CH	Function	DMX	Description
8	Colors 3 (continued)	90–91	R365 Tharon Delft Blue Tungsten
		92–93	R375 Cerulean Blue Tungsten
		94–95	R376 Bermuda Blue Tungsten
		96–97	R76 Light Green Blue Tungsten
		98–99	R77 Green Blue Tungsten
		100–101	E378 Alice Blue Tungsten
		102–103	R80 Primary Blue Tungsten
		104–105	R381 Baldassari Blue Tungsten
		106–107	R83 Medium Blue Tungsten
		108–109	R85 Deep Blue Tungsten

	110–111	R86 Pea Green Tungsten
	112–113	R87 Pale Yellow Green Tungsten
	114–115	R88 :ight Green Tungsten
	116–117	R89 Moss Green Tungsten
	118–119	R90 Dark Yellow Green Tungsten
	120–121	R91 Primary Green Tungsten
	122–123	R92 Turquoise Tungsten
	124–125	R93 Blue Green Tungsten
	126–127	R95 Medium Blue Green Tungsten
	128–129	R99 Chocolate Tungsten
	130–131	E213 White Flame Green Tungsten
	132–133	E730 Liberty Green Tungsten
	134–255	Category 4 - Rosco Tungsten

Mode RGBW Mode - 16 Bit

16-bit parameters use two channels, coarse and fine: value = 256 × coarse value + fine value.

Channel functions at a glance



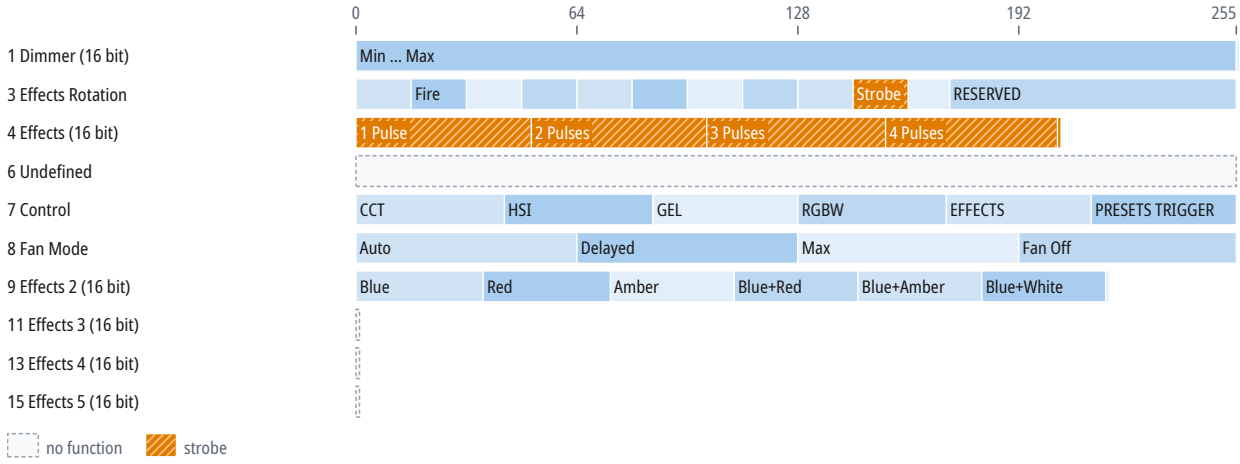
CH	Function	DMX	Description
1	Dimmer		Same as CH 1 in the mode “CCT 16-Bit” (p. 59)
2	Dimmer Fine	0–255	Fine adjustment of CH 1
3	Color Temperature		Same as CH 3 in the mode “CCT 16-Bit” (p. 59)
4	Color Temperature Fine	0–255	Fine adjustment of CH 3
5	White	0–255	Min ... Max
CH	**Function**	**DMX**	**Description**
5	White (continued)	255	Max
6	White Fine	0–255	Fine adjustment of CH 5
7	Control		Same as CH 5 in the mode “CCT 8-Bit” (p. 42)
8	Fan Mode		Same as CH 6 in the mode “CCT 8-Bit” (p. 42)
9	Red	0–255	Min ... Max
		255	Max
10	Red Fine	0–255	Fine adjustment of CH 9
11	Green	0–255	Min ... Max
		255	Max
12	Green Fine	0–255	Fine adjustment of CH 11

13	Blue	0–255	Min ... Max
		255	Max
14	Blue Fine	0–255	Fine adjustment of CH 13

Mode Effects Mode - 16 Bit

16-bit parameters use two channels, coarse and fine: value = 256 × coarse value + fine value.

Channel functions at a glance



CH	Function	DMX	Description
1	Dimmer		Same as CH 1 in the mode “CCT 16-Bit” (p. 59)
2	Dimmer Fine	0–255	Fine adjustment of CH 1
3	Effects Rotation		Same as CH 2 in the mode “Effects Mode - 8 Bit” (p. 51)
4	Effects		When CH 3 is 0–15:
		0–50	1 Pulse
		51–101	2 Pulses
		102–153	3 Pulses
		154–203	4 Pulses
		204–255	5 Pulses
			When CH 3 is 16–31:
		0–255	0 Degree ... 359 Degree
		255	359 Degree

CH	Function	DMX	Description
4	Effects (continued)		When CH 3 is 32–47:
		0–255	Sparse ... Frequent
		255	Frequent
			When CH 3 is 48–63:
		0–255	0 Degree ... 359 Degree
		255	359 Degree
			When CH 3 is 64–79:
		0–255	Slowest ... Fastest
		255	Fastest
			When CH 3 is 80–95:

		0–255	Sparse ... Frequent
		255	Frequent
			When CH 3 is 96–111:
		0–255	Slowest ... Fastest
		255	Fastest
			When CH 3 is 112–127:
		0–255	0 Degree ... 359 Degree
		255	359 Degree
			When CH 3 is 128–143:
		0–255	0 Degree ... 359 Degree
		255	359 Degree
			When CH 3 is 144–159:
		0–255	0 Degree ... 359 Degree
		255	359 Degree
			When CH 3 is 160–171:
		0–255	Slowest ... Fastest
		255	Fastest
5	Effects Fine	0–255	Fine adjustment of CH 4
6	Undefined	0–255	
7	Control		Same as CH 5 in the mode “CCT 8-Bit” (p. 42)
8	Fan Mode		Same as CH 6 in the mode “CCT 8-Bit” (p. 42)
9	Effects 2		When CH 3 is 0–15:
		0–36	Blue
		37–73	Red
		74–109	Amber
		110–145	Blue+Red
		146–181	Blue+Amber
		182–217	Blue+White
		218–255	Blue+Red+White
			When CH 3 is 16–31:
		0–255	No SAT ... Full SAT
		255	Full SAT

CH	Function	DMX	Description
9	Effects 2 (continued)		When CH 3 is 32–47:
		0–50	RWB
		51–101	RGB
		102–153	6 CLR
		154–203	12 CLR
		204–255	Random
			When CH 3 is 48–63:
		0–255	No SAT ... Full SAT
		255	Full SAT
			When CH 3 is 64–79:

		0–255	2700K ... 6000K
		255	6000K
			When CH 3 is 80–96:
		0–255	2700K ... 6000K
		255	6000K
			When CH 3 is 96–111:
		0–85	Pulsing
		86–170	Chase
		171–255	Blend
			When CH 3 is 112–127:
		0–255	No SAT ... Full SAT
		255	Full SAT
			When CH 3 is 128–143:
		0–255	No SAT ... Full Sat
		255	Full Sat
			When CH 3 is 144–159:
		0–255	No SAT ... FUll SAT
		255	FUll SAT
			When CH 3 is 160–171:
		0–255	Least Motion ... Most Motion
		255	Most Motion
10	Effects 2 Fine	0–255	Fine adjustment of CH 9
11	Effects 3		When CH 3 is 0–15:
		0–255	NO FUNCTION
			When CH 3 is 16–31:
		0–255	Slow ... Fast
		255	Fast
			When CH 3 is 32–47:
		0–85	Short
		86–170	Med
		171–255	Long
			When CH 3 is 48–63:

CH	Function	DMX	Description
11	Effects 3 (continued)	0–255	40mSec ... 400mSec
		255	400mSec
			When CH 3 is 64–79:
		0–255	NO FUNCTION
			When CH 3 is 80–96:
		0–63	50mSec
		64–127	100mSec
		128–191	150mSec
		192–255	Bulb
			When CH 3 is 96–111:

		0–50	Red-White-Blue
		51–101	Red-Green-Blue
		102–153	6 Color
		154–203	12 Color
		204–255	Random
			When CH 3 is 112–127:
		0–255	Fastest Ramp U/D ... Slowest Ramp U/D
		255	Slowest Ramp U/D
			When CH 3 is 128–143:
		0–255	Fastest Ramp U/D ... Slowest Ramp U/D
		255	Slowest Ramp U/D
			When CH 3 is 144–159:
		0–255	30 RPM ... 1000 RPM
		255	1000 RPM
			When CH 3 is 160–171:
		0–85	Small
		86–170	Medium
		171–255	Large
12	Effects 3 Fine	0–255	Fine adjustment of CH 11
13	Effects 4		When CH 3 is 0–15:
		0–255	NO FUNCTION
			When CH 3 is 16–31:
		0–255	Shallow ... Deep
		255	Deep
			When CH 3 is 32–47:
		0–255	No Function
			When CH 3 is 48–63:
		0–255	50mSec ... 5000mSec
		255	5000mSec
			When CH 3 is 64–79:
		0–255	No Function
			When CH 3 is 80–96:

CH	Function	DMX	Description
13	Effects 4 (continued)	0–255	NO FUNCTION
			When CH 3 is 96–111:
		0–255	No Function
			When CH 3 is 112–127:
		0–255	25mSec ... 1000mSec
		255	1000mSec
			When CH 3 is 128–143:
		0–255	25mSec ... 5000mSec
		255	5000mSec
			When CH 3 is 144–159:

		0–255	0% Duty ... 100% Duty
		255	100% Duty
			When CH 3 is 160–171:
		0–85	Warm
		86–170	Neutral
		171–255	Cool
14	Effects 4 Fine	0–255	Fine adjustment of CH 13
15	Effects 5		When CH 3 is 0–15:
		0–255	No Function
			When CH 3 is 16–31:
		0–63	1 Color
		64–127	Narrow
		128–191	Medium
		192–255	Wide
			When CH 3 is 32–47:
		0–255	No Function
			When CH 3 is 48–63:
		0–255	1 ... 16
		255	16
			When CH 3 is 64–79:
		0–255	No Function
			When CH 3 is 80–95:
		0–255	No Function
			When CH 3 is 96–111:
		0	No Function
		0–255	Party Lights RESERVED
			When CH 3 is 112–127:
		0–255	25mSec ... 1000mSec
		255	1000mSec
			When CH 3 is 128–143:
		0–255	0% Bias ... 100% Bias
		255	100% Bias

CH	Function	DMX	Description
15	Effects 5 (continued)		When CH 3 is 144–159:
		0–255	0% Bias ... 100% Bias
		255	100% Bias
			When CH 3 is 160–171:
		0–255	No Function
16	Effects 5 Fine	0–255	Fine adjustment of CH 15

Mode Presets Trigger Mode - 16 Bit

Channel functions at a glance

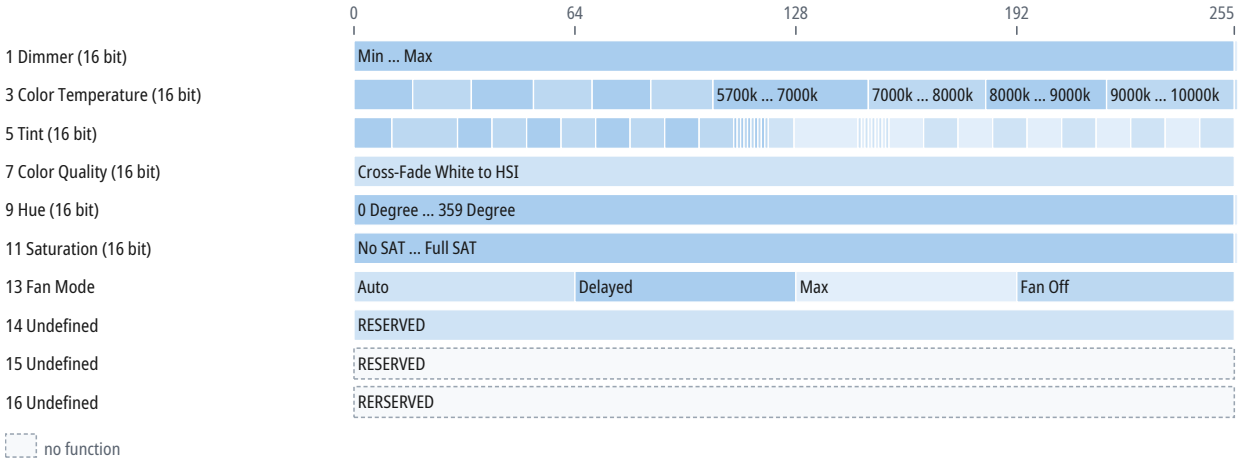


CH	Function	DMX	Description
1	Dimmer		Same as CH 1 in the mode “CCT 8-Bit” (p. 40)
2	Effects		Same as CH 2 in the mode “Presets Trigger Mode - 8 Bit” (p. 56)
3	Effects 2		Same as CH 3 in the mode “Presets Trigger Mode - 8 Bit” (p. 57)
4	Effects 3		Same as CH 4 in the mode “Presets Trigger Mode - 8 Bit” (p. 57)
5	Undefined	0–255	RESERVED
6	Undefined	0–255	RESERVED
7	Control		Same as CH 5 in the mode “CCT 8-Bit” (p. 42)

Mode CCT/HSI Mode Fixed - 16 Bit

16-bit parameters use two channels, coarse and fine: value = 256 × coarse value + fine value.

Channel functions at a glance



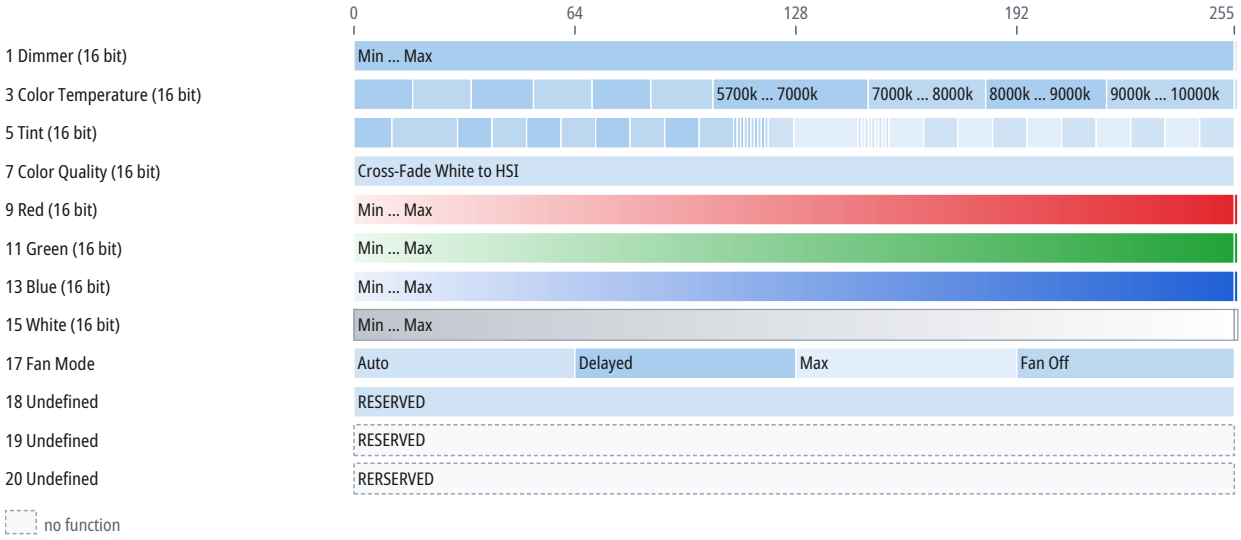
CH	Function	DMX	Description
1	Dimmer		Same as CH 1 in the mode “CCT 16-Bit” (p. 59)
2	Dimmer Fine	0–255	Fine adjustment of CH 1
3	Color Temperature		Same as CH 3 in the mode “CCT 16-Bit” (p. 59)
4	Color Temperature Fine	0–255	Fine adjustment of CH 3
5	Tint		Same as CH 5 in the mode “CCT 16-Bit” (p. 59)
6	Tint Fine	0–255	Fine adjustment of CH 5
7	Color Quality		Same as CH 4 in the mode “CCT/HSI Mode Fixed - 8 Bit” (p. 57)
8	Color Quality Fine	0–255	Fine adjustment of CH 7
9	Hue	0–255	0 Degree ... 359 Degree
		255	359 Degree
10	Hue Fine	0–255	Fine adjustment of CH 9
11	Saturation	0–255	No SAT ... Full SAT
		255	Full SAT
12	Saturation Fine	0–255	Fine adjustment of CH 11
13	Fan Mode		Same as CH 6 in the mode “CCT 8-Bit” (p. 42)

14	Undefined	0–255	RESERVED
15	Undefined	0–255	RESERVED
16	Undefined	0–255	RERSERVED

Mode CCT/RGBW Mode Fixed - 16 Bit

16-bit parameters use two channels, coarse and fine: value = 256 × coarse value + fine value.

Channel functions at a glance



CH	Function	DMX	Description
1	Dimmer		Same as CH 1 in the mode “CCT 16-Bit” (p. 59)
2	Dimmer Fine	0–255	Fine adjustment of CH 1
3	Color Temperature		Same as CH 3 in the mode “CCT 16-Bit” (p. 59)
4	Color Temperature Fine	0–255	Fine adjustment of CH 3

CH	Function	DMX	Description
5	Tint		Same as CH 5 in the mode “CCT 16-Bit” (p. 59)
6	Tint Fine	0–255	Fine adjustment of CH 5
7	Color Quality		Same as CH 4 in the mode “CCT/HSI Mode Fixed - 8 Bit” (p. 57)
8	Color Quality Fine	0–255	Fine adjustment of CH 7
9	Red		Same as CH 9 in the mode “RGBW Mode - 16 Bit” (p. 68)
10	Red Fine	0–255	Fine adjustment of CH 9
11	Green		Same as CH 11 in the mode “RGBW Mode - 16 Bit” (p. 68)
12	Green Fine	0–255	Fine adjustment of CH 11
13	Blue		Same as CH 13 in the mode “RGBW Mode - 16 Bit” (p. 68)
14	Blue Fine	0–255	Fine adjustment of CH 13
15	White		Same as CH 5 in the mode “RGBW Mode - 16 Bit” (p. 67)
16	White Fine	0–255	Fine adjustment of CH 15
17	Fan Mode		Same as CH 6 in the mode “CCT 8-Bit” (p. 42)
18	Undefined	0–255	RESERVED
19	Undefined	0–255	RESERVED
20	Undefined	0–255	RERSERVED

10 Technical specifications

Parameter	Value
Light	
Light source	LED
LED power	325 W
Luminous flux	1,079 lm
Color temperature	2,700 K
Color rendering index (CRI)	99
Control	
DMX connection	5-pin XLR IN/OUT
RJ45 connectors	RJ45
RDM	yes (manufacturer ID 0x01AA, device model ID 0x0102)
Electrical	
Power connectors	IEC 60320-C13/14
Dimensions and construction	
Weight	6 kg
Operating environment	
Operating temperature	-20 to 45 °C

Speeds and ranges

Parameter	Value
Color temperature range	2700–10000 K
Strobe flash duration	0.1–1 s
LED frequency	0.5–10 Hz

11 Maintenance and cleaning

- Before cleaning and maintenance, switch the device off, disconnect it from the power supply and let it cool down.
- Clean the housing with a soft, dry or slightly damp cloth. Do not use solvents, abrasive cleaners or pressure washers, and make sure no liquid gets into the device.
- Clean optical parts (lenses, front glass), if the device has any, with a soft lint-free cloth and a cleaner intended for optics or glass.
- Regularly inspect the housing, cables, connectors and fixings. Have damaged parts replaced by a service center.
- How often to clean depends on the environment; dust, smoke and fog make the device dirty much faster.

12 Troubleshooting

Problem	Remedy
The device does not switch on	Check the supply voltage, the cables and the fuse, if the device has one.

Problem	Remedy
The device does not respond to DMX	Check the start address, the selected DMX mode and whether it matches the profile in the controller, the cable connection to DMX IN, and the controller output (universe).
The device behaves erratically or flickers	Check the terminator at the end of the line, the condition and wiring of the cables (shield on pin 1 only), the number of devices on the line (32 at most), and that the line is not split without a splitter.
Only some devices on the line respond	Check the cable and connectors between the last working and the first non-working device, and make sure all devices on the line are switched on.
Devices respond to the wrong channels or affect each other	Check that the addresses do not overlap and that the DMX mode on the devices matches the patch in the controller.
The device or the connected load does not light up although it receives DMX	Check the values of the dimmer, shutter and strobe channels against the DMX channel table.

13 Disposal

The crossed-out wheeled bin symbol on the product, in the manual or on the packaging means that the product must not be disposed of with unsorted household waste at the end of its life.

Take the end-of-life equipment to a collection point, for example a municipal collection site or a retailer. Proper disposal enables materials to be recycled and helps prevent possible negative effects on the environment and human health.

Follow the regulations applicable in your country; in the Czech Republic, take-back is governed by Act No. 542/2020 Coll., on End-of-Life Products.

Recycle the packaging materials according to their type.