Luminaire Specification

LH35FD

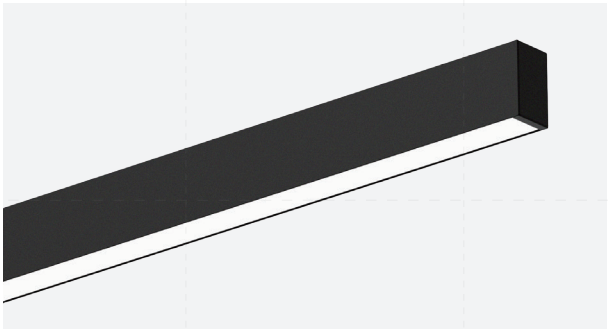
— LINE ECO series

E-mail:colors@colorsled.com

Version：V1.0

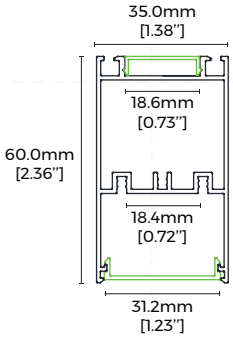
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◎ Basic Parameters

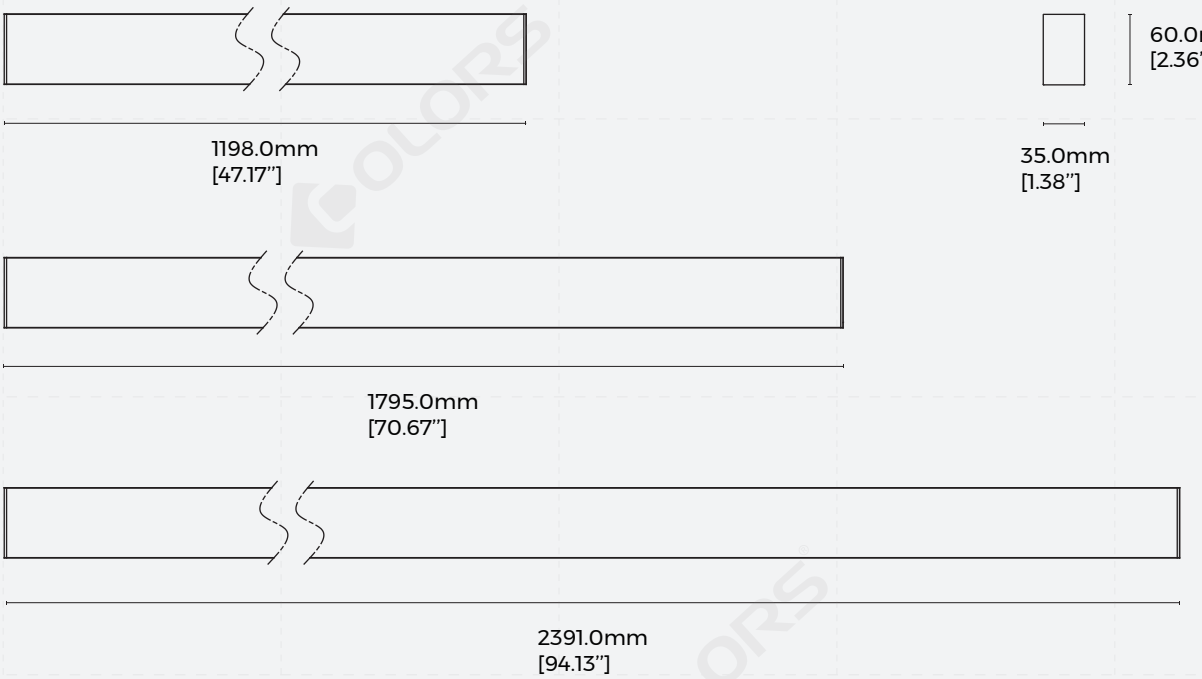


· Material:	AL6063-T5, spraying surface
· Coating:	Black, White
· Length:	1200, 1800, 2400mm optional
· Lighting direction:	Upward & Downward
· Installaton:	Pendant
· IP grade:	IP20
· Application:	Indoor

· Efficiency:	110(Normal), 120(High efficiency-3CCT Dial switch) LM/W
	130(High efficiency), 100(Normal-3CCT Dial switch) LM/W
· SDCM:	<3 Step (ANSI)
· CRI:	80, 90
· CCT:	2700, 3000, 4000, 6500, 3000-4200-6200K optional
· Dimming:	Non, 1-10V, DALI2 optional
· Warranty:	5 years



◎ Product mechanical data



Note:Luminaires length shown above indicates the length of profile + thickness of 2 end caps, where each end cap is 2.0mm[0.08"] thick, 2 end caps is 4mm[0.16"] thick in total.

◎ Luminaire Parameters

Version	Model	Length	Input Voltage (V)	Max. Current (A)	Type Power (W)	Max. Power (W)	Beam Angle (°)	CRI	CCT	Lumen (LM)
Normal	LH35FD	1200mm [3.94ft]	200-240 VAC	0.20 [0.05A/ft]	45.0 [11.42W/ft]	49.5 [12.60W/ft]	100°	>80	2700K	4585 [1165LM/ft]
									3000K	4695 [1190LM/ft]
									4000K	4950 [1255LM/ft]
									6500K	4950 [1255LM/ft]
Normal	LH35FD	1200mm [3.94ft]	200-240 VAC	0.20 [0.05A/ft]	45.0 [11.42W/ft]	49.5 [12.60W/ft]	100°	>90	2700K	3860 [980LM/ft]
									3000K	3930 [1000LM/ft]
									4000K	4220 [1070LM/ft]
									6500K	4220 [1070LM/ft]
Normal	LH35FD	1800mm [5.91ft]	200-240 VAC	0.30 [0.05A/ft]	67.0 [11.34W/ft]	73.7 [12.50W/ft]	100°	>80	2700K	6830 [1155LM/ft]
									3000K	6990 [1185LM/ft]
									4000K	7370 [1245LM/ft]
									6500K	7730 [1245LM/ft]
Normal	LH35FD	1800mm [5.91ft]	200-240 VAC	0.30 [0.05A/ft]	67.0 [11.34W/ft]	73.7 [12.50W/ft]	100°	>90	2700K	5745 [970LM/ft]
									3000K	5855 [990LM/ft]
									4000K	6285 [1065LM/ft]
									6500K	6285 [1065LM/ft]
Normal	LH35FD	2400mm [7.87ft]	200-240 VAC	0.40 [0.05A/ft]	90.0 [11.44W/ft]	99.0 [12.60W/ft]	100°	>80	2700K	9170 [1165LM/ft]
									3000K	9390 [1195LM/ft]
									4000K	9900 [1260LM/ft]
									6500K	9900 [1260LM/ft]
Normal	LH35FD	2400mm [7.87ft]	200-240 VAC	0.40 [0.05A/ft]	90.0 [11.44W/ft]	99.0 [12.60W/ft]	100°	>90	2700K	7715 [980LM/ft]
									3000K	7860 [1000LM/ft]
									4000K	8445 [1075LM/ft]
									6500K	8445 [1075LM/ft]
High efficiency	LH35FD	1200mm [3.94ft]	200-240 VAC	0.20 [0.05A/ft]	45.0 [11.42W/ft]	49.5 [12.60W/ft]	100°	>80	2700K	5420 [1375LM/ft]
									3000K	5550 [1410LM/ft]
									4000K	5850 [1485LM/ft]
									6500K	5850 [1485LM/ft]

High efficiency	LH35FD	1200mm [3.94ft]	200-240 VAC	0.20 [0.05A/ft]	45.0 [11.42W/ft]	49.5 [12.60W/ft]	100°	>90	2700K	4560 [1155LM/ft]
									3000K	4645 [1180LM/ft]
									4000K	4990 [1265LM/ft]
									6500K	4990 [1265LM/ft]
High efficiency	LH35FD	1800mm [5.91ft]	200-240 VAC	0.30 [0.05A/ft]	67.0 [11.34W/ft]	73.7 [12.50W/ft]	100°	>80	2700K	8070 [1365LM/ft]
									3000K	8260 [1400LM/ft]
									4000K	8710 [1475LM/ft]
									6500K	8710 [1475LM/ft]
High efficiency	LH35FD	1800mm [5.91ft]	200-240 VAC	0.30 [0.05A/ft]	67.0 [11.34W/ft]	73.7 [12.50W/ft]	100°	>90	2700K	6790 [1150LM/ft]
									3000K	6915 [1170LM/ft]
									4000K	7430 [1255LM/ft]
									6500K	7430 [1255LM/ft]
High efficiency	LH35FD	2400mm [7.87ft]	200-240 VAC	0.40 [0.05A/ft]	90.0 [11.44W/ft]	99.0 [12.60W/ft]	100°	>80	2700K	10840 [1375LM/ft]
									3000K	11100 [1410LM/ft]
									4000K	11700 [1485LM/ft]
									6500K	11700 [1485LM/ft]
High efficiency	LH35FD	2400mm [7.87ft]	200-240 VAC	0.40 [0.05A/ft]	90.0 [11.44W/ft]	99.0 [12.60W/ft]	100°	>90	2700K	9120 [1160LM/ft]
									3000K	9290 [1180LM/ft]
									4000K	9980 [1270LM/ft]
									6500K	9980 [1270LM/ft]
Normal-3CCT Dial switch	LH35FD	1200mm [3.94ft	200-240 VAC	0.21 [0.05A/ft]	45.0 [11.42W/ft]	49.5 [12.60W/ft]	100°	>80	3000K	4275 [1085LM/ft]
									4200K	4500 [1140LM/ft]
									6200K	4275 [1085LM/ft]
Normal-3CCT Dial switch	LH35FD	1200mm [3.94ft	200-240 VAC	0.21 [0.05A/ft]	45.0 [11.42W/ft]	49.5 [12.60W/ft]	100°	>90	3000K	3645 [925LM/ft]
									4200K	3840 [975LM/ft]
									6200K	3645 [925LM/ft]
Normal-3CCT Dial switch	LH35FD	1800mm [5.91ft]	200-240 VAC	0.32 [0.05A/ft]	67.0 [11.34W/ft]	73.7 [12.50W/ft]	100°	>80	3000K	6365 [1075LM/ft]
									4200K	6700 [1135LM/ft]
									6200K	6365 [1075LM/ft]

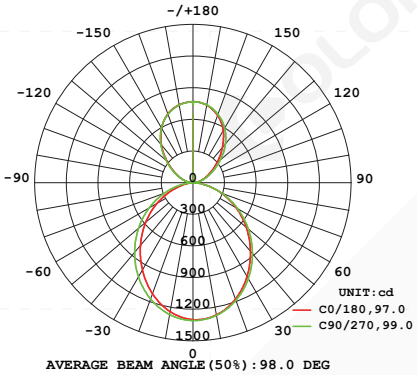
Normal-3CCT Dial switch	LH35FD	1800mm [5.91ft]	200-240 VAC	0.32 [0.05A/ft]	67.0 [11.34W/ft]	73.7 [12.50W/ft]	100°	>90	3000K	5430 [920LM/ft]
									4200K	5715 [965LM/ft]
									6200K	5430 [920LM/ft]
Normal-3CCT Dial switch	LH35FD	2400mm [7.87ft]	200-240 VAC	0.42 [0.05A/ft]	90.0 [11.44W/ft]	99.0 [12.60W/ft]	100°	>80	3000K	8550 [1085LM/ft]
									4200K	9000 [1145LM/ft]
									6200K	8550 [1085LM/ft]
Normal-3CCT Dial switch	LH35FD	2400mm [7.87ft]	200-240 VAC	0.42 [0.05A/ft]	90.0 [11.44W/ft]	99.0 [12.60W/ft]	100°	>90	3000K	7295 [925LM/ft]
									4200K	7675 [975LM/ft]
									6200K	7295 [925LM/ft]
High efficiency-3CCT Dial switch	LH35FD	1200mm [3.94ft]	200-240 VAC	0.21 [0.05A/ft]	45.0 [11.42W/ft]	49.5 [12.60W/ft]	100°	>80	3000K	5175 [1315LM/ft]
									4200K	5400 [1370LM/ft]
									6200K	5175 [1315LM/ft]
High efficiency-3CCT Dial switch	LH35FD	1200mm [3.94ft]	200-240 VAC	0.21 [0.05A/ft]	45.0 [11.42W/ft]	49.5 [12.60W/ft]	100°	>90	3000K	4415 [1120LM/ft]
									4200K	4605 [1170LM/ft]
									6200K	4415 [1120LM/ft]
High efficiency-3CCT Dial switch	LH35FD	1800mm [5.91ft]	200-240 VAC	0.32 [0.05A/ft]	67.0 [11.34W/ft]	73.7 [12.50W/ft]	100°	>80	3000K	7705 [1305LM/ft]
									4200K	8040 [1360LM/ft]
									6200K	7705 [1305LM/ft]
High efficiency-3CCT Dial switch	LH35FD	1800mm [5.91ft]	200-240 VAC	0.32 [0.05A/ft]	67.0 [11.34W/ft]	73.7 [12.50W/ft]	100°	>90	3000K	6570 [1110LM/ft]
									4200K	6860 [1160LM/ft]
									6200K	6570 [1110LM/ft]
High efficiency-3CCT Dial switch	LH35FD	2400mm [7.87ft]	200-240 VAC	0.42 [0.05A/ft]	90.0 [11.44W/ft]	99.0 [12.60W/ft]	100°	>80	3000K	10350 [1315LM/ft]
									4200K	10800 [1370LM/ft]
									6200K	10350 [1315LM/ft]
High efficiency-3CCT Dial switch	LH35FD	2400mm [7.87ft]	200-240 VAC	0.42 [0.05A/ft]	90.0 [11.44W/ft]	99.0 [12.60W/ft]	100°	>90	3000K	8830 [1120LM/ft]
									4200K	9210 [1170LM/ft]
									6200K	8830 [1120LM/ft]

Note:

1. The output data is based on the testing result of Ra80,4000k,white luminaires;
2. The tolerance of output data can be vary up to 10%;
3. The output data is typical value;
4.The luminous flux of black luminaire is 92% of white luminaire.

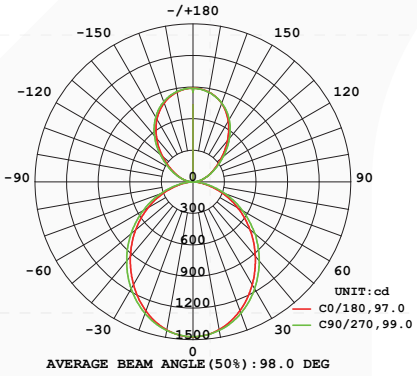
◎ Optical Parameter

Normal Version



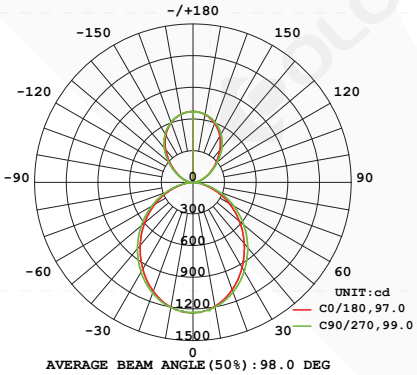
H(m)	D(cm)	Emax(lx)	Eavg(lx)
1	228	1285	487
2	457	321	122
3	685	143	54
4	913	80	30

High Efficiency Version



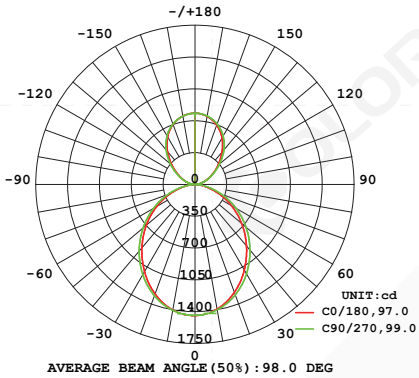
H(m)	D(cm)	Emax(lx)	Eavg(lx)
1	229	1396	536
2	459	349	134
3	688	155	59
4	918	87	33

Normal-
3 CCT Dial Switch



H(m)	D(cm)	Emax(lx)	Eavg(lx)
1	226	1139	432
2	451	285	108
3	677	127	48
4	902	71	27

High Efficiency-
3 CCT Dial Switch



H(m)	D(cm)	Emax(lx)	Eavg(lx)
1	226	1344	509
2	451	336	128
3	677	149	57
4	902	71	27

* The above data is based on monochrome 4000K color temperature.
If you need other models of IES files, please download the corresponding models from the IES database.

◎ Accessories Information

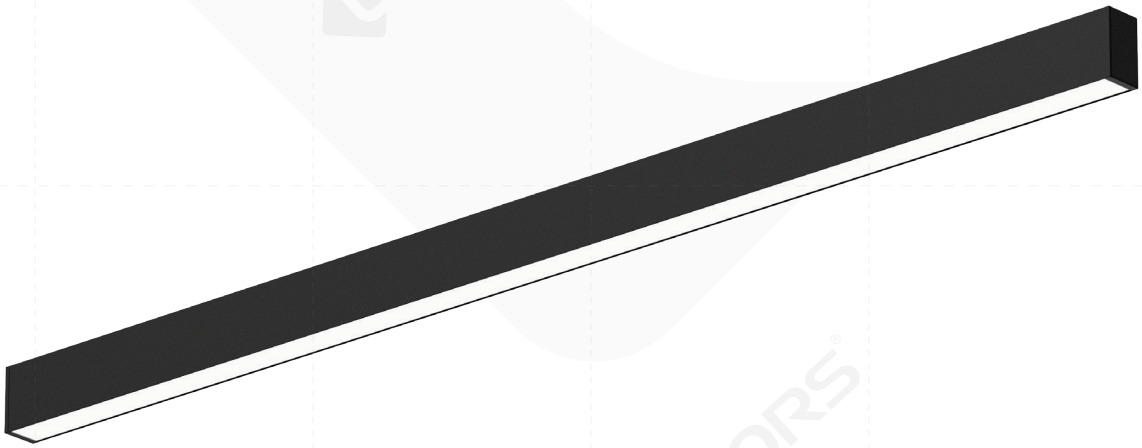
Picture	Name	Model
	Pendant cable	PN(E)-D

◎ Version Type

Normal&High Efficiency Version

· 110lm/W (Normal), 130lm/W (High efficiency version)

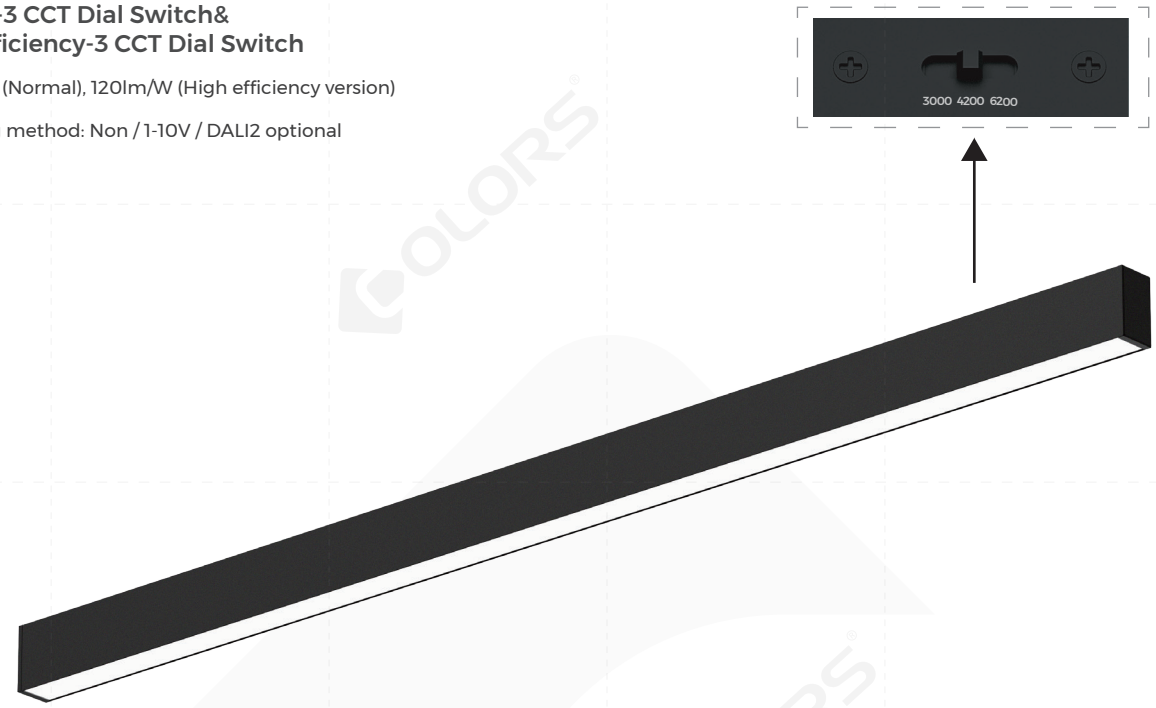
· Dimming method: Non / 1-10V / DALI2 optional



Normal-3 CCT Dial Switch&
High Efficiency-3 CCT Dial Switch

· 100lm/W (Normal), 120lm/W (High efficiency version)

· Dimming method: Non / 1-10V / DALI2 optional



◎ Packing

Model	Modes of packing	Quantity /box	Quantity /carton	GW /box(kg)	Carton (kg)	GW /carton(kg)	Size (mm/carton)
LLS-LH35FDXBS1200(N) -T45NW8N-DC	Single-Unit Inner Box Packaging	1	8	1.60	0.89	13.69	1210*178*168 [47.6''*7.0''*6.6'']
LLS-LH35FDXBS1800(N) -T67NW8N-DC	Single-Unit Inner Box Packaging	1	8	2.40	1.33	20.53	1805*178*168 [71.1''*7.0''*6.6'']
LLS-LH35FDXBS2400(N) -T90NW8N-DC	Single-Unit Inner Box Packaging	1	8	3.15	1.78	26.98	2400*178*168 [94.5''*7.0''*6.6'']

◎ Code Specification

LLS - LH 35 F D X B S 2400 (N) - T 90 W 9 A - D C

- LLS: Linear Light
- LH: Pendant (upward & downward)
- 35: 35 series
- F: Flat
- D: Diffuser
- X: No Carrier
- B: Black; W: White
- S: Holeless end Cap
- 1200: 1200mm; 1800: 1800mm; 2400: 2400mm
- H: High Efficiency; N: Normal; TN: Normal-3 CCT Dial Switch; TH: High Efficiency-3 CCT Dial Switch
- T: Constant Current Rigid PCB
- 45: 45W; 67: 67W; 90: 90W
- SW: 2600-2800K; WW: 2800-3200K; NW: 3800-4200K; W: 6000-6500K; WWW:3000-4200-6200K
- 8: CRI>80; 9: CRI>90
- A: DALI Dimming; D: 1-10V Dimming; N: Non Dimming
- D: Single-Unit Inner Box Packaging
- C: Colors; S: Customize

◎ Attentions

1.Non-professionals are prohibited from installing, disassembling and repairing the product.

2.Avoid scratching, distortion and irregular bending of the product during installation; otherwise it may cause irreparable damage to the product.

3.Please use professional cutting tools when cutting

4.Do not use any acid or alkaline adhesive to fix products

5.The product is only suitable for indoor dry places, can not be used in outdoor, seaside or wet environment.

6.PC features: Each 10°C rise or drop will make diffuser extend or shrink 0.8mm/m, please confirm before processing and use