

Luminaire Specification

LH50FK

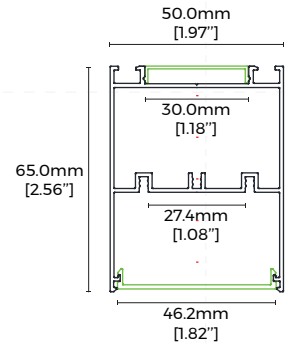
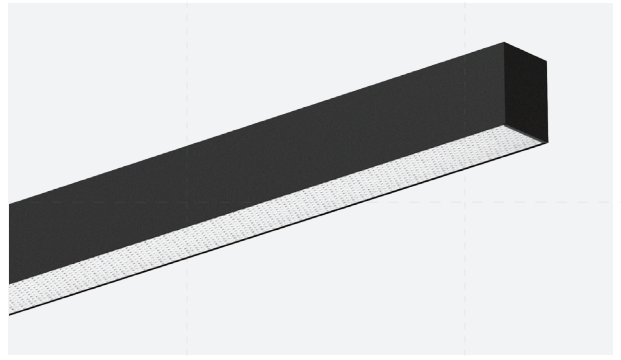
— LINE ECO series



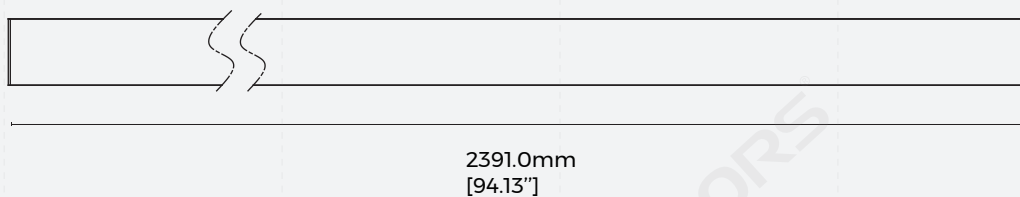
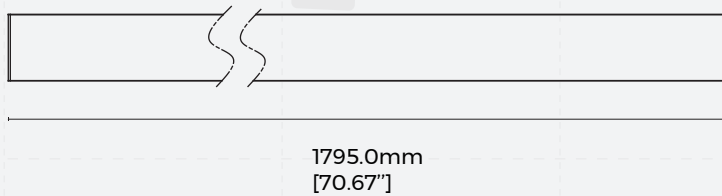
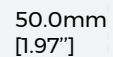
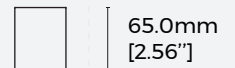
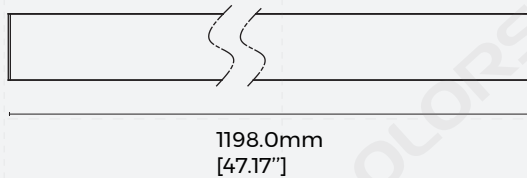
◎ Basic Parameters

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

- Efficiency: 110(Normal), 130(High efficiency-3CCT Dial switch) LM/W
135(High efficiency), 110(Normal-3CCT Dial switch) LM/W
- SDCM: <3 Step (ANSI)
- CRI: 80, 90
- CCT: 2700, 3000, 4000, 6500, 3000-6500K 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	LH50FK	1200mm [3.94ft]	200-240 VAC	0.26 [0.07A/ft]	58.0 [14.72W/ft]	63.8 [16.20W/ft]	80°	>80	2700K	5910 [1500LM/ft]
									3000K	6050 [1535LM/ft]
									4000K	6380 [1620LM/ft]
									6500K	6380 [1620LM/ft]
Normal	LH50FK	1200mm [3.94ft]	200-240 VAC	0.26 [0.07A/ft]	58.0 [14.72W/ft]	63.8 [16.20W/ft]	80°	>90	2700K	4975 [1260LM/ft]
									3000K	5065 [1285LM/ft]
									4000K	5440 [1380LM/ft]
									6500K	5440 [1380LM/ft]
Normal	LH50FK	1800mm [5.91ft]	200-240 VAC	0.41 [0.07A/ft]	90.0 [15.23W/ft]	99.0 [16.80W/ft]	80°	>80	2700K	9170 [1550LM/ft]
									3000K	9390 [1590LM/ft]
									4000K	9900 [1675LM/ft]
									6500K	9900 [1675LM/ft]
Normal	LH50FK	1800mm [5.91ft]	200-240 VAC	0.41 [0.07A/ft]	90.0 [15.23W/ft]	99.0 [16.80W/ft]	80°	>90	2700K	7715 [1305LM/ft]
									3000K	7860 [1330LM/ft]
									4000K	8445 [1430LM/ft]
									6500K	8445 [1430LM/ft]
Normal	LH50FK	2400mm [7.87ft]	200-240 VAC	0.52 [0.07A/ft]	120.0 [15.25W/ft]	132.0 [16.80W/ft]	80°	>80	2700K	12230 [1555LM/ft]
									3000K	12520 [1590LM/ft]
									4000K	13200 [1675LM/ft]
									6500K	13200 [1675LM/ft]
Normal	LH50FK	2400mm [7.87ft]	200-240 VAC	0.52 [0.07A/ft]	120.0 [15.25W/ft]	132.0 [16.80W/ft]	80°	>90	2700K	10290 [1305LM/ft]
									3000K	10485 [1330LM/ft]
									4000K	11260 [1430LM/ft]
									6500K	11260 [1430LM/ft]
High efficiency	LH50FK	1200mm [3.94ft]	200-240 VAC	0.26 [0.07A/ft]	58.0 [14.72W/ft]	63.8 [16.20W/ft]	80°	>80	2700K	7255 [1840LM/ft]
									3000K	7425 [1885LM/ft]
									4000K	7830 [1985LM/ft]
									6500K	7830 [1985LM/ft]

High efficiency	LH50FK	1200mm [3.94ft]	200-240 VAC	0.26 [0.07A/ft]	58.0 [14.72W/ft]	37.4 [9.49W/ft]	80°	>90	2700K	6105 [1550LM/ft]
									3000K	6220 [1580LM/ft]
									4000K	6680 [1695LM/ft]
									6500K	6680 [1695LM/ft]
High efficiency	LH50FK	1800mm [5.91ft]	200-240 VAC	0.41 [0.07A/ft]	90.0 [15.23W/ft]	99.0 [16.80W/ft]	80°	>80	2700K	11255 [1905LM/ft]
									3000K	11525 [1950LM/ft]
									4000K	12150 [2055LM/ft]
									6500K	12150 [2055LM/ft]
High efficiency	LH50FK	1800mm [5.91ft]	200-240 VAC	0.41 [0.07A/ft]	90.0 [15.23W/ft]	99.0 [16.80W/ft]	80°	>90	2700K	9470 [1605LM/ft]
									3000K	9650 [1635LM/ft]
									4000K	10365 [1755LM/ft]
									6500K	10365 [1755LM/ft]
High efficiency	LH50FK	2400mm [7.87ft]	200-240 VAC	0.52 [0.07A/ft]	120.0 [15.25W/ft]	132.0 [16.80W/ft]	80°	>80	2700K	15010 [1905LM/ft]
									3000K	15365 [1950LM/ft]
									4000K	16200 [2060LM/ft]
									6500K	16200 [2060LM/ft]
High efficiency	LH50FK	2400mm [7.87ft]	200-240 VAC	0.52 [0.07A/ft]	120.0 [15.25W/ft]	132.0 [16.80W/ft]	80°	>90	2700K	12625 [1605LM/ft]
									3000K	12865 [1635LM/ft]
									4000K	13820 [1755LM/ft]
									6500K	13820 [1755LM/ft]
Normal-3CCT Dial switch	LH50FK	1200mm [3.94ft]	200-240 VAC	0.27 [0.07A/ft]	58.0 [14.72W/ft]	63.8 [16.20W/ft]	80°	>80	3000K	6090 [1545LM/ft]
									4200K	6380 [1620LM/ft]
									6400K	6090 [1545LM/ft]
Normal-3CCT Dial switch	LH50FK	1200mm [3.94ft]	200-240 VAC	0.27 [0.07A/ft]	58.0 [14.72W/ft]	63.8 [16.20W/ft]	80°	>90	3000K	5195 [1320LM/ft]
									4200K	5440 [1380LM/ft]
									6400K	5195 [1320LM/ft]
Normal-3CCT Dial switch	LH50FK	1800mm [5.91ft]	200-240 VAC	0.42 [0.07A/ft]	90.0 [15.23W/ft]	99.0 [16.80W/ft]	80°	>80	3000K	9450 [1560LM/ft]
									4200K	9900 [1675LM/ft]
									6400K	9450 [1560LM/ft]

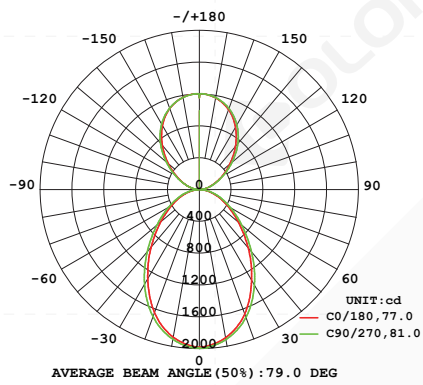
Normal-3CCT Dial switch	LH50FK	1800mm [5.91ft]	200-240 VAC	0.42 [0.07A/ft]	90.0 [15.23W/ft]	99.0 [16.80W/ft]	80°	>90	3000K	8060 [1365LM/ft]
									4200K	8445 [1430LM/ft]
									6400K	8060 [1365LM/ft]
Normal-3CCT Dial switch	LH50FK	2400mm [7.87ft]	200-240 VAC	0.54 [0.07A/ft]	120.0 [15.23W/ft]	132.0 [16.80W/ft]	80°	>80	3000K	12600 [1600LM/ft]
									4200K	13200 [1675LM/ft]
									6400K	12600 [1600LM/ft]
Normal-3CCT Dial switch	LH50FK	2400mm [7.87ft]	200-240 VAC	0.54 [0.07A/ft]	120.0 [15.23W/ft]	132.0 [16.80W/ft]	80°	>90	3000K	10750 [1365LM/ft]
									4200K	11260 [1430LM/ft]
									6400K	10750 [1365LM/ft]
High efficiency- 3CCT Dial switch	LH50FK	1200mm [3.94ft]	200-240 VAC	0.27 [0.07A/ft]	58.0 [14.72W/ft]	63.8 [16.20W/ft]	80°	>80	3000K	7250 [1840LM/ft]
									4200K	7540 [1915LM/ft]
									6400K	7250 [1840LM/ft]
High efficiency- 3CCT Dial switch	LH50FK	1200mm [3.94ft]	200-240 VAC	0.27 [0.07A/ft]	58.0 [14.72W/ft]	63.8 [16.20W/ft]	80°	>90	3000K	6185 [1570LM/ft]
									4200K	6430 [1630LM/ft]
									6400K	6185 [1570LM/ft]
High efficiency- 3CCT Dial switch	LH50FK	1800mm [5.91ft]	200-240 VAC	0.42 [0.07A/ft]	90.0 [15.23W/ft]	99.0 [16.80W/ft]	80°	>80	3000K	11250 [1905LM/ft]
									4200K	11700 [1980LM/ft]
									6400K	11250 [1905LM/ft]
High efficiency- 3CCT Dial switch	LH50FK	1800mm [5.91ft]	200-240 VAC	0.42 [0.07A/ft]	90.0 [15.23W/ft]	99.0 [16.80W/ft]	80°	>90	3000K	9595 [1625LM/ft]
									4200K	9980 [1670LM/ft]
									6400K	9595 [1625LM/ft]
High efficiency- 3CCT Dial switch	LH50FK	2400mm [7.87ft]	200-240 VAC	0.54 [0.07A/ft]	120.0 [15.23W/ft]	132.0 [16.80W/ft]	80°	>80	3000K	15000 [1905LM/ft]
									4200K	15600 [1980LM/ft]
									6400K	15000 [1905LM/ft]
High efficiency- 3CCT Dial switch	LH50FK	2400mm [7.87ft]	200-240 VAC	0.54 [0.07A/ft]	120.0 [15.23W/ft]	132.0 [16.80W/ft]	80°	>90	3000K	12795 [1625LM/ft]
									4200K	13305 [1690LM/ft]
									6400K	12795 [1625LM/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 95% of white luminaire.

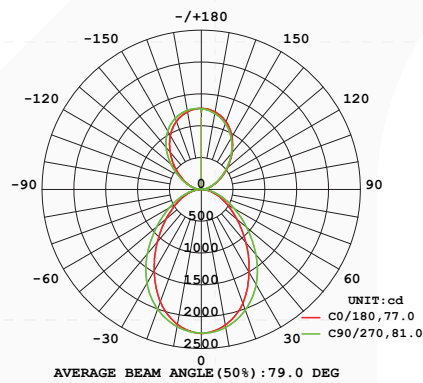
© Optical Parameter

Normal Version



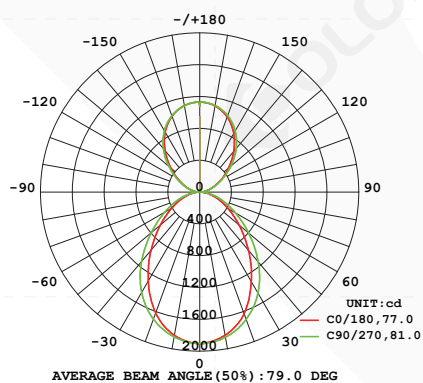
H(m)	D(cm)	Emax(lx)	Eavg(lx)
1	161	2067	1037
2	321	517	259
3	482	230	115
4	643	129	65

High Efficiency Version



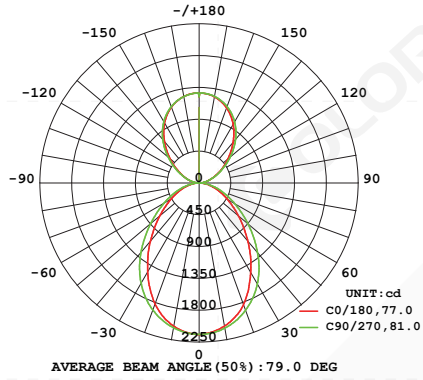
H(m)	D(cm)	Emax(lx)	Eavg(lx)
1	160	2295	1189
2	320	574	297
3	481	255	132
4	641	143	74

Normal-3 CCT Dial Switch



H(m)	D(cm)	Emax(lx)	Eavg(lx)
1	167	1930	990
2	335	483	247
3	502	215	110
4	670	121	62

High Efficiency- 3 CCT Dial Switch




H(m)	D(cm)	E _{max} (lx)	E _{avg} (lx)
1	167	2316	1187
2	335	579	296
3	502	257	131
4	670	121	62

*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.

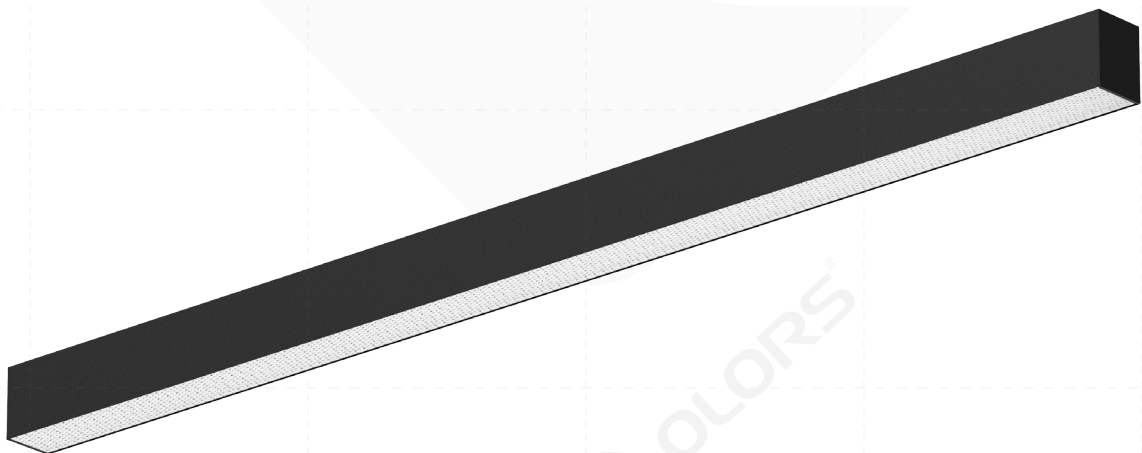
◎ Accessories Information

Picture	Name	Model
	Pendant cable	PN(E)-D

◎ Version Type

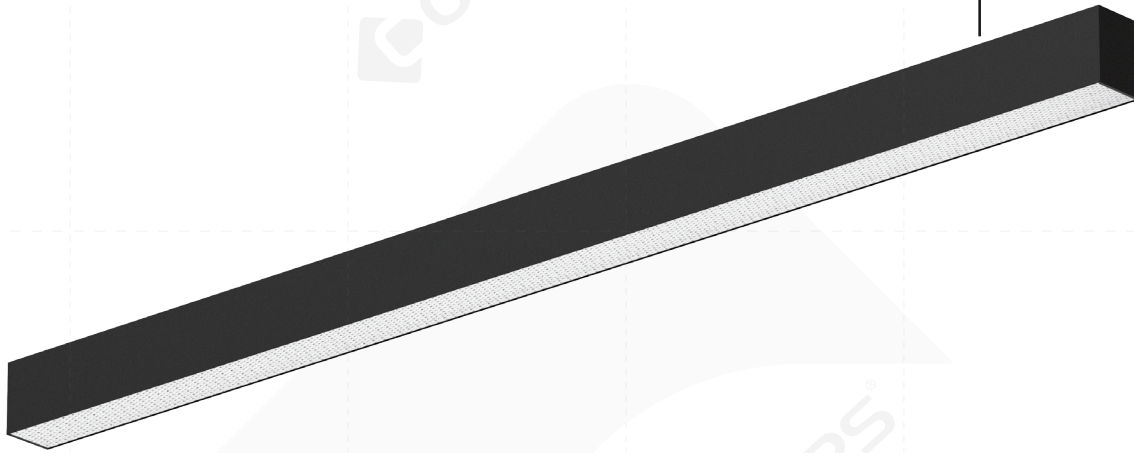
Normal&High Efficiency Version

- 110lm/W (Normal), 135lm/W (High efficiency version)
- Dimming method: Non / 1-10V / DALI2 optional



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

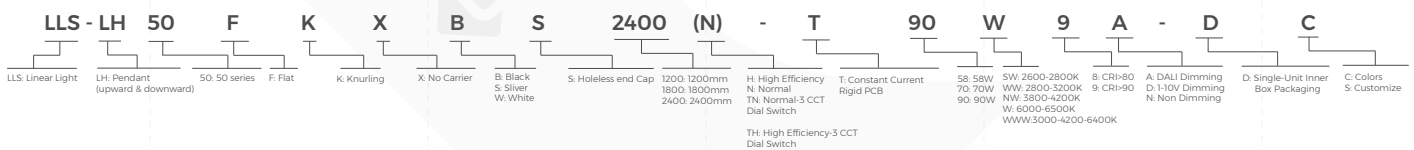
- 110lm/W (Normal), 130lm/W (High efficiency version)
- Dimming method: Non / 1-10V / DALI2 optional



◎ Packing

Model	Modes of packing	Quantity /box	Quantity /carton	GW /box(kg)	Carton (kg)	GW /carton(kg)	Size (mm/carton)
LLS-LH50FKXBS1200(N) -T58NW8N-DC	Bulk Packaging	1	6	1.87	0.89	12.19	1210*178*168 [47.6"*7.0"*6.6"]
LLS-LH50FKXBS1800(N) -T90NW8N-DC	Bulk Packaging	1	6	2.80	1.33	18.13	1805*178*168 [71.1"*7.0"*6.6"]
LLS-LH50FKXBS2400(N) -T120NW8N-DC	Bulk Packaging	1	6	3.74	1.78	24.18	2400*178*168 [94.5"*7.0"*6.6"]

◎ Code Specification



◎ 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