

Luminaire Specification

LH50FP

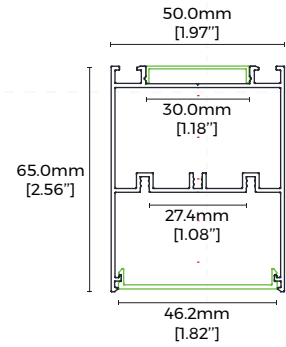
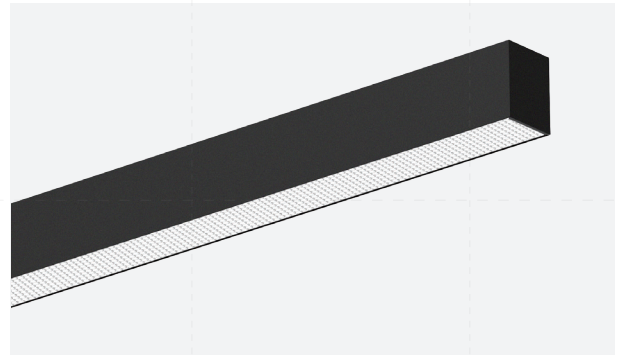
— LINE ECO series



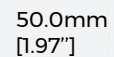
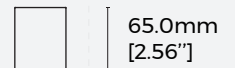
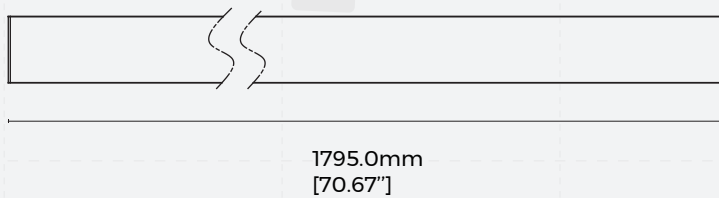
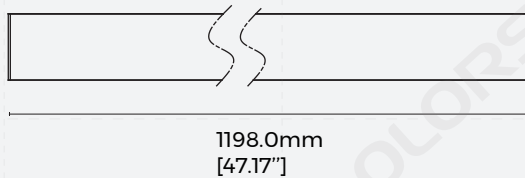
◎ Basic Parameters

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

- Efficiency: 110(Normal), 125(High efficiency-3CCT Dial switch) LM/W
125(High efficiency), 105(Normal-3CCT Dial switch) LM/W
- U G R: UGR≤19(X=4H,Y=8H)
- SDCM: <3 Step (ANSI)
- CRI: 80, 90
- CCT: 2700, 3000, 4000, 6500, 3000-4200-6100K 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	LH50FP	1200mm [3.94ft]	200-240 VAC	0.27 [0.07A/ft]	58.0 [14.72W/ft]	63.8 [16.20W/ft]	70°	>80	2700K	5910 [1500LM/ft]
									3000K	6050 [1535LM/ft]
									4000K	6380 [1620LM/ft]
									6500K	6380 [1620LM/ft]
Normal	LH50FP	1200mm [3.94ft]	200-240 VAC	0.27 [0.07A/ft]	58.0 [14.72W/ft]	63.8 [16.20W/ft]	70°	>90	2700K	4975 [1260LM/ft]
									3000K	5065 [1285LM/ft]
									4000K	5440 [1380LM/ft]
									6500K	5440 [1380LM/ft]
Normal	LH50FP	1800mm [5.91ft]	200-240 VAC	0.42 [0.07A/ft]	90.0 [15.23W/ft]	99.0 [16.80W/ft]	70°	>80	2700K	9170 [1550LM/ft]
									3000K	9390 [1590LM/ft]
									4000K	9900 [1675LM/ft]
									6500K	9900 [1675LM/ft]
Normal	LH50FP	1800mm [5.91ft]	200-240 VAC	0.42 [0.07A/ft]	90.0 [15.23W/ft]	99.0 [16.80W/ft]	70°	>90	2700K	7715 [1305LM/ft]
									3000K	7860 [1330LM/ft]
									4000K	8445 [1430LM/ft]
									6500K	8445 [1430LM/ft]
High efficiency	LH50FP	1200mm [3.94ft]	200-240 VAC	0.27 [0.07A/ft]	58.0 [14.72W/ft]	63.8 [16.20W/ft]	70°	>80	2700K	6715 [1705LM/ft]
									3000K	6875 [1745LM/ft]
									4000K	7250 [1840LM/ft]
									6500K	7250 [1840LM/ft]
High efficiency	LH50FP	1200mm [3.94ft]	200-240 VAC	0.27 [0.07A/ft]	58.0 [14.72W/ft]	63.8 [16.20W/ft]	70°	>90	2700K	5650 [1435LM/ft]
									3000K	5760 [1460LM/ft]
									4000K	6185 [1570LM/ft]
									6500K	6185 [1570LM/ft]
High efficiency	LH50FP	1800mm [5.91ft]	200-240 VAC	0.42 [0.07A/ft]	90.0 [15.23W/ft]	99.0 [16.80W/ft]	70°	>80	2700K	10425 [1260LM/ft]
									3000K	10670 [1805LM/ft]
									4000K	11250 [1905LM/ft]
									6500K	11250 [1905LM/ft]

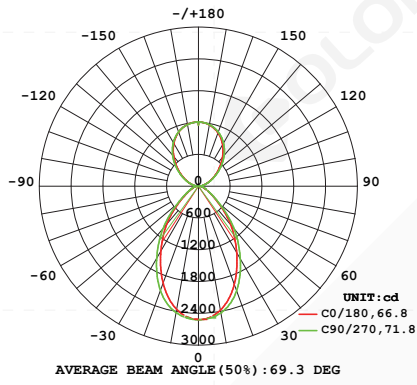
High efficiency	LH50FP	1800mm [5.91ft]	200-240 VAC	0.42 [0.07A/ft]	90.0 [15.23W/ft]	99.0 [16.80W/ft]	70°	>90	2700K	8770 [1485LM/ft]
									3000K	8935 [1510LM/ft]
									4000K	9595 [1625LM/ft]
									6500K	9595 [1625LM/ft]
Normal-3CCT Dial switch	LH50FP	1200mm [3.94ft]	200-240 VAC	0.27 [0.07A/ft]	58.0 [14.72W/ft]	63.8 [16.20W/ft]	70°	>80	3000K	5800 [1470LM/ft]
									4200K	6090 [1545LM/ft]
									6100K	5800 [1470LM/ft]
Normal-3CCT Dial switch	LH50FP	1200mm [3.94ft]	200-240 VAC	0.27 [0.07A/ft]	58.0 [14.72W/ft]	63.8 [16.20W/ft]	70°	>90	3000K	4945 [1255LM/ft]
									4200K	5195 [1320LM/ft]
									6100K	4945 [1255LM/ft]
Normal-3CCT Dial switch	LH50FP	1800mm [5.91ft]	200-240 VAC	0.42 [0.07A/ft]	90.0 [15.23W/ft]	99.0 [16.80W/ft]	70°	>80	3000K	9000 [1525LM/ft]
									4200K	9450 [1600LM/ft]
									6100K	9000 [1525LM/ft]
Normal-3CCT Dial switch	LH50FP	1800mm [5.91ft]	200-240 VAC	0.42 [0.07A/ft]	90.0 [15.23W/ft]	99.0 [16.80W/ft]	70°	>90	3000K	7675 [1300LM/ft]
									4200K	8060 [1365LM/ft]
									6100K	7675 [1300LM/ft]
High efficiency- 3CCT Dial switch	LH50FP	1200mm [3.94ft]	200-240 VAC	0.27 [0.07A/ft]	58.0 [14.72W/ft]	63.8 [16.20W/ft]	70°	>80	3000K	6960 [1765LM/ft]
									4200K	7250 [1840LM/ft]
									6100K	6960 [1765LM/ft]
High efficiency- 3CCT Dial switch	LH50FP	1200mm [3.94ft]	200-240 VAC	0.27 [0.07A/ft]	58.0 [14.72W/ft]	63.8 [16.20W/ft]	70°	>90	3000K	5935 [1505LM/ft]
									4200K	6185 [1570LM/ft]
									6100K	5935 [1505LM/ft]
High efficiency- 3CCT Dial switch	LH50FP	1800mm [5.91ft]	200-240 VAC	0.42 [0.07A/ft]	90.0 [15.23W/ft]	99.0 [16.80W/ft]	70°	>80	3000K	10800 [1825LM/ft]
									4200K	11250 [1905LM/ft]
									6100K	10800 [1825LM/ft]
High efficiency- 3CCT Dial switch	LH50FP	1800mm [5.91ft]	200-240 VAC	0.42 [0.07A/ft]	90.0 [15.23W/ft]	99.0 [16.80W/ft]	70°	>90	3000K	9210 [1560LM/ft]
									4200K	9595 [1625LM/ft]
									6100K	9210 [1560LM/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.

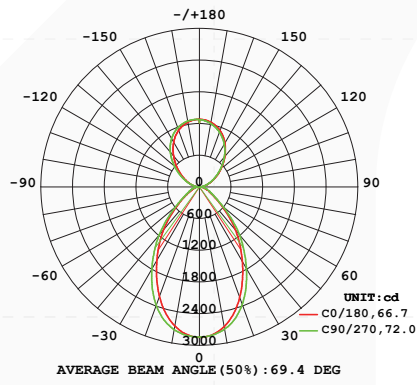
© Optical Parameter

Normal Version



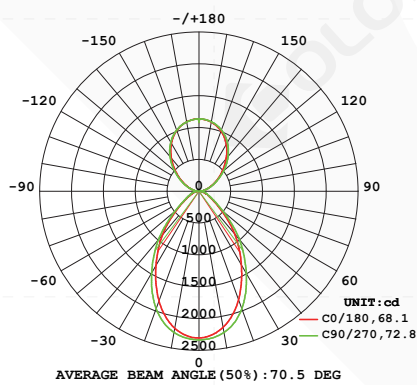
H(m)	D(cm)	Emax(lx)	Eavg(lx)
1	131	2652	1466
2	262	663	367
3	393	295	163
4	524	166	92

High Efficiency Version



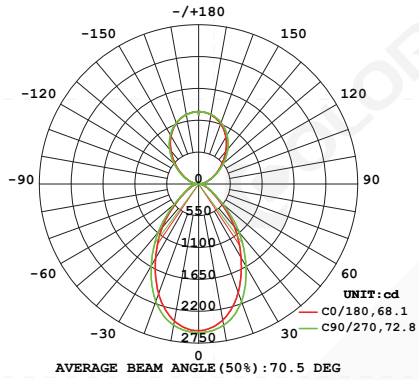
H(m)	D(cm)	Emax(lx)	Eavg(lx)
1	131	2914	1628
2	263	729	407
3	394	324	181
4	525	182	102

Normal-3 CCT Dial Switch



H(m)	D(cm)	Emax(lx)	Eavg(lx)
1	133	2397	1327
2	267	599	332
3	400	266	148
4	533	150	83

High Efficiency- 3 CCT Dial Switch




H(m)	D(cm)	E _{max} (lx)	E _{avg} (lx)
1	136	2734	1486
2	271	683	371
3	407	303	165
4	542	142	77

* 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), 125lm/W (High efficiency version)
- Dimming method: Non / 1-10V / DALI2 optional



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

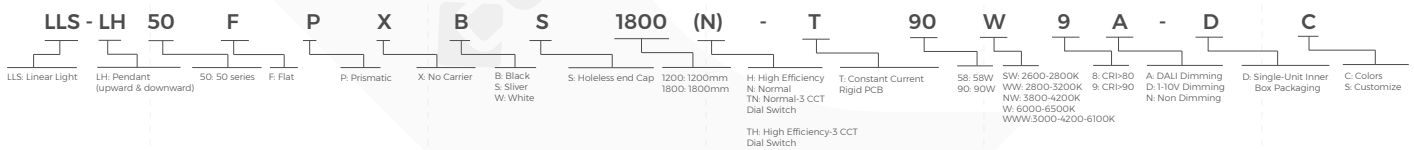
- 105lm/W (Normal), 125lm/W (High efficiency version)
- Dimming method: Non / 1-10V / DALI2 optional



◎ Packing

Model	Modes of packing	Quantity /box	Quantity /carton	GW /box(kg)	Carton (kg)	GW /carton(kg)	Size (mm/carton)
LLS-LH50FPXBS1200(N) -T58NW8N-DC	Bulk Packaging	1	6	1.87	0.89	12.19	1210*178*168 [47.6"*7.0"*6.6"]
LLS-LH50FPXBS1800(N) -T90NW8N-DC	Bulk Packaging	1	6	2.80	1.33	18.13	1805*178*168 [71.1"*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



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