

Luminaire Specification

LH70FD

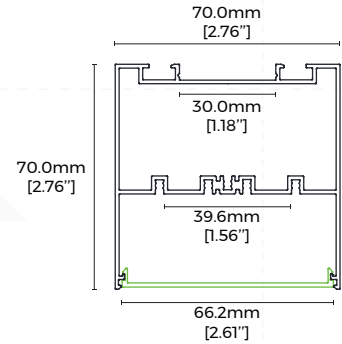
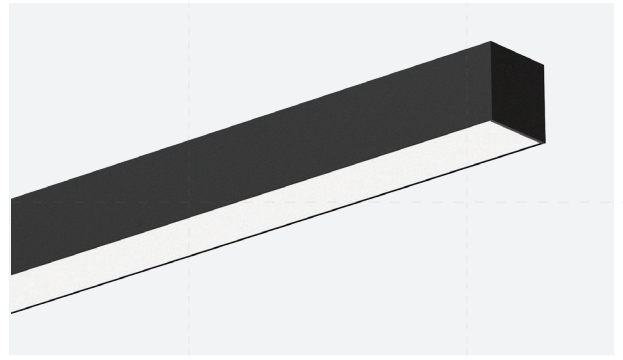
— LINE ECO series



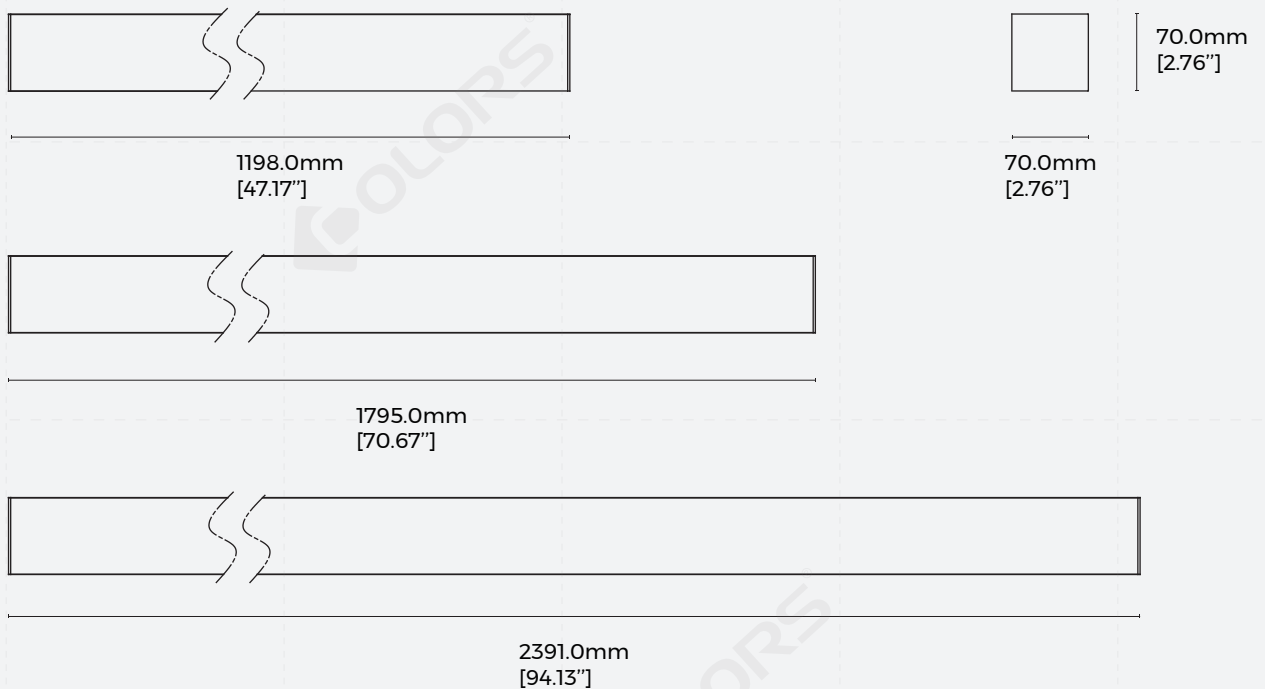
◎ Basic Parameters

- 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), 135(High efficiency-3CCT Dial switch) LM/W
135(High efficiency), 115(Normal-3CCT Dial switch) LM/W
- SDCM: <3 Step (ANSI)
- CRI: 80, 90
- CCT: 2700, 3000, 4000, 6500, 3000-4200-6300K 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	LH70FD	1200mm [3.94ft]	200-240 VAC	0.33 [0.08A/ft]	70.0 [17.77W/ft]	77.0 [19.50W/ft]	100°	>80	2700K	7135 [1810LM/ft]
									3000K	7305 [1855LM/ft]
									4000K	7700 [1955LM/ft]
									6500K	7700 [1955LM/ft]
Normal	LH70FD	1200mm [3.94ft]	200-240 VAC	0.33 [0.08A/ft]	70.0 [17.77W/ft]	77.0 [19.50W/ft]	100°	>90	2700K	6000 [1525LM/ft]
									3000K	6115 [1550LM/ft]
									4000K	6570 [1665LM/ft]
									6500K	6570 [1665LM/ft]
Normal	LH70FD	1800mm [5.91ft]	200-240 VAC	0.50 [0.08A/ft]	106.0 [17.94W/ft]	116.6 [19.70W/ft]	100°	>80	2700K	10805 [1830LM/ft]
									3000K	11060 [1870LM/ft]
									4000K	11660 [1975LM/ft]
									6500K	11660 [1975LM/ft]
Normal	LH70FD	1800mm [5.91ft]	200-240 VAC	0.50 [0.08A/ft]	106.0 [17.94W/ft]	116.6 [19.70W/ft]	100°	>90	2700K	9090 [1540LM/ft]
									3000K	9260 [1560LM/ft]
									4000K	9945 [1685LM/ft]
									6500K	9945 [1685LM/ft]
Normal	LH70FD	2400mm [7.87ft]	200-240 VAC	0.66 [0.08A/ft]	140.0 [17.79W/ft]	154.0 [19.60W/ft]	100°	>80	2700K	14270 [1815LM/ft]
									3000K	14605 [1855LM/ft]
									4000K	15400 [1955LM/ft]
									6500K	15400 [1955LM/ft]
Normal	LH70FD	2400mm [7.87ft]	200-240 VAC	0.66 [0.08A/ft]	140.0 [17.79W/ft]	154.0 [19.60W/ft]	100°	>90	2700K	12005 [11525LM/ft]
									3000K	12230 [1555LM/ft]
									4000K	13135 [1670LM/ft]
									6500K	13135 [1670LM/ft]
High efficiency	LH70FD	1200mm [3.94ft]	200-240 VAC	0.31 [0.08A/ft]	70.0 [17.77W/ft]	77.0 [19.50W/ft]	100°	>80	2700K	8755 [2220LM/ft]
									3000K	8965 [2275LM/ft]
									4000K	9450 [2400LM/ft]
									6500K	9450 [2400LM/ft]

High efficiency	LH70FD	1200mm [3.94ft]	200-240 VAC	0.31 [0.08A/ft]	70.0 [17.77W/ft]	77.0 [19.50W/ft]	100°	>90	2700K	7365 [1870LM/ft]
									3000K	7505 [1905LM/ft]
									4000K	8060 [2045LM/ft]
									6500K	8060 [2045LM/ft]
High efficiency	LH70FD	1800mm [5.91ft]	200-240 VAC	0.47 [0.08A/ft]	106.0 [17.94W/ft]	116.6 [19.70W/ft]	100°	>80	2700K	13260 [2245LM/ft]
									3000K	13575 [2295LM/ft]
									4000K	14310 [2420LM/ft]
									6500K	14310 [2420LM/ft]
High efficiency	LH70FD	1800mm [5.91ft]	200-240 VAC	0.47 [0.08A/ft]	106.0 [17.94W/ft]	116.6 [19.70W/ft]	100°	>90	2700K	11155 [1885LM/ft]
									3000K	11365 [1925LM/ft]
									4000K	12205 [2605LM/ft]
									6500K	12205 [2605LM/ft]
High efficiency	LH70FD	2400mm [7.87ft]	200-240 VAC	0.62 [0.08A/ft]	140.0 [17.79W/ft]	154.0 [19.60W/ft]	100°	>80	2700K	17510 [2225LM/ft]
									3000K	17925 [2280LM/ft]
									4000K	18900 [2400LM/ft]
									6500K	18900 [2400LM/ft]
High efficiency	LH70FD	2400mm [7.87ft]	200-240 VAC	0.62 [0.08A/ft]	140.0 [17.79W/ft]	154.0 [19.60W/ft]	100°	>90	2700K	14730 [1870LM/ft]
									3000K	15010 [1905LM/ft]
									4000K	16120 [2050LM/ft]
									6500K	16120 [2050LM/ft]
Normal-3CCT Dial switch	LH70FD	1200mm [3.94ft]	200-240 VAC	0.33 [0.08A/ft]	70.0 [17.77W/ft]	77.0 [19.50W/ft]	100°	>80	3000K	7700 [1955LM/ft]
									4200K	8050 [2045LM/ft]
									6300K	7700 [1955LM/ft]
Normal-3CCT Dial switch	LH70FD	1200mm [3.94ft]	200-240 VAC	0.33 [0.08A/ft]	70.0 [17.77W/ft]	77.0 [19.50W/ft]	100°	>90	3000K	6570 [1665LM/ft]
									4200K	6865 [1740LM/ft]
									6300K	6570 [1665LM/ft]
Normal-3CCT Dial switch	LH70FD	1800mm [5.91ft]	200-240 VAC	0.50 [0.08A/ft]	106.0 [17.94W/ft]	116.6 [19.70W/ft]	100°	>80	3000K	11660 [1975LM/ft]
									4200K	12190 [2065LM/ft]
									6300K	11660 [1975LM/ft]

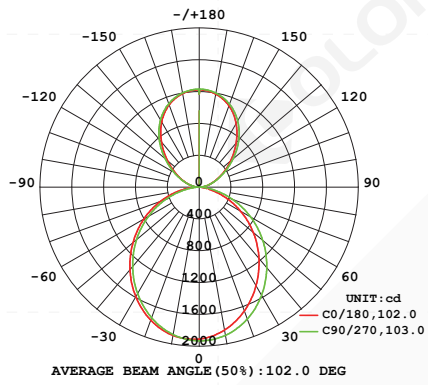
Normal-3CCT Dial switch	LH70FD	1800mm [5.91ft]	200-240 VAC	0.50 [0.08A/ft]	106.0 [17.94W/ft]	116.6 [19.70W/ft]	100°	>90	3000K	9945 [1685LM/ft]
									4200K	10400 [1760LM/ft]
									6300K	9945 [1685LM/ft]
Normal-3CCT Dial switch	LH70FD	2400mm [7.87ft]	200-240 VAC	0.66 [0.08A/ft]	140.0 [17.79W/ft]	154.0 [19.60W/ft]	100°	>80	3000K	15400 [1955LM/ft]
									4200K	16100 [2045LM/ft]
									6300K	15400 [1955LM/ft]
Normal-3CCT Dial switch	LH70FD	2400mm [7.87ft]	200-240 VAC	0.66 [0.08A/ft]	140.0 [17.79W/ft]	154.0 [19.60W/ft]	100°	>90	3000K	13135 [1670LM/ft]
									4200K	13735 [1745LM/ft]
									6300K	13135 [1670LM/ft]
High efficiency- 3CCT Dial switch	LH70FD	1200mm [3.94ft]	200-240 VAC	0.33 [0.08A/ft]	70.0 [17.77W/ft]	77.0 [19.50W/ft]	100°	>80	3000K	9100 [2310LM/ft]
									4200K	9450 [2400LM/ft]
									6300K	9100 [2310LM/ft]
High efficiency- 3CCT Dial switch	LH70FD	1200mm [3.94ft]	200-240 VAC	0.33 [0.08A/ft]	70.0 [17.77W/ft]	77.0 [19.50W/ft]	100°	>90	3000K	7760 [1970LM/ft]
									4200K	8060 [2045LM/ft]
									6300K	7760 [1970LM/ft]
High efficiency- 3CCT Dial switch	LH70FD	1800mm [5.91ft]	200-240 VAC	0.50 [0.08A/ft]	106.0 [17.94W/ft]	116.6 [19.70W/ft]	100°	>80	3000K	13780 [2330LM/ft]
									4200K	14310 [2420LM/ft]
									6300K	13780 [2330LM/ft]
High efficiency- 3CCT Dial switch	LH70FD	1800mm [5.91ft]	200-240 VAC	0.50 [0.08A/ft]	106.0 [17.94W/ft]	116.6 [19.70W/ft]	100°	>90	3000K	11755 [1990LM/ft]
									4200K	12205 [2065LM/ft]
									6300K	11755 [1990LM/ft]
High efficiency- 3CCT Dial switch	LH70FD	2400mm [7.87ft]	200-240 VAC	0.66 [0.08A/ft]	140.0 [17.79W/ft]	154.0 [19.60W/ft]	100°	>80	3000K	18200 [2315LM/ft]
									4200K	18900 [2400LM/ft]
									6300K	18200 [2315LM/ft]
High efficiency- 3CCT Dial switch	LH70FD	2400mm [7.87ft]	200-240 VAC	0.66 [0.08A/ft]	140.0 [17.79W/ft]	154.0 [19.60W/ft]	100°	>90	3000K	15525 [1975LM/ft]
									4200K	16120 [2050LM/ft]
									6300K	15525 [1975LM/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 98% of white luminaire.

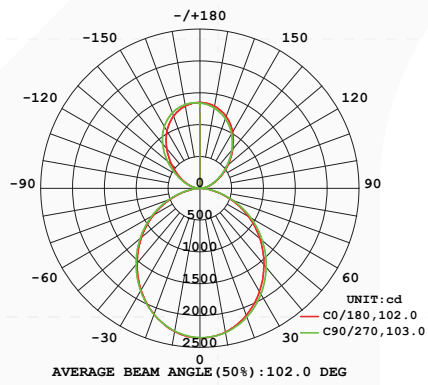
© Optical Parameter

Normal Version



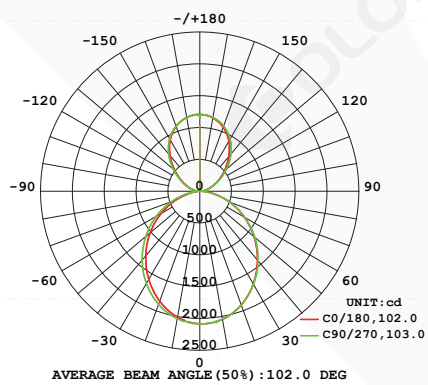
H(m)	D(cm)	Emax(lx)	Eavg(lx)
1	249	2084	710
2	498	521	178
3	746	232	79
4	995	130	44

High Efficiency Version



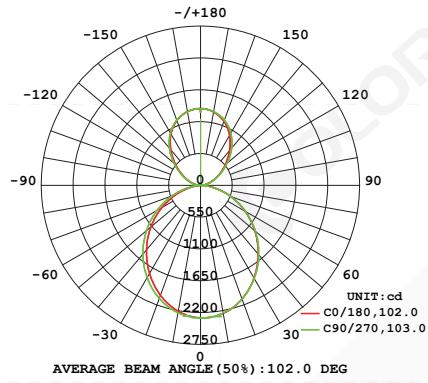
H(m)	D(cm)	Emax(lx)	Eavg(lx)
1	249	2378	807
2	498	594	202
3	748	264	90
4	997	149	50

Normal-3 CCT Dial Switch



H(m)	D(cm)	Emax(lx)	Eavg(lx)
1	249	2107	720
2	498	527	180
3	747	234	80
4	996	132	45

High Efficiency- 3 CCT Dial Switch



H(m)	D(cm)	E _{max} (lx)	E _{avg} (lx)
1	249	2530	864
2	498	632	216
3	747	280	86
4	996	132	45

* 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.

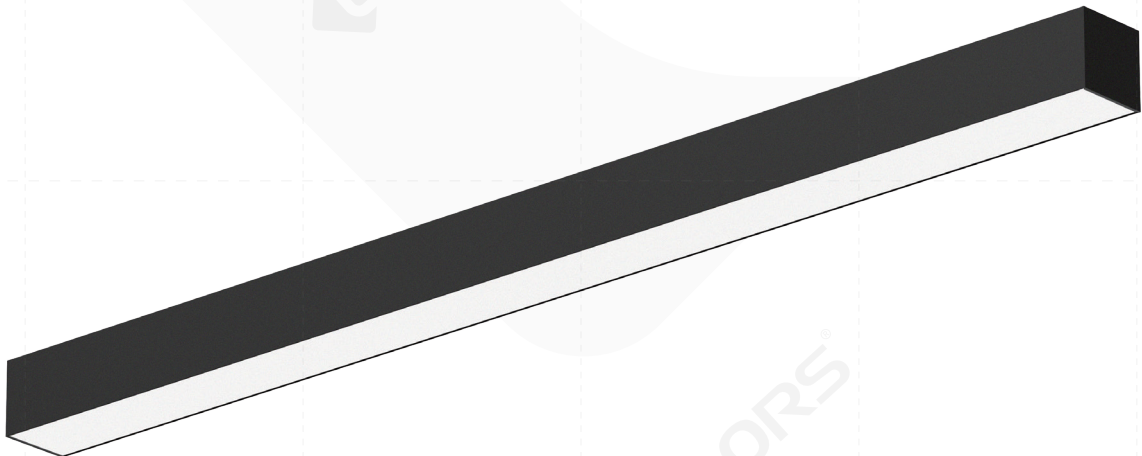
◎ Accessories Information

Picture	Name	Model
	Pendant cable	PN(E)-D

◎ Version Type

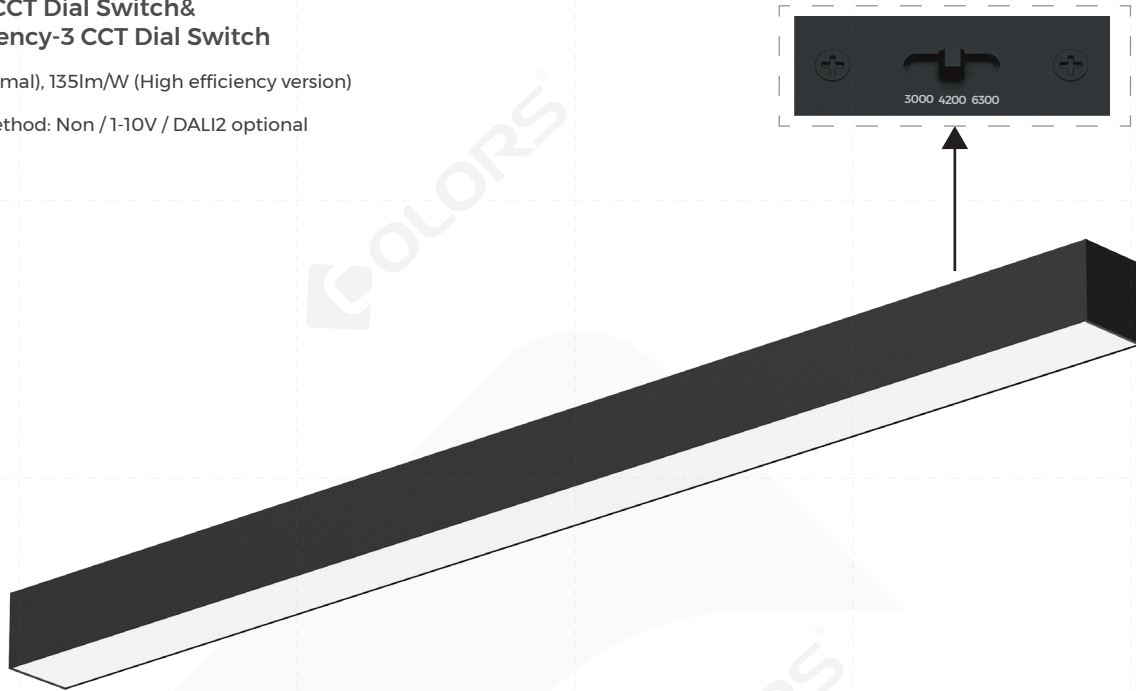
Normal&High Efficiency Version

- 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

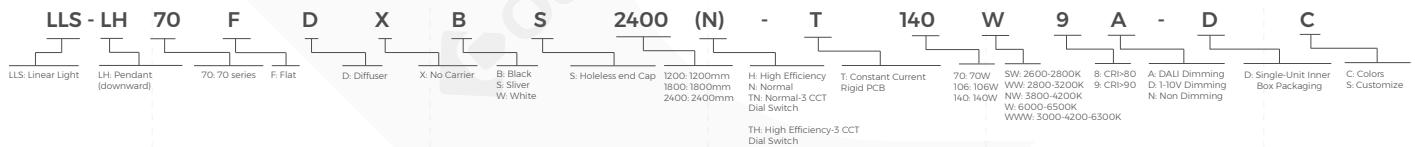
- 115lm/W (Normal), 135lm/W (High efficiency version)
- Dimming method: Non / 1-10V / DALI2 optional



◎ Packing

Model	Modes of packing	Quantity /box	Quantity /carton	GW /box(kg)	Carton (kg)	GW /carton(kg)	Size (mm/carton)
LLS-LH70FDXBS1200(N) -T70NW8N-DC	Bulk Packaging	1	4	2.09	0.89	9.25	1210*178*168 [47.6"*7.0"*6.6"]
LLS-LH70FDXBS1800(N) -T106NW8N-DC	Bulk Packaging	1	4	3.14	1.33	13.87	1805*178*168 [71.1"*7.0"*6.6"]
LLS-LH70FDXBS2400(N) -T140NW8N-DC	Bulk Packaging	1	4	4.18	1.78	18.50	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