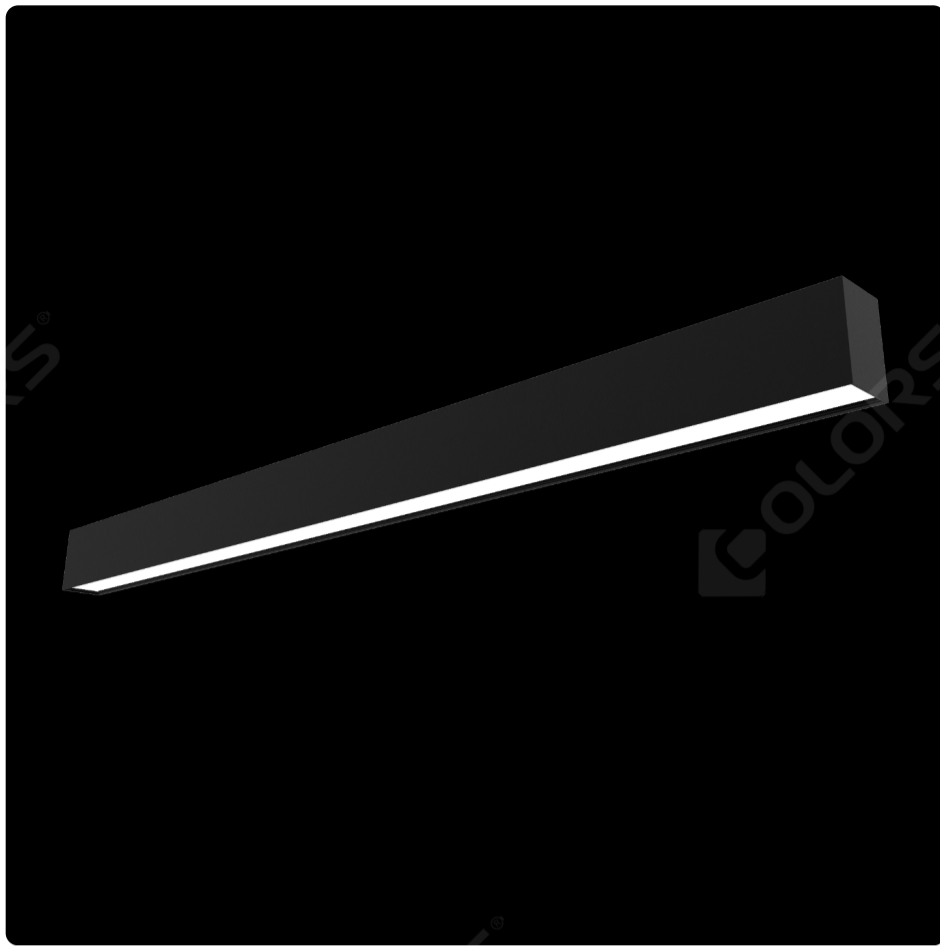


LINE60 Pendant-up&down

# LH60FD





# LH60FD

## Basic Parameters

Application	Indoor
Material	AL6063-T5,spraying surface
IP Grade	IP20
Warranty	5 years (Emergency model: 3 years)
Operating Temperature	-20°C-40°C

## Electrical Parameters

Power Efficiency	0.88
PF	0.9
Equipment Protection Class	IP20
Control	1-10V Dimming,DALI Dimming,Non-Dimming
Emergency Duration	≥3 hours
Luminaire Lifespan	50000H

## Optical Parameters

Version	Normal,High efficiency,3 CCT tunable (Dial switch),Emergency
LED Chip	2835
SDCM	≤3 Step(ANSI)
UGR(X=4H,Y=8H)	/
Length	1200mm,1800mm,2400mm
CRI	>80,>90
CCT	2700K,3000K,3500K,4000K,5000K,6500K,3000K-6500K
Luminous Efficacy	112LM/W(regular model/emergency model), 140LM/W(high efficiency model)

## Dimensions



## Luminaire Parameters

Version	Length(mm)	Power(W)	PCB Current(A)	CRI	CCT	Lumens(LM) @White, Sliver	Lumens(LM) @Black
Normal	1200mm	51W	1.3	>80	4000K	5712	4569
Normal	1800mm	78W	2	>80	4000K	8736	6988
Normal	2400mm	102W	2.7	>80	4000K	11424	9139
Normal	1200mm	51W	1.3	>90	4000K	4912	3929
Normal	1800mm	78W	2	>90	4000K	7512	6010
Normal	2400mm	102W	2.7	>90	4000K	9824	7859
High efficiency	1200mm	42W	1.15	>80	4000K	5880	4704
High efficiency	1800mm	63W	1.7	>80	4000K	8820	7056
High efficiency	2400mm	84W	2.3	>80	4000K	11760	9408
High efficiency	1200mm	42W	1.15	>90	4000K	5376	4300
High efficiency	1800mm	63W	1.7	>90	4000K	8064	6451
High efficiency	2400mm	84W	2.3	>90	4000K	10752	8601
3 CCT tunable(Dial switch)	1200mm	51W	1.3	>80	3000K-6500K	4947/5355/4947	3957/4284/3957
3 CCT tunable(Dial switch)	1800mm	78W	2	>80	3000K-6500K	7566/8190/7566	6052/6552/6052
3 CCT tunable(Dial switch)	2400mm	102W	2.7	>80	3000K-6500K	9894/10710/9894	7915/8568/7915
3 CCT tunable(Dial switch)	1200mm	51W	1.3	>90	3000K-6500K	4254/4605/4254	3403/3684/3403
3 CCT tunable(Dial switch)	1800mm	78W	2	>90	3000K-6500K	6506/7043/6506	5205/5634/5205

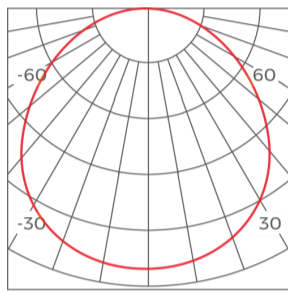
3 CCT tunable(Dial switch)	2400mm	102W	2.7	>90	3000K-6500K	8508/9210/8508	6807/7368/6807
Emergency	1200mm	51W	1.3	>80	4000K	5712	4569
Emergency	1200mm	51W	1.3	>90	4000K	4912	3929
Normal	1200mm	51W	1.3	>80	2700K	4855	3884
Normal	1800mm	78W	2	>80	2700K	7425	5940
Normal	2400mm	102W	2.7	>80	2700K	9710	7768
Normal	1200mm	51W	1.3	>90	2700K	4175	3340
Normal	1800mm	78W	2	>90	2700K	6386	5108
Normal	2400mm	102W	2.7	>90	2700K	8350	6680
High efficiency	1200mm	42W	1.15	>80	2700K	5586	4468
High efficiency	1800mm	63W	1.7	>80	2700K	8379	6703
High efficiency	2400mm	84W	2.3	>80	2700K	11172	8937
High efficiency	1200mm	42W	1.15	>90	2700K	5139	4111
High efficiency	1800mm	63W	1.7	>90	2700K	7708	6166
High efficiency	2400mm	84W	2.3	>90	2700K	10278	8222
Emergency	1200mm	51W	1.3	>80	2700K	4855	3884
Emergency	1200mm	51W	1.3	>90	2700K	4175	3340
Normal	1200mm	51W	1.3	>80	3000K	5140	4112
Normal	1800mm	78W	2	>80	3000K	7862	6289
Normal	2400mm	102W	2.7	>80	3000K	10281	8225
Normal	1200mm	51W	1.3	>90	3000K	4421	3536
Normal	1800mm	78W	2	>90	3000K	6761	5409
Normal	2400mm	102W	2.7	>90	3000K	8842	7073
High efficiency	1200mm	42W	1.15	>80	3000K	5880	4704
High efficiency	1800mm	63W	1.7	>80	3000K	8820	7056
High efficiency	2400mm	84W	2.3	>80	3000K	11760	9408
High efficiency	1200mm	42W	1.15	>90	3000K	5376	4300
High efficiency	1800mm	63W	1.7	>90	3000K	8064	6451
High efficiency	2400mm	84W	2.3	>90	3000K	10752	8601
Emergency	1200mm	51W	1.3	>80	3000K	5140	4112
Emergency	1200mm	51W	1.3	>90	3000K	4421	3536
Normal	1200mm	51W	1.3	>80	3500K	5540	4432
Normal	1800mm	78W	2	>80	3500K	8473	6779
Normal	2400mm	102W	2.7	>80	3500K	11081	8865
Normal	1200mm	51W	1.3	>90	3500K	4764	3811
Normal	1800mm	78W	2	>90	3500K	7287	5830
Normal	2400mm	102W	2.7	>90	3500K	9529	7623
Emergency	1200mm	51W	1.3	>80	3500K	5540	4432
Emergency	1200mm	51W	1.3	>90	3500K	4764	3811
Normal	1200mm	51W	1.3	>80	5000K	5712	4569
Normal	1800mm	78W	2	>80	5000K	8736	6988
Normal	2400mm	102W	2.7	>80	5000K	11424	9139
Normal	1200mm	51W	1.3	>90	5000K	4912	3929
Normal	1800mm	78W	2	>90	5000K	7512	6010
Normal	2400mm	102W	2.7	>90	5000K	9824	7859
Emergency	1200mm	51W	1.3	>80	5000K	5712	4569
Emergency	1200mm	51W	1.3	>90	5000K	4912	3929
Normal	1200mm	51W	1.3	>80	6500K	5712	4569
Normal	1800mm	78W	2	>80	6500K	8736	6988
Normal	2400mm	102W	2.7	>80	6500K	11424	9139
Normal	1200mm	51W	1.3	>90	6500K	4912	3929

Normal	1800mm	78W	2	>90	6500K	7512	6010
Normal	2400mm	102W	2.7	>90	6500K	9824	7859
High efficiency	1200mm	42W	1.15	>80	6500K	5880	4704
High efficiency	1800mm	63W	1.7	>80	6500K	8820	7056
High efficiency	2400mm	84W	2.3	>80	6500K	11760	9408
High efficiency	1200mm	42W	1.15	>90	6500K	5376	4300
High efficiency	1800mm	63W	1.7	>90	6500K	8064	6451
High efficiency	2400mm	84W	2.3	>90	6500K	10752	8601
Emergency	1200mm	51W	1.3	>80	6500K	5712	4569
Emergency	1200mm	51W	1.3	>90	6500K	4912	3929

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

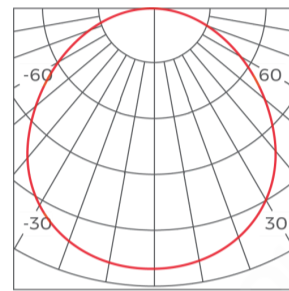
## Light Distribution

### Normal-100°



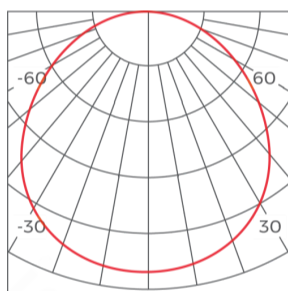
h(m)	D(cm)	E(lx)
1	241	1541
2	482	385
3	724	171
4	965	96

### High efficiency-100°



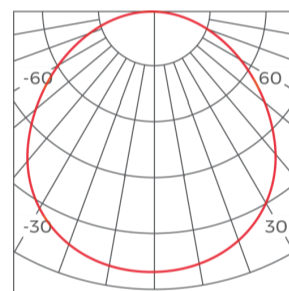
h(m)	D(cm)	E(lx)
1	241	1329
2	482	332
3	724	147
4	965	83

### Emergency-100°



h(m)	D(cm)	E(lx)
1	241	1541
2	482	385
3	724	171
4	965	96

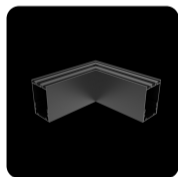
### 3 CCT tunable(Dial switch)-100°



h(m)	D(cm)	E(lx)
1	238	1457
2	476	364
3	715	161
4	953	91

## Common Accessories

### Standard Corner



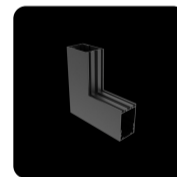
#### L90-LS60

Applicable product model: PR-S60  
 Installation method: L-shaped splicing  
 Material process: Al6063-T5/chromed  
 Light source: NO  
 Size: 200\*200\*85mm  
 Othes:Includes 2PCS EX-45(N) splicing accessories



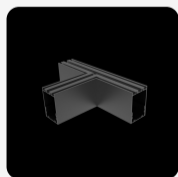
#### L90N-LS60

Applicable product model: PR-S60  
 Installation method: L-shaped splicing(inward)  
 Material process: Al6063-T5/chromed  
 Light source: NO  
 Size: 200\*200\*85mm  
 Othes:Includes 2PCS EX-45(N) splicing accessories



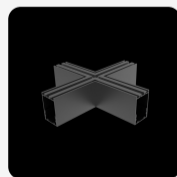
#### L90W-LS60

Applicable product model: PR-S60  
 Installation method: L-shaped splicing(outward)  
 Material process: Al6063-T5/chromed  
 Light source: NO  
 Size: 200\*200\*85mm  
 Othes:Includes 2PCS EX-45(N) splicing accessories



#### T90-LS60

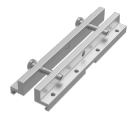
Applicable product model: PR-S60  
 Installation method: T-shaped splicing  
 Material process: Al6063-T5/chromed  
 Light source: NO  
 Size: 305\*188\*85mm  
 Othes:Includes 3PCS EX-45(N) splicing accessories



#### X90-LS60

Applicable product model: PR-S60  
 Installation method: X-shaped splicing  
 Material process: Al6063-T5/chromed  
 Light source: NO  
 Size: 350\*350\*85mm  
 Othes:Includes 4PCS EX-45(N) splicing accessories

## Splicing accessory



### EX-41

Applicable product model:BS3360/BS5470/BS7977/BH3360/BH5470/BH7977/LS60/LS40/LH60/LH40 Material process: / Size: 110\*15.5\*11.7mm Quantity: 1 PCS/ set



### EX-45(N)

Applicable product model:PR-S60/PR-LE60 Material process:SPCC Size: 135\*51.6\*51.5mm Quantity: 1 PCS/SET Other:Includes mounting screws.

## End cap accessory



### EC-LS60(N)

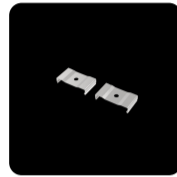
Applicable product model:PR-S60 Material process: aluminum/powder-coated black Size: / Quantity:2PCS/ set

## Installation accessory



### CL-06

Applicable product model:BS5470/LS5470(F)/LS60FD/LS60FP/LS60G/LS60BD/LS60HP/LS60LA/LS60LS/S60 Installation method: ceiling Material process: Iron zinc alloy/electroplating Size: 90.5\*54\*5.9mm Quantity: 2PCS/ set



### CP-16

Applicable product model:BH5470/BH7977/S60/LS60 Installation method: pendant Material process: SUS304 Size: 37\*7\*20mm Quantity: 2PCS/ set



### CP-30

Applicable product model:LS5470(F)/BS5470/LS60/PR-S60 Installation method: Ceiling Material process: SUS304 Size: 41.2\*20\*5.8mm Quantity: 4PCS/ set



### PG-IXXX

Applicable product model:LS1911C/LS1911K/LS3535/LS5050/LS3360/LS4067/LS5470(F)/LS7977/LT60/BH3360/BH5470/BH7977/BS3360/BS5470/BS7977/LS60/S60/LS25/LH40FD/LH40FP/LH40G/LS40FD/LS40FP/LS40G/LS40GW/M20FD/M20G(A)/M20G/M20I/M20S/R25FD/R25FP/R25G/R25KD/R25L/R35I/R35S/RNR30MJ/RNR30NJ/RNR30NK Installation method: pendant Material process:/ Maximum weight capacity: 8KG Quantity: 2PCS/ set Other:Pendant rod (1-2m adjustable), include 2pcs pendant rods, 2 pcs rectangular screw



### PN(E)-D

Applicable product model: LINE ECO series Installation method: Pendant Material process: Nickel plating Size: / Quantity: 2PCS/SET Other:2 meter wire rope 2PCS, cable locker 2PCS, cable holder 2PCS, M5 flat head Phillips screws 2PCS, M4\*35mm screws 2PCS, expansion tube 2PCS



### PN-DXX

Applicable product model: LS1911C/LS1911K/LS3535/LS5050/LS3360/LS4067/LS5470(F)/LS7977/LT60/BH3360/BH5470/BH7977/BS3360/BS5470/BS7977/LS5470(F)/LS7977/LT60/LINE40 series product/LINE60 series product/TLS-R6X0 track Installation method: Pendant Material process: Pearl Chrome Size:/ Quantity: 2PCS/ set Other:Junction box not included, 2 pcs pendant cable accessory, pendant cable length 4m, rectangular screw model.



### PY-DXXX

Applicable product model: LS1911C/LS1911K/LS3535/LS5050/LS3360/LS4067/LS5470(F)/LS7977/LT60/BH3360/BH5470/BH7977/BS3360/BS5470/BS7977/LS60/S60/LS5470(F)/LS7977/LT60/LH40FD/LH40FP/LH40G/LS40FD/LS40FP/LS40G/LS40GW Installation method: pendant Material process: Spraying surface Size: / Quantity: 1 set Other:Including junction box, 2PCS wire rope, wire rope 2M/4M length optional,1PCS 5PIN terminal,1PCS ceiling bottom plate, 2PCS screws

## Packing

Quantity /box	QTY/CTN	NW (kg/box)	N. WT (ctn)	G.WT (ctn)	Size (cm/carton)	Product Size (mm)
1	4	3.02	12.08	21.96	127.6*16.2*22	1196*56*85
1	4	4.48	17.92	32.64	187.2*16.2*22	1792*56*85
1	4	5.94	23.76	43.64	246.8*16.2*22	2388*56*85

## 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.