

LINE60 Pendant-up&down

# LH60FP





# LH60FP

## 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,3 CCT tunable(Dial switch),Emergency,High efficiency
LED Chip	2835
SDCM	≤3 Step(ANSI)
UGR(X=4H,Y=8H)	≤19
Length	1200mm,1800mm
CRI	>80,>90
CCT	2700K,3000K,3500K,4000K,5000K,6500K,3000K-6500K
Luminous Efficacy	92LM/W(regular model/emergency model)、130LM/W(high efficiency model)

## Dimensions



## Luminaire Parameters

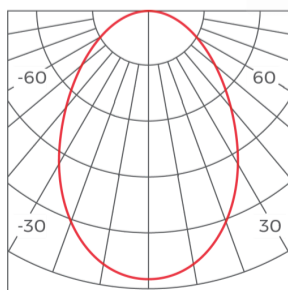
Version	Length(mm)	Power(W)	PCB Current(A)	CRI	CCT	Lumens(LM) @White, Silver	Lumens(LM) @Black
Normal	1200mm	40W	1	>80	4000K	3680	2944
Normal	1800mm	60W	1.5	>80	4000K	5520	4416
Normal	1200mm	40W	1	>90	4000K	3164	2531
Normal	1800mm	60W	1.5	>90	4000K	4747	3797
High efficiency	1200mm	40W	1	>80	4000K	5200	4160
High efficiency	1800mm	60W	1.5	>80	4000K	7800	6240
High efficiency	1200mm	40W	1	>90	4000K	4784	3827
High efficiency	1800mm	60W	1.5	>90	4000K	7176	5740
3 CCT tunable(Dial switch)	1200mm	40W	1	>80	3000K-6500K	3240/3480/3240	2592/2784/2592
3 CCT tunable(Dial switch)	1800mm	60W	1.5	>80	3000K-6500K	4860/5220/4860	3888/4176/3888
3 CCT tunable(Dial switch)	1200mm	40W	1	>90	3000K-6500K	2786/2992/2786	2229/2394/2229
3 CCT tunable(Dial switch)	1800mm	60W	1.5	>90	3000K-6500K	4179/4489/4179	3343/3591/3343
Emergency	1200mm	40W	1	>80	4000K	3680	2944
Emergency	1200mm	40W	1	>90	4000K	3164	2531
Normal	1200mm	40W	1	>80	2700K	3128	2502
Normal	1800mm	60W	1.5	>80	2700K	4692	3753
Normal	1200mm	40W	1	>90	2700K	2690	2152
Normal	1800mm	60W	1.5	>90	2700K	4035	3228

High efficiency	1200mm	40W	1	>80	2700K	4940	3952
High efficiency	1800mm	60W	1.5	>80	2700K	7410	5928
High efficiency	1200mm	40W	1	>90	2700K	4544	3635
High efficiency	1800mm	60W	1.5	>90	2700K	6817	5453
Emergency	1200mm	40W	1	>80	2700K	3128	2502
Emergency	1200mm	40W	1	>90	2700K	2690	2152
Normal	1200mm	40W	1	>80	3000K	3312	2649
Normal	1800mm	60W	1.5	>80	3000K	4968	3974
Normal	1200mm	40W	1	>90	3000K	2848	2278
Normal	1800mm	60W	1.5	>90	3000K	4272	3417
High efficiency	1200mm	40W	1	>80	3000K	5200	4160
High efficiency	1800mm	60W	1.5	>80	3000K	7800	6240
High efficiency	1200mm	40W	1	>90	3000K	4784	3827
High efficiency	1800mm	60W	1.5	>90	3000K	7176	5740
Emergency	1200mm	40W	1	>80	3000K	3312	2649
Emergency	1200mm	40W	1	>90	3000K	2848	2278
Normal	1200mm	40W	1	>80	3500K	3569	2855
Normal	1800mm	60W	1.5	>80	3500K	5354	4283
Normal	1200mm	40W	1	>90	3500K	3069	2455
Normal	1800mm	60W	1.5	>90	3500K	4604	3683
Emergency	1200mm	40W	1	>80	3500K	3569	2855
Emergency	1200mm	40W	1	>90	3500K	3069	2455
Normal	1200mm	40W	1	>80	5000K	3680	2944
Normal	1800mm	60W	1.5	>80	5000K	5520	4416
Normal	1200mm	40W	1	>90	5000K	3164	2531
Normal	1800mm	60W	1.5	>90	5000K	4747	3797
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High efficiency	1800mm	60W	1.5	>80	6500K	7800	6240
High efficiency	1200mm	40W	1	>90	6500K	4784	3827
High efficiency	1800mm	60W	1.5	>90	6500K	7176	5740
Emergency	1200mm	40W	1	>80	6500K	3680	2944
Emergency	1200mm	40W	1	>90	6500K	3164	2531

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;

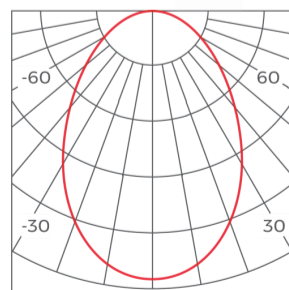
## Light Distribution

Normal-70°



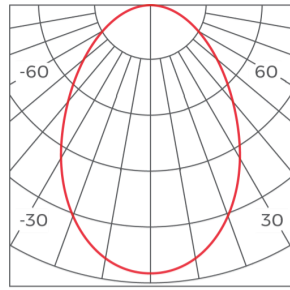
h(m)	D(cm)	E(lx)
1	128	1621
2	256	405
3	384	180
4	512	101

High efficiency-70°



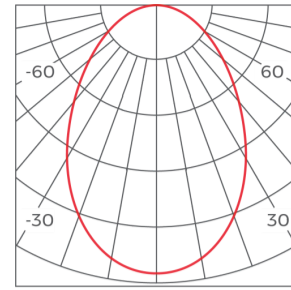
h(m)	D(cm)	E(lx)
1	139	2520
2	279	630
3	418	280
4	558	157

Emergency-70°



h(m)	D(cm)	E(lx)
1	128	1621
2	256	405
3	384	180
4	512	101

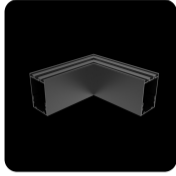
3 CCT tunable(Dial switch)-70°



h(m)	D(cm)	E(lx)
1	134	1478
2	269	369
3	404	164
4	539	92

Common Accessories

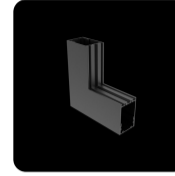
Standard Corner



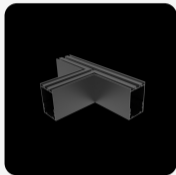
**L90-LS60**  
 Applicable product model: PR-S60  
 Installation method: L-shaped splicing  
 Material process: Al6063-T5/chromed  
 Light source: NO  
 Size: 200\*200\*85mm  
 Othes:Includes 2PCS EX-45(N) splicing accessories



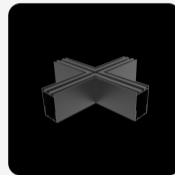
**L90N-LS60**  
 Applicable product model: PR-S60  
 Installation method: L-shaped splicing(inward)  
 Material process: Al6063-T5/chromed  
 Light source: NO  
 Size: 200\*200\*85mm  
 Othes:Includes 2PCS EX-45(N) splicing accessories



**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

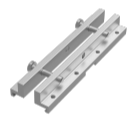


**T90-LS60**  
 Applicable product model: PR-S60  
 Installation method: T-shaped splicing  
 Material process: Al6063-T5/chromed  
 Light source: NO  
 Size: 305\*188\*85mm  
 Othes:Includes 3PCS EX-45(N) splicing accessories



**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

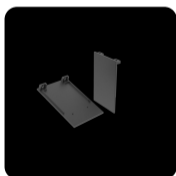


**EX-41**  
 Applicable product model:BS3360/BS5470/BS7977/BH3360/BH5470/BH7977/LS60/LS40/LH60/LH40 Material process: / Size: 110\*15.5\*11.7mm Quantity: 1 PCS/ set



**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



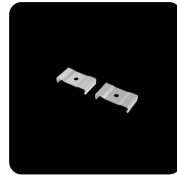
**EC-LS60(N)**  
 Applicable product model:PR-S60 Material process: aluminum/powder-coated black Size: / Quantity:2PCS/ set

## 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	2.92	11.68	21.36	127.6*16.2*22	1196*56*85
1	4	4.13	16.52	30.54	187.2*16.2*22	1792*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.