LINE40 Pendant-up&down

LH40FD

CE UK CA RoHS Reach Indoor
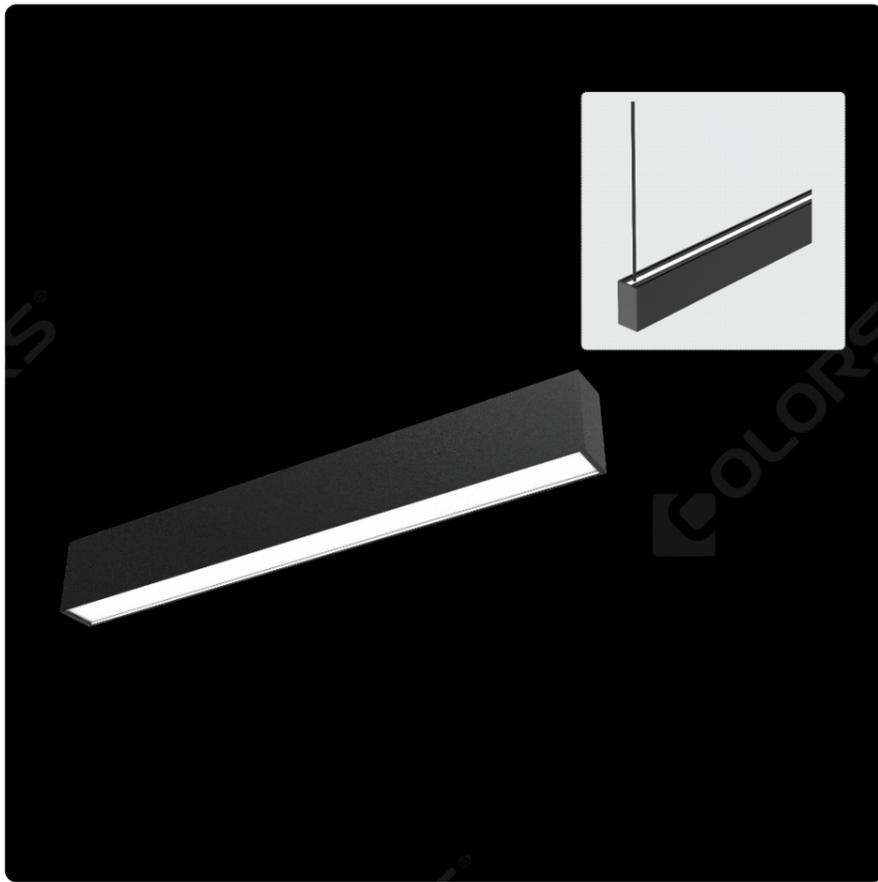
LH40FD

Basic Parameters

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

Electrical Parameters

Input Voltage	AC200-240V
Power Efficiency	0.88
PF	0.9
Equipment Protection Class	IP20
Control	Non-Dimming,1-10V Dimming,DALI 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,1500mm,1800mm,2400mm
CRI	>80,>90
CCT	2700K,3000K,3500K,4000K,5000K,6500K,3000K-6500K
Luminous Efficacy	100LM/W(CCT tunable)/110LM/W(Normal&Emergency)/ 140LM/W(High efficiency)

Dimensions

1197.5 / 1495.5 / 1793.5 / 2389.5mm
2.5mm
83mm
44.8mm

Luminaire Parameters

Version	Length(mm)	Power(W)	PCB Current(A)	CRI	CCT	Lumens(LM) @White, Sliver	Lumens(LM) @Black
Normal	1200mm	46W	1.2	>80	4000K	5060	4301
Normal	1500mm	59W	1.5	>80	4000K	6490	5516
Normal	1800mm	69W	1.8	>80	4000K	7590	6451
Normal	2400mm	91W	2.4	>80	4000K	10010	8508
Normal	1200mm	46W	1.2	>90	4000K	4351	3698
Normal	1500mm	59W	1.5	>90	4000K	5581	4744
Normal	1800mm	69W	1.8	>90	4000K	6527	5548
Normal	2400mm	91W	2.4	>90	4000K	8608	7317
High efficiency	1200mm	37W	1	>80	4000K	5180	4403
High efficiency	1500mm	46W	1.3	>80	4000K	6440	5474
High efficiency	1800mm	55W	1.5	>80	4000K	7700	6545
High efficiency	2400mm	74W	2	>80	4000K	10360	8806
High efficiency	1200mm	37W	1	>90	4000K	4765	4050
High efficiency	1500mm	46W	1.3	>90	4000K	5924	5036
High efficiency	1800mm	55W	1.5	>90	4000K	7084	6021
High efficiency	2400mm	74W	2	>90	4000K	9531	8101
3 CCT tunable(Dial switch)	1200mm	46W	1.2	>80	3000K-6500K	4324/4600/4416	3675/3910/3753

Type	Length	Power		CRI	CCT		
3 CCT tunable(Dial switch)	1500mm	59W	1.5	>80	3000K-6500K	5546/5900/5664	4714/5015/4814
3 CCT tunable(Dial switch)	1800mm	69W	1.8	>80	3000K-6500K	6486/6900/6624	5513/5865/5630
3 CCT tunable(Dial switch)	2400mm	91W	2.4	>80	3000K-6500K	8554/9100/8736	7270/7735/7425
3 CCT tunable(Dial switch)	1200mm	46W	1.2	>90	3000K-6500K	3718/3956/3797	3160/3362/3228
3 CCT tunable(Dial switch)	1500mm	59W	1.5	>90	3000K-6500K	4769/5074/4871	4054/4312/4140
3 CCT tunable(Dial switch)	1800mm	69W	1.8	>90	3000K-6500K	5577/5934/5696	4741/5043/4842
3 CCT tunable(Dial switch)	2400mm	91W	2.4	>90	3000K-6500K	7356/7826/7512	6252/6652/6386
Emergency	1200mm	46W	2.4	>80	4000K	5060	4301
Emergency	1200mm	46W	2.4	>90	4000K	4351	3698
Normal	1200mm	46W	1.2	>80	2700K	4301	3655
Normal	1500mm	59W	1.5	>80	2700K	5516	4689
Normal	1800mm	69W	1.8	>80	2700K	6451	5483
Normal	2400mm	91W	2.4	>80	2700K	8508	7232
Normal	1200mm	46W	1.2	>90	2700K	3693	3139
Normal	1500mm	59W	1.5	>90	2700K	4737	4027
Normal	1800mm	69W	1.8	>90	2700K	5540	4709
Normal	2400mm	91W	2.4	>90	2700K	7307	6211
High efficiency	1200mm	37W	1	>80	2700K	4921	4182
High efficiency	1500mm	46W	1.3	>80	2700K	6118	5200
High efficiency	1800mm	55W	1.5	>80	2700K	7315	6217
High efficiency	2400mm	74W	2	>80	2700K	9842	8365
High efficiency	1200mm	37W	1	>90	2700K	4558	3874
High efficiency	1500mm	46W	1.3	>90	2700K	5667	4817
High efficiency	1800mm	55W	1.5	>90	2700K	6776	5759
High efficiency	2400mm	74W	2	>90	2700K	9116	7749
Emergency	1200mm	46W	2.4	>80	2700K	4301	3655
Emergency	1200mm	46W	2.4	>90	2700K	3693	3139
Normal	1200mm	46W	1.2	>80	3000K	4554	3870
Normal	1500mm	59W	1.5	>80	3000K	5841	4964
Normal	1800mm	69W	1.8	>80	3000K	6831	5806
Normal	2400mm	91W	2.4	>80	3000K	9009	7657
Normal	1200mm	46W	1.2	>90	3000K	4048	3440
Normal	1500mm	59W	1.5	>90	3000K	5192	4413
Normal	1800mm	69W	1.8	>90	3000K	6072	5161
Normal	2400mm	91W	2.4	>90	3000K	8008	6806
High efficiency	1200mm	37W	1	>80	3000K	5180	4403
High efficiency	1500mm	46W	1.3	>80	3000K	6440	5474
High efficiency	1800mm	55W	1.5	>80	3000K	7700	6545
High efficiency	2400mm	74W	2	>80	3000K	10360	8806
High efficiency	1200mm	37W	1	>90	3000K	4765	4050
High efficiency	1500mm	46W	1.3	>90	3000K	5924	5036
High efficiency	1800mm	55W	1.5	>90	3000K	7084	6021
High efficiency	2400mm	74W	2	>90	3000K	9531	8101
Emergency	1200mm	46W	2.4	>80	3000K	4554	3870
Emergency	1200mm	46W	2.4	>90	3000K	4048	3440
Normal	1200mm	46W	1.2	>80	3500K	4908	4171
Normal	1500mm	59W	1.5	>80	3500K	6295	5351
Normal	1800mm	69W	1.8	>80	3500K	7362	6257

Normal	2400mm	91W	2.4	>80	3500K	9709	8253
Normal	1200mm	46W	1.2	>90	3500K	4199	3569
Normal	1500mm	59W	1.5	>90	3500K	5386	4578
Normal	1800mm	69W	1.8	>90	3500K	6299	5354
Normal	2400mm	91W	2.4	>90	3500K	8308	7062
Emergency	1200mm	46W	2.4	>80	3500K	4908	4171
Emergency	1200mm	46W	2.4	>90	3500K	4199	3569
Normal	1200mm	46W	1.2	>80	5000K	5060	4301
Normal	1500mm	59W	1.5	>80	5000K	6490	5516
Normal	1800mm	69W	1.8	>80	5000K	7590	6451
Normal	2400mm	91W	2.4	>80	5000K	10010	8508
Normal	1200mm	46W	1.2	>90	5000K	4351	3698
Normal	1500mm	59W	1.5	>90	5000K	5581	4744
Normal	1800mm	69W	1.8	>90	5000K	6527	5548
Normal	2400mm	91W	2.4	>90	5000K	8608	7317
Emergency	1200mm	46W	2.4	>80	5000K	5060	4301
Emergency	1200mm	46W	2.4	>90	5000K	4351	3698
Normal	1200mm	46W	1.2	>80	6500K	5060	4301
Normal	1500mm	59W	1.5	>80	6500K	6490	5516
Normal	1800mm	69W	1.8	>80	6500K	7590	6451
Normal	2400mm	91W	2.4	>80	6500K	10010	8508
Normal	1200mm	46W	1.2	>90	6500K	4351	3698
Normal	1500mm	59W	1.5	>90	6500K	5581	4744
Normal	1800mm	69W	1.8	>90	6500K	6527	5548
Normal	2400mm	91W	2.4	>90	6500K	8608	7317
High efficiency	1200mm	37W	1	>80	6500K	5180	4403
High efficiency	1500mm	46W	1.3	>80	6500K	6440	5474
High efficiency	1800mm	55W	1.5	>80	6500K	7700	6545
High efficiency	2400mm	74W	2	>80	6500K	10360	8806
High efficiency	1200mm	37W	1	>90	6500K	4765	4050
High efficiency	1500mm	46W	1.3	>90	6500K	5924	5036
High efficiency	1800mm	55W	1.5	>90	6500K	7084	6021
High efficiency	2400mm	74W	2	>90	6500K	9531	8101
Emergency	1200mm	46W	2.4	>80	6500K	5060	4301
Emergency	1200mm	46W	2.4	>90	6500K	4351	3698

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%;
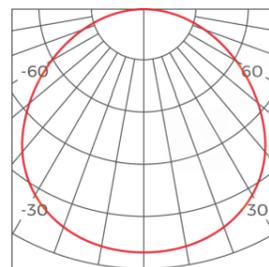
3. The output data is typical value;

Light Distribution

Normal-110°
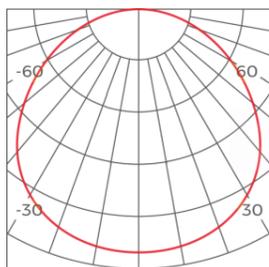
h(m)	D(cm)	E(lx)
1	287	1380
2	574	345
3	861	153
4	1148	86

High efficiency-110°

h(m)	D(cm)	E(lx)
1	280	1320
2	561	330
3	842	145
4	1123	81

Emergency-110°

h(m)	D(cm)	E(lx)
1	287	1380
2	574	345
3	861	153
4	1148	86

3 CCT tunable(Dial switch)-110°
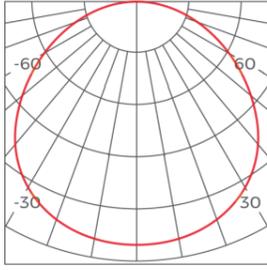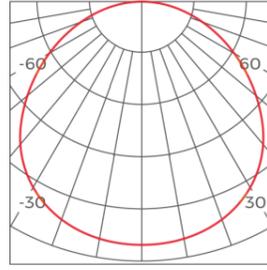
h(m)	D(cm)	E(lx)
1	287	1207
2	574	301
3	863	134
4	1150	75

Common Accessories

Standard Corner

L120-LS40

Applicable product model: LS40 Installation method: L-shaped 120° splicing Material process: Al6063-T5/spraying Diffuser Nature:Cover Light source: NO Size: L200*W195.6*H83.0mm [Inch size:L7.87''*W7.70''*H3.27''] Others:Including 2PCS EX-46 splicing bars

L60-LS40

Applicable product model: LS40 Installation method: L-shaped 60° splicing Material process: Al6063-T5/spraying Diffuser Nature:Cover Light source: NO Size: L200*W173.2*H83.0mm [Inch size:L7.87''*W6.82''*H3.27''] Others:Including 2PCS EX-46 splicing bars

L90-LS40

Applicable product model: LS40 Installation method: L-shaped 90° splicing Material process: Al6063-T5/spraying Diffuser Nature:Cover Light source: NO Size: L200*W200*H83.0mm [Inch size:L7.87''*W7.87''*H3.27''] Others:Including 2PCS EX-46 splicing bars

X90-LS40

Applicable product model: LS40 Installation method: X-shaped 90° splicing Material process: Al6063-T5/spraying Diffuser Nature:Cover Light source: NO Size: L400*W400*H83.0mm [Inch size:L15.75''*W15.75''*H3.27''] Others:Including 4PCS EX-46 splicing bars

Y120-LS40

Applicable product model: LS40 Installation method: Y-shaped 120° splicing Material process: Al6063-T5/spraying Diffuser Nature:Cover Light source: NO Size: L368.8*W319.4*H83.0mm [Inch size:L14.52''*W12.57''*H3.27''] Others:Including 3PCS EX-46 splicing bars

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

Installation accessory

CL-08

Applicable product model:LS4067/LS40FD/LS40G/LS40GW Installation method: ceiling Material process: Iron zinc alloy/electroplating Size: 72*54*5.9mm Quantity: 2PCS/ set

CP-44

Applicable product model: LS40/LH40 Installation method:Pendant Material process: stainless steel Size: 31.6*20*7.0mm Quantity: 2PCS/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

Size (mm/box)	Quantity /box	QTY/CTN	NW (kg/box)	N. WT (ctn)	G.WT (ctn)	Size (cm/carton)	Product Size (mm)
1252*61*98	1	4	2.54	10.16	11.52	127.2*14.2*21.6	1200
1550*61*98	1	4	3.08	12.32	13.95	157*14.2*21.6	1500
1848*61*98	1	4	3.61	14.44	16.37	186.8*14.2*21.6	1800
2444*61*98	1	4	4.68	18.72	21.23	246.4*14.2*21.6	2400

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℃ rise or drop will make diffuser extend or shrink 0.8mm/m, please confirm before processing and use.