

Luminaire Specification

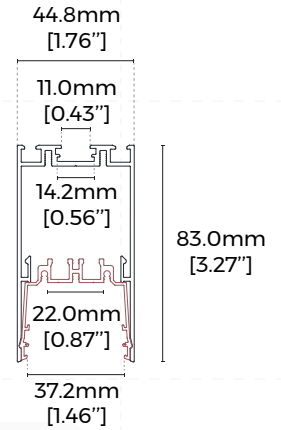
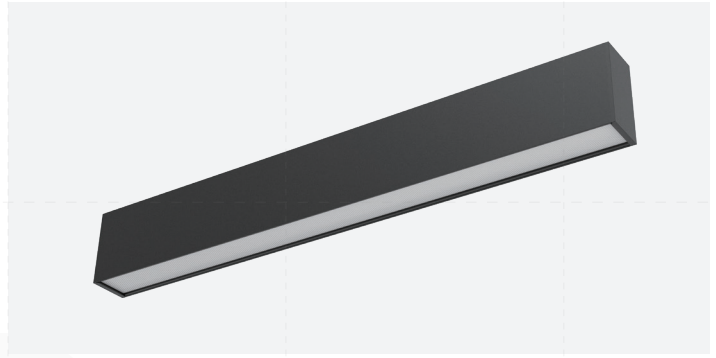
LH40FP

— LINE 40 series



【Basic Parameters】

- Material: AL6063-T5, spraying surface
- Coating: Black (RAL9005), White (RAL9003), Champagne Gold, Rose Gold, Matt Green(RAL6019), Matt Orange(RAL2008), Matt Yellow(RAL1004), Matt Blue(RAL5012)
- Length: 1200mm/1500mm /1800mm optional
- IP grade: IP20
- CCT: 2700/3000/3500/4000/5000/6500/3000-6500K optional
- CRI: 80/90
- SDCM: <3 Step (ANSI)
- Beam angle: 65°x70°
- Light efficiency: 90(CCT tunable) / 100(Normal&Emergency) / 120(High efficiency) lm/W
- Input voltage: AC200-240V
- Lighting direction: upward&downward
- Dimming method: Non / 1-10V / DALI+push optional
- Application: Indoor
- Certification: CE, UKCA, ROHS, Reach
- Warranty: 5 years(Emergency power version:3 years)



【Luminaire Parameters】

| Version | Model | Length | Input Voltage (V) | Max. Current (A) | Type Power (W) | Max. Power (W) | Beam Angle (°) | CRI | CCT | Lumen (LM) |
|----------------------|--------|--------------------|-------------------|--------------------|--------------------|---------------------|----------------|-----|-------|--------------------|
| Normal/ Emergency | LH40FP | 1200mm [3.94ft] | 200-240 VAC | 0.19 [0.05A/ft] | 39.0 [9.90W/ft] | 42.9 [10.89W/ft] | >80 | >80 | 2700K | 3625 [920LM/ft] |
| | | | | | | | | | 3000K | 3705 [940LM/ft] |
| | | | | | | | | | 3500K | 3785 [960LM/ft] |
| | | | | | | | | | 4000K | 3900 [990LM/ft] |
| | | | | | | | | | 5000K | 3900 [990LM/ft] |
| | | | | | | | | | 6500K | 3900 [990LM/ft] |
| | | | | | | | >90 | | 2700K | 3120 [790LM/ft] |
| | | | | | | | | | 3000K | 3185 [810LM/ft] |
| | | | | | | | | | 3500K | 3255 [825LM/ft] |
| | | | | | | | | | 4000K | 3355 [850LM/ft] |
| | | | | | | | | | 5000K | 3355 [850LM/ft] |
| | | | | | | | | | 6500K | 3355 [850LM/ft] |

| | | | | | | | | | | | |
|-----------------|--------|--------------------|---------------------|--------------------|---------------------|---------------------|---------|--|-----|-------|---------------------|
| Normal | LH40FP | 1500mm [4.92ft] | | 0.22 [0.05A/ft] | 46.0 [9.35W/ft] | 50.6 [10.29W/ft] | 65°x70° | | >80 | 2700K | 4280 [870LM/ft] |
| | | | | | | | | | | 3000K | 4370 [890LM/ft] |
| | | | | | | | | | | 3500K | 4460 [905LM/ft] |
| | | | | | | | | | | 4000K | 4600 [935LM/ft] |
| | | | | | | | | | | 5000K | 4600 [935LM/ft] |
| | | | | | | | | | | 6500K | 4600 [935LM/ft] |
| | | >90 | 2700K | 3680 [750LM/ft] | | | | | | | |
| | | 3000K | 3760 [765LM/ft] | | | | | | | | |
| | | 3500K | 3835 [780LM/ft] | | | | | | | | |
| | | 4000K | 3955 [805LM/ft] | | | | | | | | |
| | | 5000K | 3955 [805LM/ft] | | | | | | | | |
| | | 6500K | 3955 [805LM/ft] | | | | | | | | |
| High efficiency | LH40FP | 1800mm [5.91ft] | 200-240 VAC | 0.29 [0.05A/ft] | 60.0 [10.15W/ft] | 66.0 [11.17W/ft] | 65°x70° | | >80 | 2700K | 5580 [945LM/ft] |
| | | | | | | | | | | 3000K | 5700 [965LM/ft] |
| | | | | | | | | | | 3500K | 5820 [985LM/ft] |
| | | | | | | | | | | 4000K | 6000 [1015LM/ft] |
| | | | | | | | | | | 5000K | 6000 [1015LM/ft] |
| | | | | | | | | | | 6500K | 6000 [1015LM/ft] |
| | | >90 | 2700K | 4800 [810LM/ft] | | | | | | | |
| | | 3000K | 4900 [830LM/ft] | | | | | | | | |
| | | 3500K | 5005 [845LM/ft] | | | | | | | | |
| | | 4000K | 5160 [875LM/ft] | | | | | | | | |
| | | 5000K | 5160 [875LM/ft] | | | | | | | | |
| | | 6500K | 5160 [875LM/ft] | | | | | | | | |
| High efficiency | LH40FP | 1200mm [3.94ft] | | 0.19 [0.05A/ft] | 39.0 [9.90W/ft] | 42.9 [10.89W/ft] | 65°x70° | | >80 | 2700K | 4350 [1105LM/ft] |
| | | | | | | | | | | 3000K | 4445 [1130LM/ft] |
| | | | | | | | | | | 4000K | 4680 [1190LM/ft] |
| | | | | | | | | | | 6500K | 4680 [1190LM/ft] |
| | | >90 | 2700K | 3745 [950LM/ft] | | | | | | | |
| | | 3000K | 3825 [970LM/ft] | | | | | | | | |
| | | 4000K | 4025 [1020LM/ft] | | | | | | | | |
| | | 6500K | 4025 [1020LM/ft] | | | | | | | | |

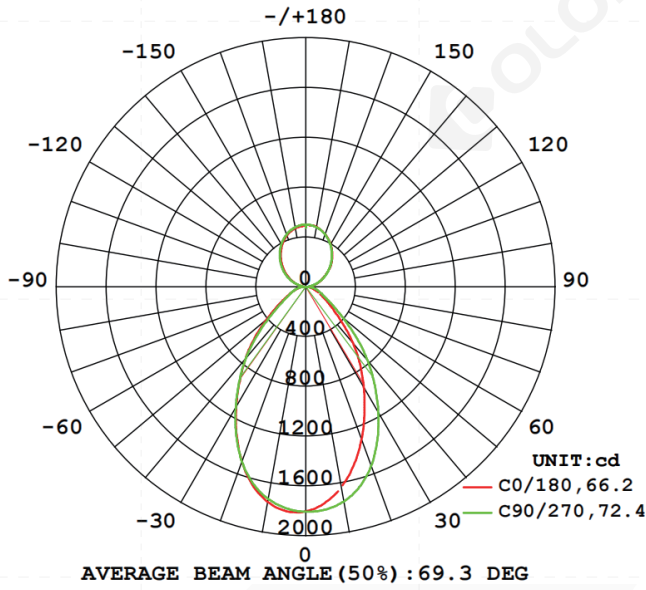
| | | | | | | | | | | |
|----------------------------|------------------------------|-----------------------------|----------------|---------|--------------------|--------------------|---------------------|------------------------------|-----------------------------|------------------------------|
| High efficiency | LH40FP | 1500mm [4.92ft] | 200-240 VAC | 65°x70° | 0.22 [0.05A/ft] | 46.0 [9.35W/ft] | 50.6 [10.29W/ft] | 2700K 5135 [1045LM/ft] | >80 | 3000K 5245 [1065LM/ft] |
| | | | | | | | | | >80 | 4000K 5520 [1120LM/ft] |
| | | | | | | | | | >80 | 6500K 5520 [1120LM/ft] |
| | | | | | | | | | >90 | 2700K 4415 [895LM/ft] |
| | | >90 | | | | | | | 3000K 4510 [915LM/ft] | |
| | | >90 | | | | | | | 4000K 4745 [965LM/ft] | |
| | | >90 | | | | | | | 6500K 4745 [965LM/ft] | |
| | | 1800mm [5.91ft] | | | | | | | >80 | 2700K 6695 [1135LM/ft] |
| >80 | 3000K 6840 [1155LM/ft] | | | | | | | | | |
| >80 | 4000K 7200 [1220LM/ft] | | | | | | | | | |
| >80 | 6500K 7200 [1220LM/ft] | | | | | | | | | |
| Dial switch CCT tunable | LH40FP | 1200mm [3.94ft] | 200-240 VAC | 65°x70° | 0.19 [0.05A/ft] | 39.0 [9.90W/ft] | 42.9 [10.89W/ft] | 3000K 3430 [870LM/ft] | >80 | 4500K 3665 [930LM/ft] |
| | | | | | | | | | >80 | 6500K 3510 [890LM/ft] |
| | | | | | | | | | >90 | 3000K 2950 [750LM/ft] |
| | | | | | | | | | >90 | 4500K 3155 [800LM/ft] |
| | | >90 | | | | | | | 6500K 3020 [765LM/ft] | |
| | | 1500mm [4.92ft] | | | | | | | >80 | 3000K 4050 [825LM/ft] |
| | | | | | | | | | >80 | 4500K 4325 [880LM/ft] |
| | | | | | | | | | >80 | 6500K 4140 [840LM/ft] |
| >90 | 3000K 3480 [710LM/ft] | | | | | | | | | |
| >90 | 4500K 3720 [755LM/ft] | | | | | | | | | |
| >90 | 6500K 3560 [725LM/ft] | | | | | | | | | |
| 1800mm [5.91ft] | >80 | 3000K 5280 [895LM/ft] | | | | | | | | |
| | >80 | 4500K 5640 [955LM/ft] | | | | | | | | |
| | >80 | 6500K 5400 [915LM/ft] | | | | | | | | |
| | >90 | 3000K 4540 [770LM/ft] | | | | | | | | |
| >90 | 4500K 4850 [820LM/ft] | | | | | | | | | |
| >90 | 6500K 4645 [785LM/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 84% of white luminaire.

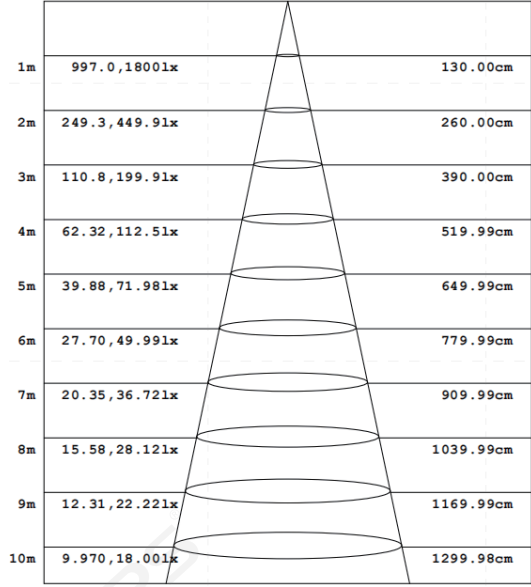
[Optical Parameter]

[Normal/Emergency]



Luminous intensity distribution diagram

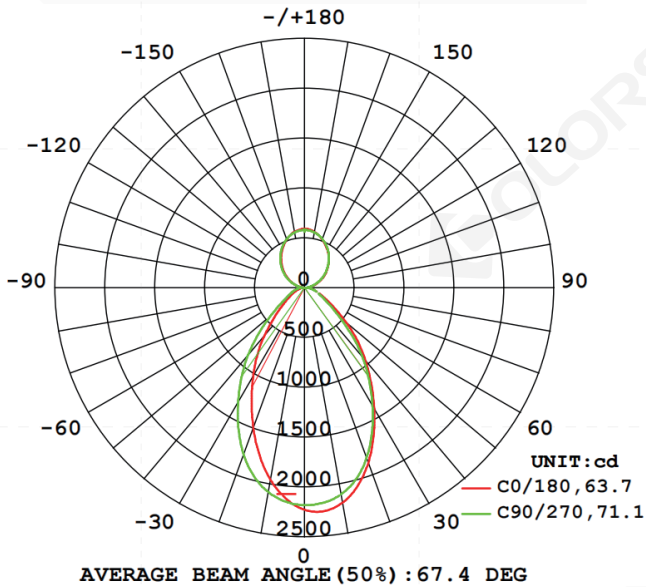
Flux out: 1425 lm



Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

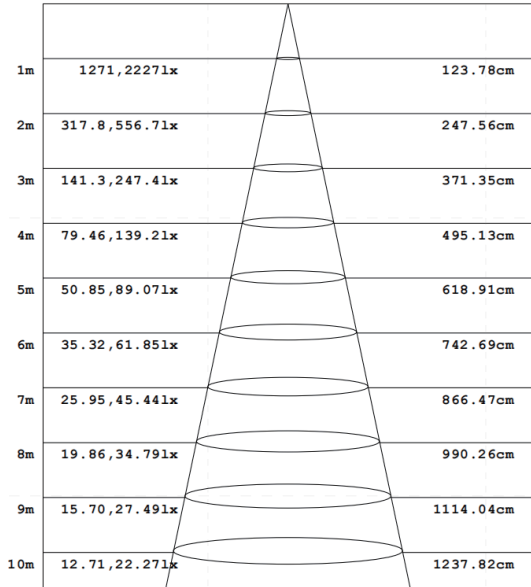
AAI Figure

[High efficiency]



Luminous intensity distribution diagram

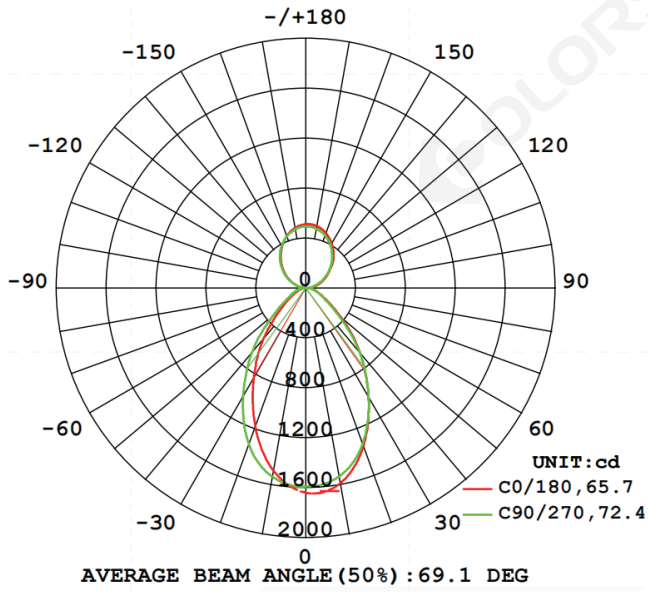
Flux out: 1560 lm



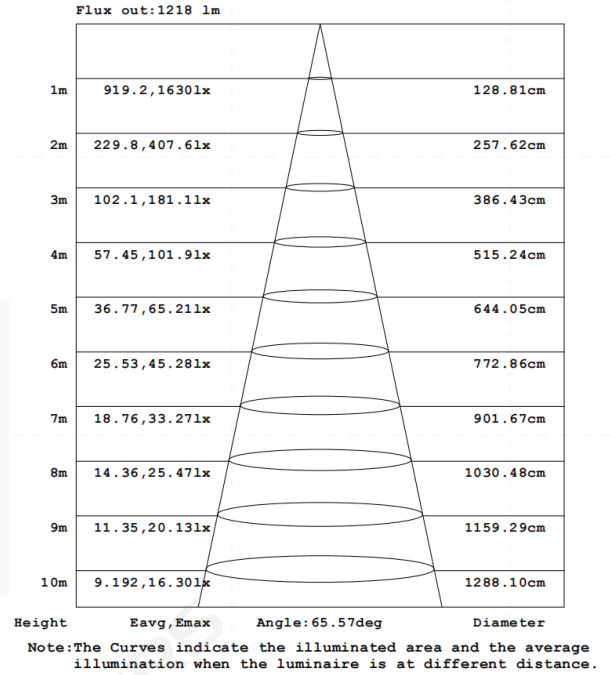
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

AAI Figure

[Dial switch CCT tunable]

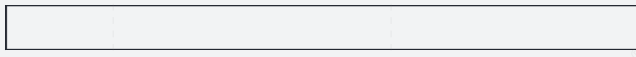


Luminous intensity distribution diagram

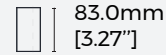


AAI Figure

[Product mechanical data]



1199.5mm
[47.22"]



44.8mm
[1.76"]



1497.5mm
[58.96"]



1795.5mm
[70.69"]

Note: Luminaires length shown above indicates the length of profile + thickness of 2 end caps, where each end cap is 3.5mm thick, 2 end caps is 7mm thick in total.

[Product Accessories Information]

| Picture | Section size | Name | Description | Model | Note |
|---------|--------------|-----------------------------------|---|-----------|----------------------------------|
| | | Splicing bar (external) | Size:L110*W15.5*H11.7mm [Inch size:L4.33"*W0.61"*H0.46"] | EX-41 | Splicing accessories |
| | | Splicing bar (internal) | Material:SPCC Size:L135*W41.4*H42.2mm [Inch size:L5.31"*W1.63"*H1.66"] | EX-46(N) | |
| | / | Pendant cable (with junction box) | Junction box L80*W80*H30mm [Inch Size:L3.15"*W3.15"*H1.18"] Steel cable D1.5*2000/4000mm [Inch Size: D0.06"*78.74"/157.48"] | PY-D | Pendant installation accessories |
| | / | Pendant cable | Steel cable D1.5*2000/4000mm [Inch Size: D0.06"*78.74"/157.48"] | PN-D | |
| | | Track pendant rod | Material:Fe Size:φ13.5*(500/1000)mm [Inch size:φ0.53*(19.69"/39.37")] Other:0.5-1.0/1.0-2.0M adjustable [19.69"-39.37"/39.37"-78.74"] | PG-I | |
| | | Pendant installation clip | Material:Stainless steel Size:L31.6*W20mm*H5.8mm [Inch size:L1.24"*H0.79"*H0.23"] | CP-44 | |
| | | L-shaped corner (60°) | Material:AL6063-T5 Size:L200*W173.2*H83.0mm [Inch size:L7.87"*W6.82"*H3.27"] | L60-LS40 | Pendant standard corner |
| | | L-shaped corner (90°) | Material:AL6063-T5 Size:L200*W200*H83.0mm [Inch size:L7.87"*W7.87"*H3.27"] | L90-LS40 | |
| | | L-shaped corner (120°) | Material:AL6063-T5 Size:L200*W195.6*H83.0mm [Inch size:L7.87"*W7.70"*H3.27"] | L120-LS40 | |
| | | Y-shaped corner | Material:AL6063-T5 Size:L368.8*W319.4*H83.0mm [Inch size:L14.52"*W12.57"*H3.27"] | Y120-LS40 | |
| | | X-shaped corner | Material:AL6063-T5 Size:L400*W400*H83.0mm [Inch size:L15.75"*W15.75"*H3.27"] | X90-LS40 | |

【Version Type】

【Normal&High efficiency】

- 100lm/W (Normal),120lm/W (High efficiency version)
- Dimming method: Non / 1-10V / DALI+push



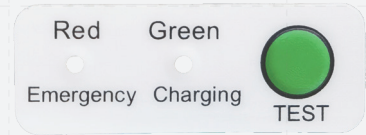
【Dial switch CCT control】

- Dimming method: Non/ 1-10V/ DALI+push optional
- 3000K/4500K/6500K 3-tier CCT adjustable, can achieve general lighting demands



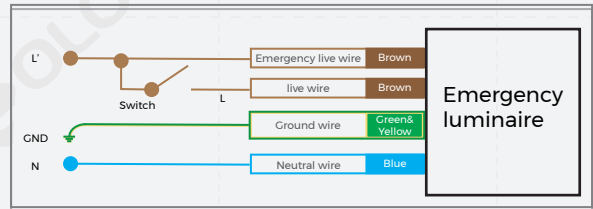
[Emergency model]

· Dimming method: Non / 1-10V / DALI+push optional



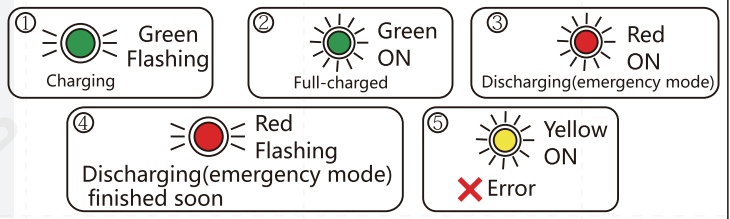
· Technical parameters:

- Input voltage: 220-240VAC/50-60Hz
- Input current/power: 50mA/4W
- Charging time: 24 hours
- Power(emergency mode): 4W constant power output
- Battery capacity: 7.4V 2500mAh
- Emergency time: ≥3 hours
- Emergency light efficiency: ≥100LM/W



Indicator light introduction

- ① Green/flashing: Charging
- ② Green/on: Full-charged
- ③ Red/on: Discharging(emergency mode)
- ④ Red/flashing: Discharging(emergency mode) finished soon
- ⑤ Yellow/on: Error



Test switch introduction

Press the test switch to confirm whether the emergency function is normal



[Packing]

| Model | Size (mm/box) | Quantity /box | Quantity /carton | NW (kg) | NW /carton/(kg) | GW (kg) | Size (mm/carton) |
|-------------------------------------|------------------------------------|------------------|---------------------|------------|--------------------|------------|--------------------------------------|
| LLS-LH40FPFBS1200(N)- T39NW8N-DC | 1252*61*98 [49.29**2.40**3.86"] | 1 | 4 | 2.54 | 10.16 | 11.52 | 1272*142*216 [50.08**5.59**8.50"] |
| LLS-LH40FPFBS1500(N)- T46NW8N-DC | 1550*61*98 [61.02**2.40**3.86"] | 1 | 4 | 3.08 | 12.32 | 13.95 | 1570*142*216 [61.81**5.59**8.50"] |
| LLS-LH40FPFBS1800(N)- T60NW8N-DC | 1848*61*98 [72.76**2.40**3.86"] | 1 | 4 | 3.61 | 14.44 | 16.37 | 1868*142*216 [73.54**5.59**8.50"] |

[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. Do not use any acid or alkaline adhesive to fix products.
4. The product is only suitable for indoor dry places, can not be used in outdoor, seaside or wet environment.
5. PC features: Each 10°C rise or drop will make diffuser extend or shrink 0.8mm/m, please confirm before processing and use.