

Luminaire Specification

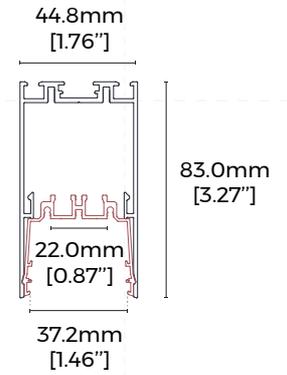
LS40G

— 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 /1700mm/2300mm optional
- IP grade: IP20
- CCT: 2700/3000/3500/4000/5000/6500/2700-6500K optional
- CRI: 80/90
- SDCM: <3 Step (ANSI)
- Beam angle: 18°/30°/45°
- U G R: UGR≤10(X=4H,Y=8H) (18°/30°), UGR≤19(X=4H,Y=8H)(45°)
- Light efficiency: 60(18°) /80(30°/ 45°)(CCT tunable) lm/W、80(18°) /100(30°/ 45°)(Normal&Emergency) lm/W
- Input voltage: AC200-240V
- Lighting direction: 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 | LS40C | 1200mm [3.94ft] | 200-240 VAC | 0.15 [0.04A/ft] | 30.0 [7.61W/ft] | 33.0 [8.38W/ft] | 30°/45° | >80 | 2700K | 2790 [710LM/ft] | |
| | | | | | | | | | 3000K | 2850 [725LM/ft] | |
| | | | | | | | | | 3500K | 2910 [740LM/ft] | |
| | | | | | | | | | 4000K | 3000 [760LM/ft] | |
| | | | | | | | | | 5000K | 3000 [760LM/ft] | |
| | | | | | | | | | 6500K | 3000 [760LM/ft] | |
| | | | | | | | | | >90 | 2700K | 2400 [610LM/ft] |
| | | | | | | | | | | 3000K | 2450 [620LM/ft] |
| 3500K | 2505 [635LM/ft] | | | | | | | | | | |
| 4000K | 2580 [655LM/ft] | | | | | | | | | | |

| | | | | | | | | | | |
|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|-------|--------------------|--------------------|
| Normal | LS40G | 1500mm [4.92ft] | | 0.21 [0.04A/ft] | 40.0 [8.13W/ft] | 44.0 [8.94W/ft] | 30°/45° | >80 | 2700K | 3720 [755LM/ft] |
| | | | | | | | | | 3000K | 3800 [770LM/ft] |
| | | | | | | | | | 3500K | 3880 [790LM/ft] |
| | | | | | | | | | 4000K | 4000 [815LM/ft] |
| | | | | | | | | | 5000K | 4000 [815LM/ft] |
| | | | | | | | | | 6500K | 4000 [815LM/ft] |
| | >90 | 2700K | 3200 [650LM/ft] | | | | | | | |
| | | 3000K | 3270 [665LM/ft] | | | | | | | |
| | | 3500K | 3335 [680LM/ft] | | | | | | | |
| | | 4000K | 3440 [700LM/ft] | | | | | | | |
| | 1700mm [5.58ft] | 200-240 VAC | 0.23 [0.04A/ft] | 44.0 [7.89W/ft] | 48.4 [8.67W/ft] | >80 | | 2700K | 4090 [735LM/ft] | |
| | | | | | | | | 3000K | 4180 [750LM/ft] | |
| | | | | | | | | 3500K | 4270 [765LM/ft] | |
| | | | | | | | | 4000K | 4400 [790LM/ft] | |
| | | | | | | | | 5000K | 4400 [790LM/ft] | |
| | | | | | | | | 6500K | 4400 [790LM/ft] | |
| | >90 | 2700K | 3520 [630LM/ft] | | | | | | | |
| | | 3000K | 3595 [645LM/ft] | | | | | | | |
| 3500K | | 3670 [660LM/ft] | | | | | | | | |
| 4000K | | 3785 [680LM/ft] | | | | | | | | |
| 2300mm [7.55ft] | | 0.31 [0.04A/ft] | 60.0 [7.95W/ft] | 66.0 [8.74W/ft] | >80 | 2700K | 5580 [740LM/ft] | | | |
| | | | | | | 3000K | 5700 [755LM/ft] | | | |
| | | | | | | 3500K | 5820 [770LM/ft] | | | |
| | | | | | | 4000K | 6000 [795LM/ft] | | | |
| | | | | | | 5000K | 6000 [795LM/ft] | | | |
| | | | | | | 6500K | 6000 [795LM/ft] | | | |
| >90 | 2700K | 4800 [635LM/ft] | | | | | | | | |
| | 3000K | 4900 [650LM/ft] | | | | | | | | |
| | 3500K | 5005 [665LM/ft] | | | | | | | | |
| | 4000K | 5160 [685LM/ft] | | | | | | | | |

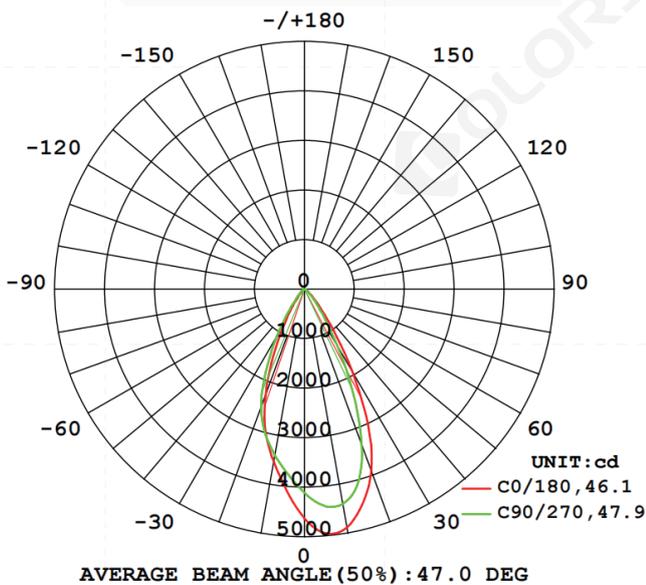
| | | | | | | | | | |
|----------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|----------------|-------|--------------------|
| Dial switch CCT tunable | LS40C | 1200mm [3.94ft] | 200-240 VAC | 0.16 [0.04A/ft] | 30.0 [7.61W/ft] | 33.0 [8.38W/ft] | 30°/45° >90 | 2700K | 2010 [510LM/ft] |
| | | | | 4000K | 2400 [610LM/ft] | | | | |
| | | | | 6500K | 2190 [555LM/ft] | | | | |
| | | | | 2700K | 2680 [545LM/ft] | | | | |
| | | 1500mm [4.92ft] | | 0.21 [0.04A/ft] | 40.0 [8.13W/ft] | 44.4 [8.94W/ft] | | 4000K | 3200 [650LM/ft] |
| | | | | 6500K | 2920 [595LM/ft] | | | | |
| | | | | 2700K | 2950 [530LM/ft] | | | | |
| | | | | 4000K | 3520 [630LM/ft] | | | | |
| | | 1700mm [5.58ft] | | 0.23 [0.04A/ft] | 44.0 [7.45W/ft] | 48.4 [8.19W/ft] | | 6500K | 3210 [575LM/ft] |
| | | | | 2700K | 4020 [535LM/ft] | | | | |
| | | | | 4000K | 4800 [635LM/ft] | | | | |
| | | | | 6500K | 4380 [580LM/ft] | | | | |
| 2300mm [7.55ft] | 0.31 [0.04A/ft] | 60.0 [7.62W/ft] | 66.0 [8.39W/ft] | 2700K | 4020 [535LM/ft] | | | | |
| | 4000K | 4800 [635LM/ft] | | | | | | | |
| | 6500K | 4380 [580LM/ft] | | | | | | | |
| | 2700K | 4020 [535LM/ft] | | | | | | | |

Note:

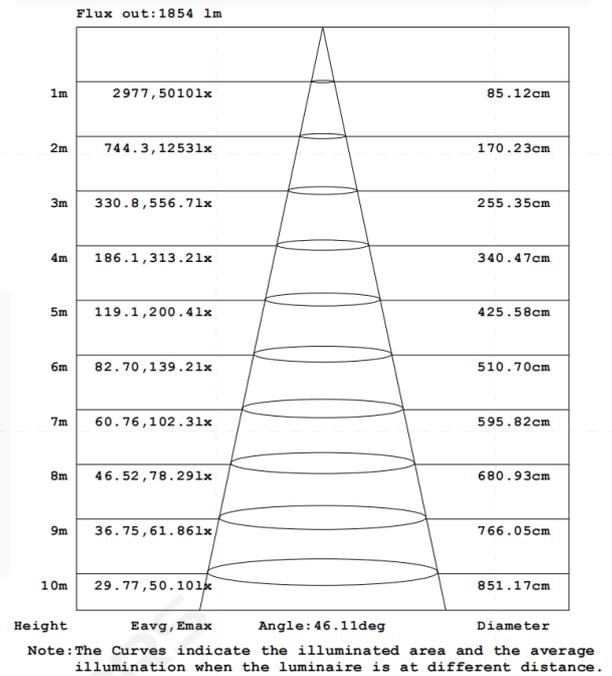
1. The output data is based on the testing result of Ra80,4000k,white luminaires;
2. The tolerance of output data can be vary up to 10%;
3. The output data is typical value;
- 4.The luminous flux of black luminaire is 100% of white luminaire.

【Optical Parameter】

[Normal/Emergency]

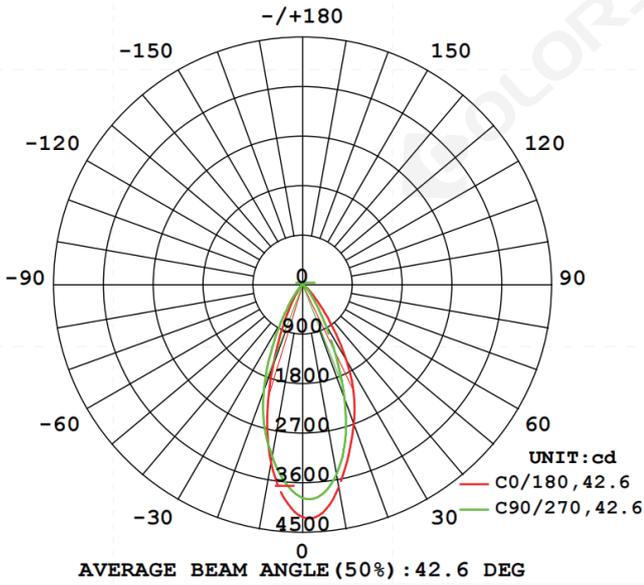


Luminous intensity
distribution diagram

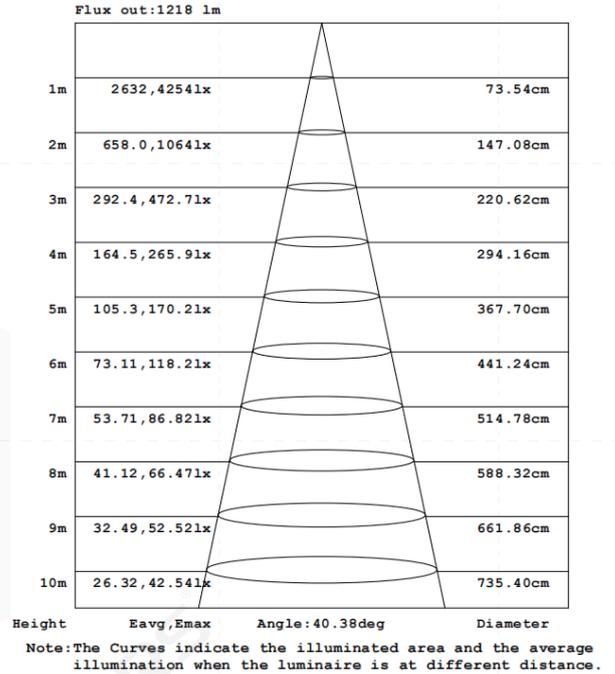


AAI Figure

[Dial switch CCT tunable]

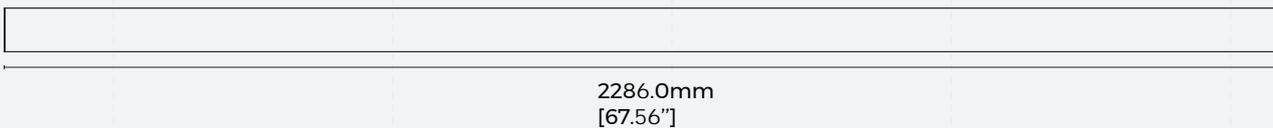
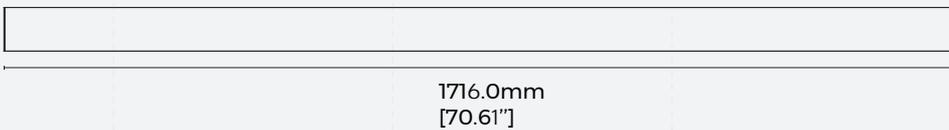
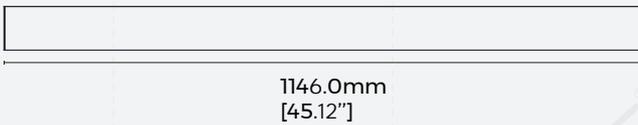


Luminous intensity distribution diagram



AAI Figure

[Product mechanical data]



Note: Luminaires length shown above indicates the length of profile + thickness of 2 end caps, where each end cap is 2.5mm thick, 2 end caps is 5mm 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:phi3.5*(500/1000)mm [Inch size:phi0.53*(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:PC Size:L31.6*W20mm*H5.8mm [Inch size:L1.24"*H0.79"*H0.23"] | CP-44 | |
| | / | Surface mounted buckle | Size:L72*W54*H5.9mm (Inch Size:L2.83"*W2.13"*H0.23") | CL-08 | Ceiling installation accessory |
| | | L-shaped corner (60°) | Material:AL6063-T5 Size:L200*W173.2*H83.0mm [Inch size:L7.87"*W6.82"*H3.27"] | L60-LS40 | Pendant / Ceiling standard corne |
| | | 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]

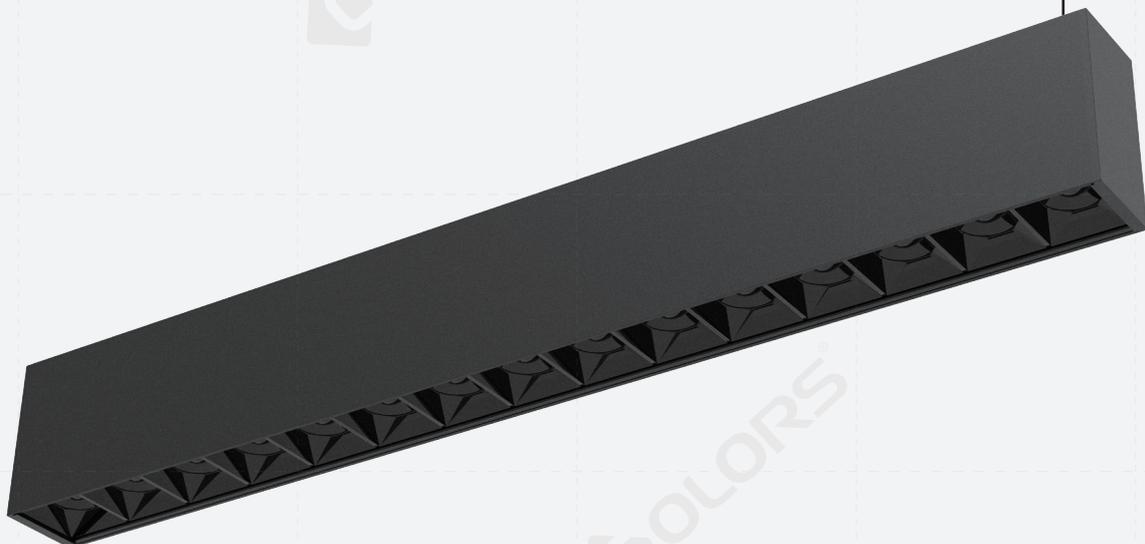
[Normal]

- 80(18°) /100(30° / 45°)lm/W
- Dimming method: Non / 1-10V / DALI+push



[Dial switch CCT control]

- Dimming method: Non/ 1-10V/ DALI+push optional
- 2700K/4000K/6500K 3-tier CCT adjustable, can achieve general lighting demands



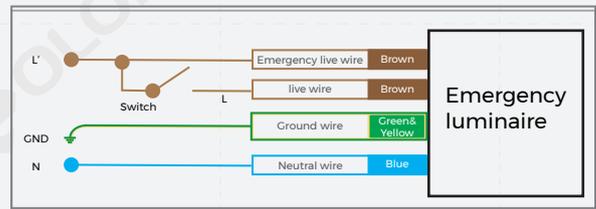
【Emergency model】

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



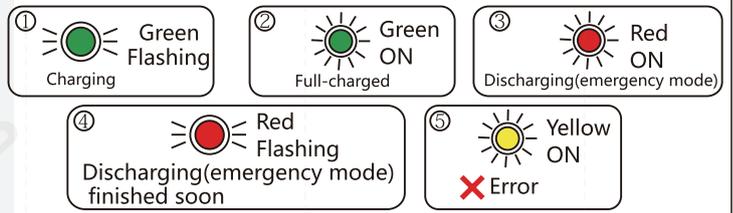
· Technical parameters:

- 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: ≥80(18°) /100(30°/ 45°)LM/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-LS40GHFBS1200(N)- T30NW8N-DC | 1200*61*98 [47.24"*2.40"*3.86"] | 1 | 4 | 2.78 | 11.12 | 12.61 | 1220*142*216 [40.03"*5.59"*8.50"] |
| LLS-LS40GHFBS1500(N)- T40NW8N-DC | 1580*61*98 [62.20"*2.40"*3.86"] | 1 | 4 | 3.36 | 13.44 | 15.23 | 1600*142*216 [62.99"*5.59"*8.50"] |
| LLS-LS40GHFBS1700(N)- T44NW8N-DC | 1770*61*98 [69.69"*2.40"*3.86"] | 1 | 4 | 3.94 | 15.76 | 17.85 | 1790*142*216 [70.47"*5.59"*8.50"] |
| LLS-LS40GHFBS2300(N)- T60NW8N-DC | 2340*61*98 [92.13"*2.40"*3.86"] | 1 | 4 | 5.09 | 20.36 | 23.09 | 2360*142*216 [92.91"*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.