

Luminaire Specification

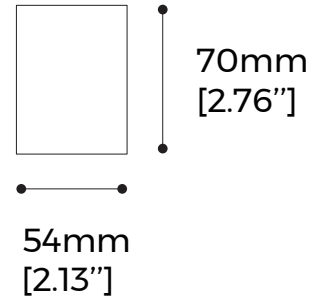
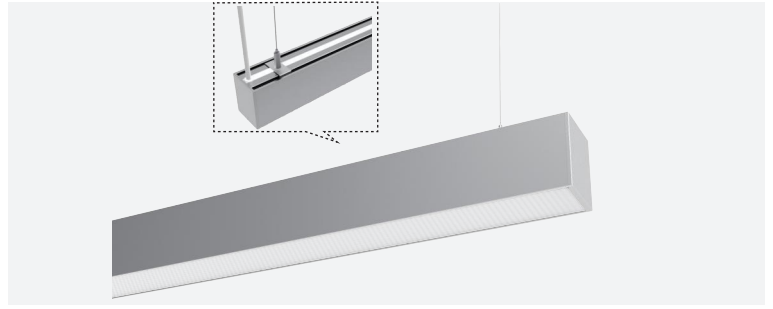
# BH5470FP\_Luminaire

— BASIC series



## 【Features】

- Material: AL6063-T5, spraying surface / anodizing
- Coating: Silver anodized (RAL9006), Black (RAL9005), White (RAL9003)
- Lighting direction: upward & downward
- Light efficiency: 100 LM/W
- U G R: UGR<19(X=4H,Y=8H)
- Dimming method: Non/ DALI-2+PUSH/ 1-10V optional
- Length: 1200mm/1800mm optional, (other length on request)
- SDCM≤3(ANSI)
- CRI:80/90
- CCT:2700/3000/3500/4000/5000/6500K optional
- Input voltage: AC220-240V
- Application: Indoor
- Installation method: Pendant
- IP grade: IP20
- Certification: CB, CE, UKCA, ROHS, Reach
- Warranty: 5 years



## 【Photo-electric parameters】

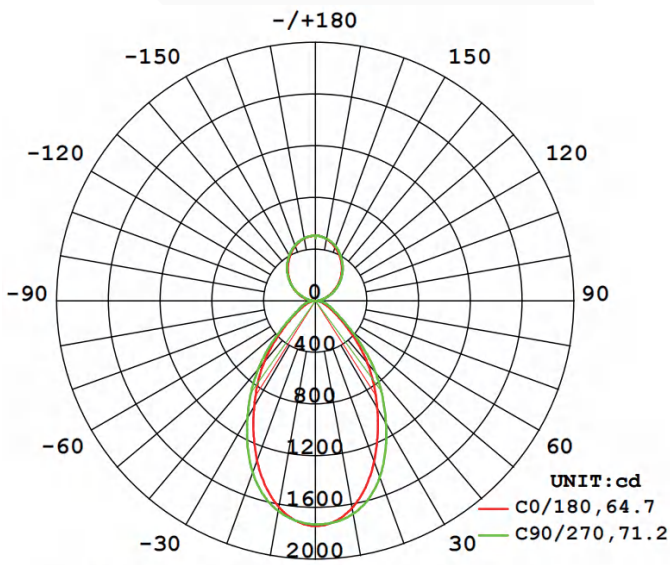
| Version | Model                  | Length             | Input Voltage (V) | Max. Current (A)   | Type Power (W)   | Max. Power (W)    | CRI | CCT   | Lumen (LM)         |
|---------|------------------------|--------------------|-------------------|--------------------|------------------|-------------------|-----|-------|--------------------|
| Normal  | LLS-BH5470FPFSS1200(N) | 1200mm<br>[3.94ft] | 220VAC~<br>240VAC | 0.20<br>[0.05A/ft] | 38<br>[9.64W/ft] | 42<br>[10.66W/ft] | >80 | 2700K | 3480<br>[880LM/ft] |
|         |                        |                    |                   |                    |                  |                   |     | 3000K | 3570<br>[910LM/ft] |
|         |                        |                    |                   |                    |                  |                   |     | 3500K | 3620<br>[920LM/ft] |
|         |                        |                    |                   |                    |                  |                   |     | 4000K | 3760<br>[950LM/ft] |
|         |                        |                    |                   |                    |                  |                   |     | 5000K | 3760<br>[950LM/ft] |
|         |                        |                    |                   |                    |                  |                   |     | 6500K | 3760<br>[950LM/ft] |
|         |                        |                    |                   |                    |                  |                   | >90 | 2700K | 2930<br>[740LM/ft] |
|         |                        |                    |                   |                    |                  |                   |     | 3000K | 2990<br>[760LM/ft] |
|         |                        |                    |                   |                    |                  |                   |     | 3500K | 3070<br>[780LM/ft] |
|         |                        |                    |                   |                    |                  |                   |     | 4000K | 3210<br>[810LM/ft] |
|         |                        |                    |                   |                    |                  |                   |     | 5000K | 3210<br>[810LM/ft] |
|         |                        |                    |                   |                    |                  |                   |     | 6500K | 3210<br>[810LM/ft] |

|        |                        |                    |                   |                    |                   |                   |     |       |                     |
|--------|------------------------|--------------------|-------------------|--------------------|-------------------|-------------------|-----|-------|---------------------|
| Normal | LLS-BH5470FPFSS1800(N) | 1800mm<br>[5.91ft] | 220VAC~<br>240VAC | 0.29<br>[0.05A/ft] | 60<br>[10.15W/ft] | 66<br>[11.17W/ft] | >80 | 2700K | 5500<br>[930LM/ft]  |
|        |                        |                    |                   |                    |                   |                   |     | 3000K | 5630<br>[950LM/ft]  |
|        |                        |                    |                   |                    |                   |                   |     | 3500K | 5720<br>[970LM/ft]  |
|        |                        |                    |                   |                    |                   |                   |     | 4000K | 5940<br>[1010LM/ft] |
|        |                        |                    |                   |                    |                   |                   |     | 5000K | 5940<br>[1010LM/ft] |
|        |                        |                    |                   |                    |                   |                   |     | 6500K | 5940<br>[1010LM/ft] |
|        |                        |                    |                   |                    |                   |                   | >90 | 2700K | 4630<br>[780LM/ft]  |
|        |                        |                    |                   |                    |                   |                   |     | 3000K | 4720<br>[800LM/ft]  |
|        |                        |                    |                   |                    |                   |                   |     | 3500K | 4850<br>[820LM/ft]  |
|        |                        |                    |                   |                    |                   |                   |     | 4000K | 5070<br>[860LM/ft]  |
|        |                        |                    |                   |                    |                   |                   |     | 5000K | 5070<br>[860LM/ft]  |
|        |                        |                    |                   |                    |                   |                   |     | 6500K | 5070<br>[860LM/ft]  |

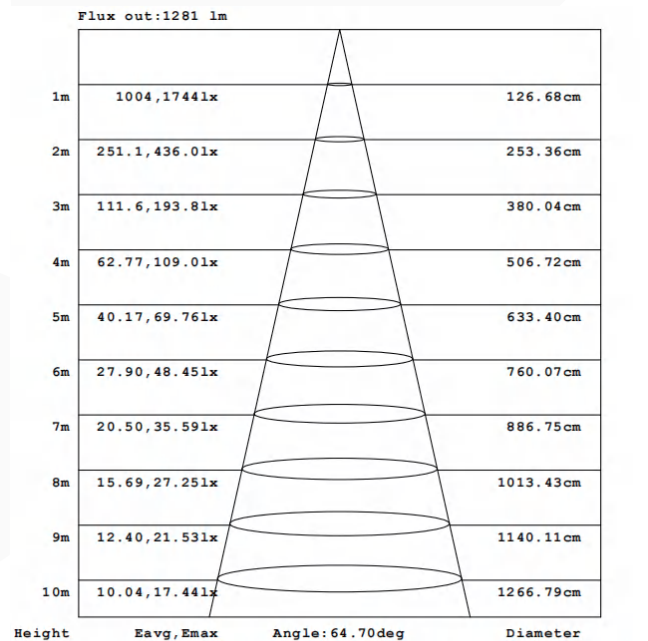
Note:

1. The above parameters were tested based on 1.2M(3.94') standard products;
2. luminous flux is allowed to have a ±10% error range;
3. The above parameters are typical values.

### 【Optical Parameter】



luminous intensity  
distribution diagram



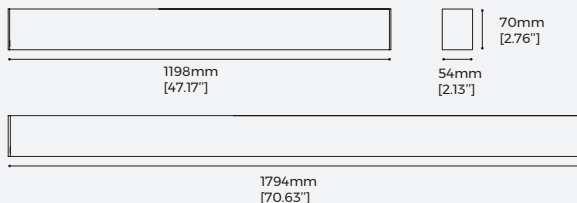
AAI Figure

## 【Product UGR】





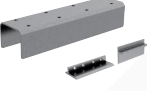
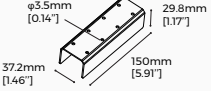

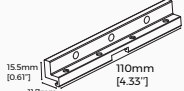



|                                                    |                  |      |      |      |      |                |      |      |      |      |      |      |
|----------------------------------------------------|------------------|------|------|------|------|----------------|------|------|------|------|------|------|
| ceiling/cavity                                     | 0.7              | 0.7  | 0.5  | 0.5  | 0.3  | 0.7            | 0.7  | 0.5  | 0.5  | 0.3  |      |      |
| walls                                              | 0.5              | 0.3  | 0.5  | 0.3  | 0.3  | 0.5            | 0.3  | 0.5  | 0.3  | 0.3  |      |      |
| working plane                                      | 0.2              | 0.2  | 0.2  | 0.2  | 0.2  | 0.2            | 0.2  | 0.2  | 0.2  | 0.2  |      |      |
| Room dimensions                                    | Viewed crosswise |      |      |      |      | Viewed endwise |      |      |      |      |      |      |
| x = 2H y = 2H                                      | 2H               | 12.2 | 13.1 | 12.9 | 13.8 | 14.6           | 12.8 | 13.7 | 13.4 | 14.4 | 15.2 |      |
|                                                    | 3H               | 12.5 | 13.4 | 13.3 | 14.1 | 14.9           | 13.3 | 14.2 | 14.0 | 14.9 | 15.7 |      |
|                                                    | 4H               | 12.7 | 13.5 | 13.4 | 14.2 | 15.1           | 13.6 | 14.4 | 14.4 | 15.1 | 16.0 |      |
|                                                    | 6H               | 12.8 | 13.5 | 13.5 | 14.2 | 15.1           | 13.9 | 14.6 | 14.7 | 15.4 | 16.3 |      |
|                                                    | 8H               | 12.7 | 13.5 | 13.5 | 14.2 | 15.1           | 14.0 | 14.7 | 14.8 | 15.5 | 16.4 |      |
|                                                    | 12H              | 12.7 | 13.4 | 13.5 | 14.1 | 15.1           | 14.1 | 14.7 | 14.9 | 15.5 | 16.4 |      |
|                                                    | 4H               | 2H   | 12.2 | 13.0 | 13.0 | 13.8           | 14.6 | 12.8 | 13.6 | 13.5 | 14.3 | 15.1 |
|                                                    |                  | 3H   | 12.8 | 13.5 | 13.6 | 14.2           | 15.2 | 13.5 | 14.2 | 14.3 | 14.9 | 15.9 |
|                                                    |                  | 4H   | 13.1 | 13.7 | 13.9 | 14.4           | 15.4 | 14.0 | 14.6 | 14.8 | 15.3 | 16.3 |
|                                                    |                  | 6H   | 13.2 | 13.8 | 14.1 | 14.6           | 15.6 | 14.4 | 14.9 | 15.2 | 15.7 | 16.7 |
|                                                    |                  | 8H   | 13.2 | 13.7 | 14.1 | 14.6           | 15.6 | 14.5 | 15.0 | 15.4 | 15.9 | 16.9 |
|                                                    |                  | 12H  | 13.2 | 13.7 | 14.1 | 14.5           | 15.5 | 14.7 | 15.1 | 15.5 | 15.9 | 17.0 |
|                                                    | 8H               | 4H   | 13.1 | 13.6 | 14.0 | 14.4           | 15.5 | 14.0 | 14.4 | 14.8 | 15.3 | 16.3 |
|                                                    |                  | 6H   | 13.4 | 13.8 | 14.3 | 14.7           | 15.7 | 14.5 | 14.9 | 15.4 | 15.8 | 16.8 |
|                                                    |                  | 8H   | 13.5 | 13.8 | 14.4 | 14.7           | 15.8 | 14.8 | 15.1 | 15.6 | 16.0 | 17.1 |
|                                                    |                  | 12H  | 13.5 | 13.8 | 14.4 | 14.7           | 15.8 | 15.0 | 15.2 | 15.9 | 16.1 | 17.2 |
|                                                    | 12H              | 4H   | 13.1 | 13.5 | 14.0 | 14.4           | 15.4 | 13.9 | 14.3 | 14.8 | 15.2 | 16.2 |
|                                                    |                  | 6H   | 13.4 | 13.8 | 14.3 | 14.6           | 15.7 | 14.5 | 14.8 | 15.4 | 15.7 | 16.8 |
|                                                    |                  | 8H   | 13.5 | 13.8 | 14.4 | 14.7           | 15.8 | 14.8 | 15.1 | 15.7 | 15.9 | 17.0 |
| Variations with the observer position at spacings: |                  |      |      |      |      |                |      |      |      |      |      |      |
| S = 1.0H                                           | + 0.8 / - 1.0    |      |      |      |      | + 0.6 / - 0.7  |      |      |      |      |      |      |
| 1.5H                                               | + 0.6 / - 0.9    |      |      |      |      | + 0.5 / - 0.5  |      |      |      |      |      |      |
| 2.0H                                               | + 1.5 / - 1.3    |      |      |      |      | + 1.4 / - 0.9  |      |      |      |      |      |      |

CIE Pub.117, 3763 lm Total Lamp Luminous Flux Correct ( $8\log(F/F_0) = 4.6$ )

## 【Product mechanical data】



## [Product Accessories Information]

| Picture                                                                             | Section size                                                                       | Name                             | Description                                                                                                                            | Model      | Note                            |
|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|------------|---------------------------------|
|    | /                                                                                  | Pendant rod                      | Size: 1-2m<br>[Inch size: L39.37"-78.74"]                                                                                              | PG-I       | Installation Accessories        |
|    | /                                                                                  | Pendant cable with junction box) | Junction box L80*W80*H30mm<br>[Inch Size: L3.15"*W3.15"*H1.18"]<br>Steel cable D1.5*2000/4000mm<br>[Inch Size: D0.06"*W78.74"/157.48"] | PY-D       |                                 |
|    | /                                                                                  | Pendant cable                    | Steel cable D1.5*2000/4000mm<br>[Inch Size: L0.06"*W78.74"/157.48"]                                                                    | PN-D       |                                 |
|    | /                                                                                  | pendant clip                     | Size: L37*W20*H7mm<br>[Inch size: L1.46"*W0.79"*H0.28"]                                                                                | CP-16      |                                 |
|    |   | Splicing bar (internal)          | Size: L150*W37.2*H29.8mm<br>[Inch Size: L5.91"*W1.46"*H1.17"]                                                                          | EX-39      | Splicing Accessories            |
|   |  | Splicing bar (external)          | Size: L110*W15.5*H11.7mm<br>[Inch Size: L4.33"*W0.61"*H0.46"]                                                                          | EX-41      |                                 |
|  | /                                                                                  | L shaped corner                  | Without lighting source;<br>Size: L150*W150*H70mm<br>[Inch Size: L5.91"*W5.91"*H2.76"]                                                 | L90-BH5470 | Standard interconnected corners |
|  | /                                                                                  | T shaped corner                  | Without lighting source;<br>Size: L300*W177*H70mm<br>[Inch Size: L11.81"*W6.97"*H2.76"]                                                | T90-BH5470 |                                 |
|  | /                                                                                  | X shaped corner                  | Without lighting source;<br>Size: L300*W300*H70mm<br>[Inch Size: L11.81"*W11.81"*H2.76"]                                               | X90-BH5470 |                                 |

## **[Packing]**

| <b>Model</b>                          | <b>Demension (mm)</b>              | <b>Quantity /box</b> | <b>Quantity /carton</b> | <b>NW (kg)</b> | <b>NW /carton/(kg)</b> | <b>GW (kg)</b> | <b>Carton size (mm)</b>              |
|---------------------------------------|------------------------------------|----------------------|-------------------------|----------------|------------------------|----------------|--------------------------------------|
| LLS-BH5470FPFSS1200(N)<br>-T38XX8D-DC | 1198*54*70<br>[47.17"*2.13"*2.76"] | 1                    | 6                       | 2.15           | 12.9                   | 16.5           | 1278*228*234<br>[50.31"*8.98"*9.21"] |
| LLS-BH5470FPFSS1800(N)<br>-T60XX8D-DC | 1794*54*70<br>[70.63"*2.13"*2.76"] | 1                    | 6                       | 3.20           | 19.2                   | 24.5           | 1874*228*234<br>[73.78"*8.98"*9.21"] |

## **[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