



### Optics

- Lumen output options:
  - 2250 lumens (23W)
  - 2850 lumens (29W)
  - 3800 lumens (36W)
  - 4400 lumens (44W)
  - 5500 lumens (55W)
  - 7400 lumens (73W)
- 4000K
- High impact polycarbonate injection moulded diffuser

### Body

- IP65
- GRP body finished light grey
- Surface mounted with cable or conduit entry
- Suitable for exterior areas i.e. under a canopy or covered environment but not in direct sunlight or open areas exposed to adverse weather conditions. Not for installation in a environment liable to produce standing water on the fitting or IP glands
- Stainless steel clips (lockable via screw fixing)

### Order Codes

| ACF DuraLED       | Fixed Output | 3 hr Emergency |
|-------------------|--------------|----------------|
| 2250 lumens (23W) | ALH114K      | ALH114KEM      |
| 2850 lumens (29W) | ALH124K      | ALH124KEM      |
| 3800 lumens (36W) | ALH134K      | ALH134KEM      |
| 4400 lumens (44W) | ALH254K      | ALH254KEM      |
| 5500 lumens (55W) | ALH264K      | ALH264KEM      |
| 7400 lumens (73W) | ALH274K      | ALH274KEM      |

### Accessories

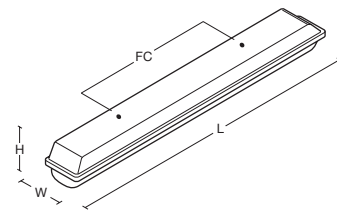
|                     |            |
|---------------------|------------|
| HOOK SUSPENSION KIT | ACFHOOKKIT |
|---------------------|------------|

### Options

|              |                  |                 |
|--------------|------------------|-----------------|
| DALI DIMMING | Replace H with Y | i.e. ALY114KEM  |
| COMEPS       | Add suffix /EP   | i.e. ALH114K/EP |



### Dimensions



| Version         | L    | W   | H   | FC   | KG  | KG <sup>2</sup> |
|-----------------|------|-----|-----|------|-----|-----------------|
| 2250/3800 lumen | 1275 | 100 | 103 | 840  | 3.4 | 4.4             |
| 4400/7400 lumen | 1275 | 170 | 103 | 840  | 5.0 | 6.0             |
| 2850 lumen      | 1575 | 100 | 103 | 1140 | 4.0 | 5.0             |
| 5500 lumen      | 1575 | 170 | 103 | 1140 | 5.8 | 6.8             |

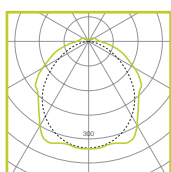
### LED Performance

|                      |                  |                                                |                                        |
|----------------------|------------------|------------------------------------------------|----------------------------------------|
| Colour Temp<br>4000K | Ra (CRI)<br>≥ 80 | Life Expectancy<br>L <sub>70</sub> (50,000hrs) | Colour Consistency<br>MacAdam 3.5 SDCM |
|----------------------|------------------|------------------------------------------------|----------------------------------------|

### Equivalent Lamp Types

|                   |         |
|-------------------|---------|
| 4400 Lumen Output |         |
| T5 lamp           | 2 x 28W |
| 7400 Lumen Output |         |
| T5 lamp           | 2 x 54W |

### Photometric Performance



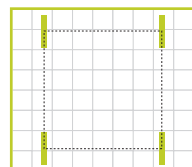
44W LED 4000k  
4429 lumens  
• LOR = 100%  
• SHR MAX = 1.59

### Utilisation Factors UF(F)

| Room Reflectance | Room Index |      |      |      |
|------------------|------------|------|------|------|
| C                | W          | F    | 1.00 | 3.00 |
| 0.70             | 0.50       | 0.20 | 0.67 | 0.94 |
|                  |            |      | 1.00 |      |

### Performance Guide

|         |             |             |
|---------|-------------|-------------|
| Lamps   | Illuminance | Spacing     |
| 44W LED | 269 lux     | 3.5m x 3.5m |



Maintenance:  
0.8  
Reflectance:  
70/50/20  
Ceiling Height:  
3.2m  
Working Plane:  
0.0m

### To Specify

IP65 LED anti-corrosive luminaire with GRP body and high impact polycarbonate injection moulded linear prism diffuser. One piece seamless gasket for increased life and protection – as Whitecroft Lighting ACF DURALED

