



**Optics**

- Lamp options:
  - 1 or 2 x 36/58W T8

**Body**

- GRP with polycarbonate diffuser and stainless steel retaining clips
- Two M8 clearance holes on rear of body. Washers provided for sealing to IP54 minimum
- Type of protection: Ex nA non-sparking
- Area classification: Zone 2 areas to EN 60079-14
- Apparatus standard: EN 60079-15
- Certificate: BASEEFA Ex 95Y4016
- Coding: nA11
- IP65

**Order Codes**

| ACFDN      | T Class | Ta °C | Body   |           |
|------------|---------|-------|--------|-----------|
| T8 1 x 36W | T4      | 40    | Single | ACFDN14HP |
| T8 2 x 36W | T4      | 45    | Twin   | ACFDN24HP |
| T8 1 x 58W | T4      | 30    | Single | ACFDN15HP |
| T8 2 x 58W | T4      | 35    | Twin   | ACFDN25HP |

| ACFDN 3 hr Emergency | T Class    | Ta °C | Body |               |
|----------------------|------------|-------|------|---------------|
| T8 1 x 36W           | T4         | 35    | Twin | ACFDN14HPEMIN |
| T8 2 x 36W           | T4         | 35    | Twin | ACFDN24HPEMIN |
| T8 1 x 58W           | T4         | 35    | Twin | ACFDN15HPEMIN |
| T8 2 x 58W           | 150°C (T3) | 30    | Twin | ACFDN25HPEMIN |

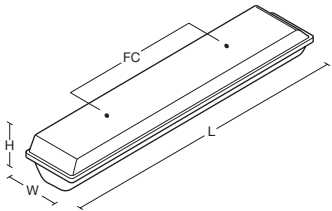
**Options**

|                                              |             |
|----------------------------------------------|-------------|
| Stainless steel hook suspension set          | ACF3HS      |
| Stainless steel diffuser clips and screw set | A70.981.907 |



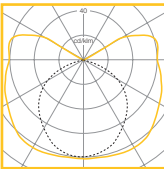
Single lamp

**Dimensions**

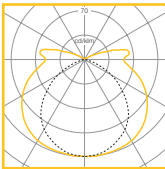


| Version | L    | W   | H   | FC   | KG  | KG  |
|---------|------|-----|-----|------|-----|-----|
| 1 x 36W | 1271 | 108 | 105 | 800  | 3.3 | 4.9 |
| 2 x 36W | 1293 | 178 | 123 | 800  | 4.8 | 6.4 |
| 1 x 58W | 1571 | 108 | 105 | 1100 | 4.3 | 5.9 |
| 2 x 58W | 1593 | 178 | 123 | 1100 | 6.5 | 7.5 |

**Photometric Performance**



1 x 58W T8  
• LOR = 68.4%  
• SHR MAX = 1.88



2 x 58W T8  
• LOR = 68.9%  
• SHR MAX = 1.79

**Utilisation Factors UF(F)**

| Room Reflectance |      | Room Index |                |
|------------------|------|------------|----------------|
| C                | W    | F          |                |
| 0.70             | 0.50 | 0.20       | 0.48 0.73 0.80 |

**Utilisation Factors UF(F)**

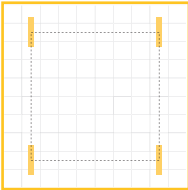
| Room Reflectance |      | Room Index |                |
|------------------|------|------------|----------------|
| C                | W    | F          |                |
| 0.70             | 0.50 | 0.20       | 0.47 0.68 0.74 |

**Performance Guide**

| Lamps      | Illuminance | Spacing     |
|------------|-------------|-------------|
| 2 x 36W T8 | 200 lux     | 4.0m x 4.0m |

**Lamp Performance**

| Wattage    | IL@25°C | Lamp Life |
|------------|---------|-----------|
| 1 x 36W T8 | 3350    | 19,000hrs |
| 1 x 58W T8 | 5240    | 19,000hrs |



Maintenance:  
0.8  
Reflectance:  
70/50/20  
Ceiling Height:  
6m  
Working Plane:  
0.0m

**To Specify**

IP65 anti-corrosive luminaire for zone 2 hazardous areas – as Whitecroft Lighting ACFDN