

## CFL Small



**CREE**  **LIGHTING**

**Applications:** : Industry, parking lots, monuments and general area spaces.

**Efficacy:** up to 135 lm/W

**Lumen Output:** Up to 12000 lm

**IP Rating: IP66**

**Limited Warranty:** 5 years

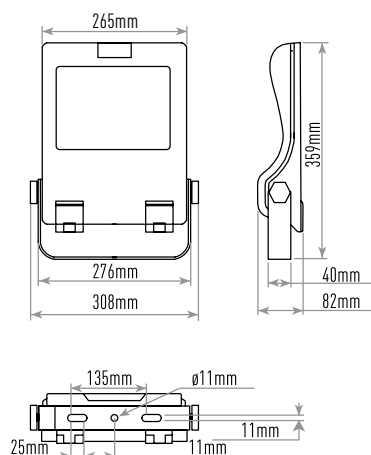
*Extended warranty may be available on certain projects. Contact ADLT for more information.*



EX: CFL-B-ASM-A-40K-+-24-BK-FX-01

| CFL              | B       | ASM                                                                                                                 | A                          | 40K              | +                | 24               | BK            | FX                                                                   | 01                       |
|------------------|---------|---------------------------------------------------------------------------------------------------------------------|----------------------------|------------------|------------------|------------------|---------------|----------------------------------------------------------------------|--------------------------|
| Product          | Version | Optic                                                                                                               | Input Power                | CCT              | Insulation Class | Voltage          | Finish        | Control Option                                                       | Cable Length             |
| CFL<br>CFL Small | - B     | ASM<br>Asymmetric<br><br>WFL<br>Wide Flood<br><br>30<br>Flood 30°<br><br>15<br>Spot 15°<br><br>275<br>Type II short | - A<br>40W<br><br>B<br>80W | - 40K<br><br>30K | - +<br>Class 1   | - 24<br>220-240V | - BK<br>Black | - FX<br>Fixed Output<br><br>DL<br>DALI<br><br>VM<br>Virtual Midnight | - 01<br>Exit cable 1,5 m |

\* (On request for MOQ)



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Rev. Date: August 5 2024

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## FEATURES

- Efficacy: up to 135 lm/W
- Lumen Output: Up to 12000 lm
- CRI: Minimum 70
- Tool-less entry through buckles integrated
- Lifetime: L80F10 Up to >180Khrs Ta=25°C (>180Khrs L80 IESNA TM-21)
- Operative temperature -30°C up to 40°C
- Input Voltage: 220-240V, 50/60Hz
- Power factor: Up to > 0.92 at full load
- Surge protection: 10kV CM / 6kV DM surge immunity according to EN 61000-4-5 and EN 61547
- Enclosure rated IP66 per IEC 60529
- Impact resistance IK08
- Control Option: Fixed Output, Virtual Midnight (VM ON-100% / 00:00 - 50% / 06:00-100%)
- Initial Colour consistency: 5 MacAdam steps

## CONSTRUCTION AND MATERIALS

- Die cast aluminum housing treated with electrophoresis and powder coating for strong anti-corrosion performance.
- Extra clear silk printed tempered glass
- Bracket surface featuring hot galvanizing processing, providing strong corrosion resistance.
- Tool free adjustable bracket +/-90° by means of mechanical locking with graduated scale of 10°
- Vent integrated to prevent moisture and balance atmosphere pressure

## WARRANTY AND CERTIFICATIONS

- Limited Warranty: 5 years
- CE Mark / RoHS Compliant / ENEC mark / CB mark
- Risk group exempt in accordance with Standard CEI EN62471 for photobiological safety (Tested IEC/TR62778)
- Compliant to: EN 60598-1; EN 60598-2-3, EN 60598-2-5

## ELECTRICAL DATA\*

| Input Power Designator | System Watts | Total Current | Power Factor |
|------------------------|--------------|---------------|--------------|
|                        |              | @230V, 50Hz   |              |
| A                      | 40W          | 0.14 A        | 0,92         |

\* Electrical data at 25°C (77°F)

## PRODUCT WEIGHT T AND MAXIMUM WIND AREA

| Weight | Lateral Surface Wind Exposed |
|--------|------------------------------|
| 4.3kg  | 0.10m <sup>2</sup>           |



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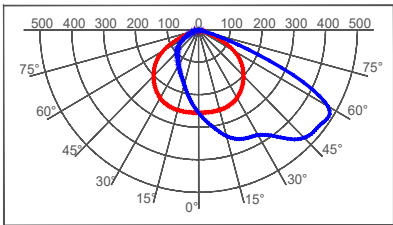


**CREE** LIGHTING

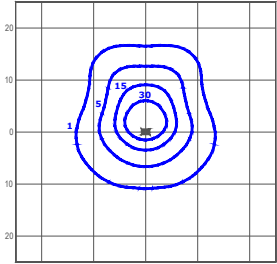
## Photometry

All published luminaire photometric testing performed to IESNA LM-79-08 standards by an external laboratory.  
To obtain an IES file specific to your project consult: [www.creelighting-europe.com](http://www.creelighting-europe.com).

### ASM - ASYMMETRIC



cd/klm  
C0 - C180 C90 - C270 C90 - C270



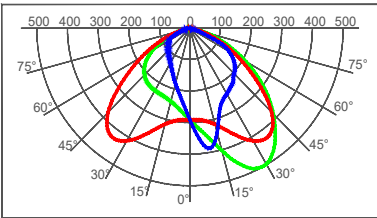
lux  
CFL-B-ASM-A-40K\_04-F01602  
Mounting Height: 6m

#### LUMEN OUTPUT - ASM

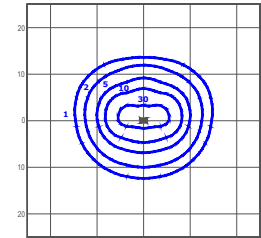
|                        |                           |
|------------------------|---------------------------|
| Input Power Designator | <b>4000K</b>              |
|                        | Initial Delivered Lumens* |
| A                      | 5943                      |
| B                      | 11664                     |

\* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -4 and +10% of initial delivered lumens

### WFL - WIDE FLOOD



cd/klm  
C0 - C180 C90 - C270 C25 - C205



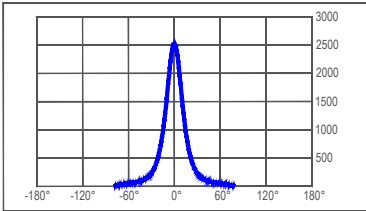
lux  
CFL-B-WFL-A-40K\_04-F00801  
Mounting Height: 6m

#### LUMEN OUTPUT - WFL

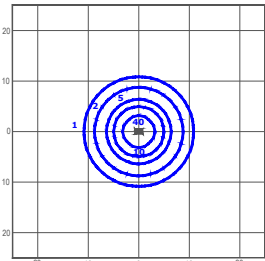
|                        |                           |
|------------------------|---------------------------|
| Input Power Designator | <b>4000K</b>              |
|                        | Initial Delivered Lumens* |
| A                      | 5909                      |
| B                      | 11534                     |

\* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -4 and +10% of initial delivered lumens

### 30° - FLOOD 30°



cd/klm  
C90 - C270



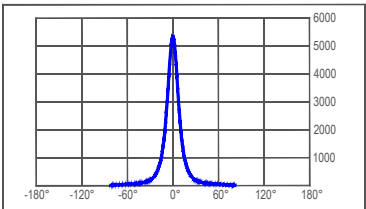
lux  
CFL-B-30-A-40K\_04-F01604  
Mounting Height: 6m

#### LUMEN OUTPUT - 30°

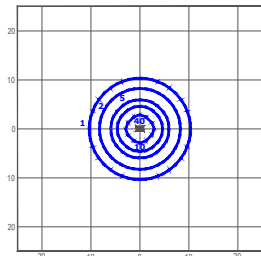
|                        |                           |
|------------------------|---------------------------|
| Input Power Designator | <b>4000K</b>              |
|                        | Initial Delivered Lumens* |
| A                      | 5994                      |
| B                      | 11794                     |

\* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -4 and +10% of initial delivered lumens

### 15° - FLOOD 15°



cd/klm  
C90 - C270



lux  
CFL-B-15-A-40K\_04-F01603  
Mounting Height: 6m

#### LUMEN OUTPUT - 15°

|                        |                           |
|------------------------|---------------------------|
| Input Power Designator | <b>4000K</b>              |
|                        | Initial Delivered Lumens* |
| A                      | 6147                      |
| B                      | 12053                     |

\* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -4 and +10% of initial delivered lumens



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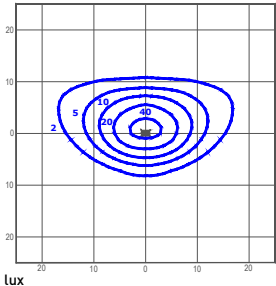
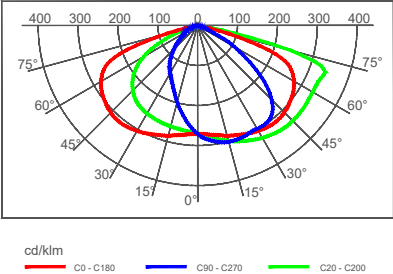


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## Photometry

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### 275 - Type II short



CFL-B-275-A-40K\_04-R01602  
Mounting Height: 6m

| LUMEN OUTPUT - 275 Type II short |                           |
|----------------------------------|---------------------------|
| Input Power Designator           | 4000K                     |
|                                  | Initial Delivered Lumens* |
| A                                | 5989                      |
| B                                | 11774                     |

\* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -4 and +10% of initial delivered lumens

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