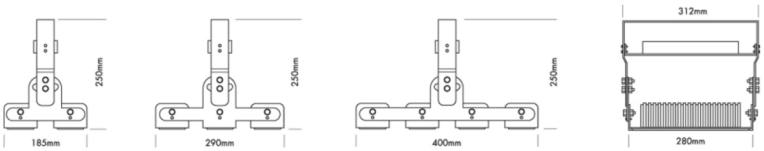
# Data sheet

L711F364 - High Bay Floodlight Standard 200 - 60deg

Article name: High Bay Floodlight Standard 200 - 60deg

Article number: L711F364




## Article description:

LED high bay luminaire for factory buildings, production halls, assembly halls, storage buildings, sales areas, exhibtion spaces, ...

## Technical:

| | | | |
|---|---|---|---|
| **Mounting type:** | Surface-mounted on ceiling | **Electric:** | |
| **Adjustability:** | Tiltable | System power: | 174.9 W |
| **Controllability:** | None | Current: | 100-240 V |
| **Safety:** | IP65 | Safety class: | 1 |
| **Temperature range:** | -10...45 °C | EEI: | A++ - A |
| **Lifetime:** | 50.000 h at L80B10 | UGR: | - |

**Shape and dimensions:**

| | |
|---|---|
| Length: | 312 mm |
| Width: | 290 mm |
| Height: | 250 mm |
| Weight: | 4.1 kg |

## Light output 1 (LED 5700K - CRI 80):

| | |
|---|---|
| **Lamp type:** | LED |
| **Lamp power:** | 58.3 W |
| **Total luminous flux:** | 9000 lm |
| **Light efficiency:** | 154.4 lm/W |
| **CCT:** | 5700 K |
| **CRI:** | 80 |
| **Light distribution:** | (Symmetrical) Wide flood (half value angle 45°…125°) |

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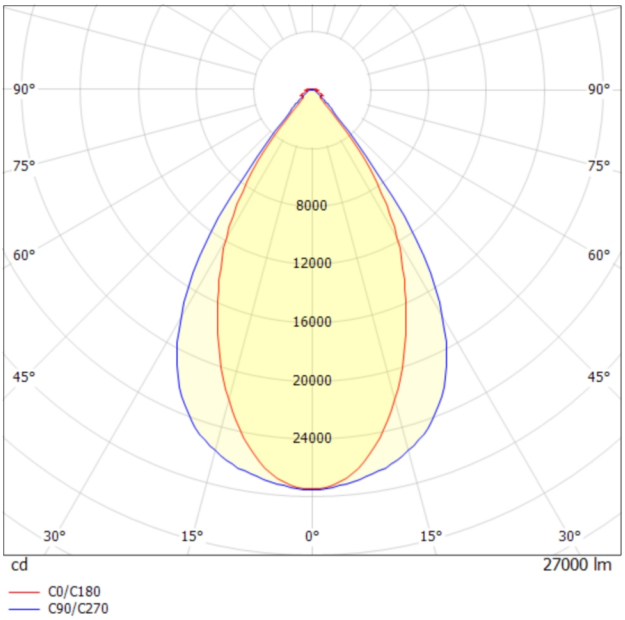
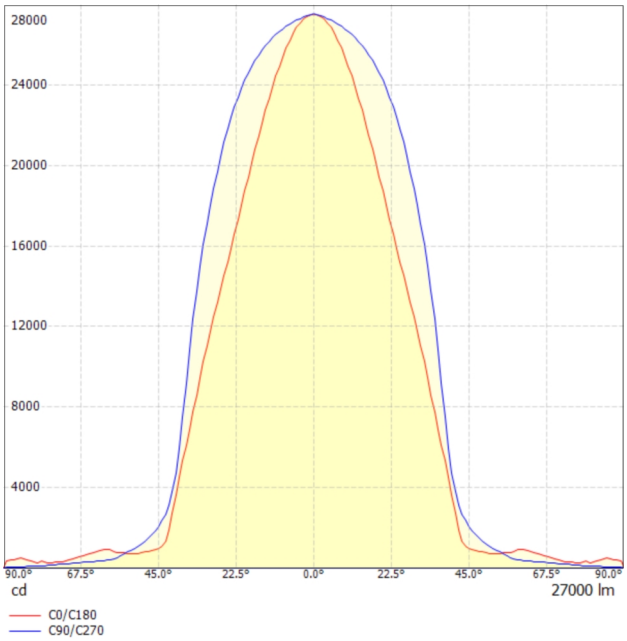
## Light output 2 (LED 5700K - CRI 80):

| | |
|---|---|
| **Lamp type:** | LED |
| **Lamp power:** | 58.3 W |
| **Total luminous flux:** | 9000 lm |
| **Light efficiency:** | 154.4 lm/W |
| **CCT:** | 5700 K |
| **CRI:** | 80 |
| **Light distribution:** | (Symmetrical) Wide flood (half value angle 45°…125°) |

## Light output 3 (LED 5700K - CRI 80):

| | |
|---|---|
| **Lamp type:** | LED |
| **Lamp power:** | 58.3 W |
| **Total luminous flux:** | 9000 lm |
| **Light efficiency:** | 154.4 lm/W |
| **CCT:** | 5700 K |
| **CRI:** | 80 |
| **Light distribution:** | (Symmetrical) Wide flood (half value angle 45°…125°) |



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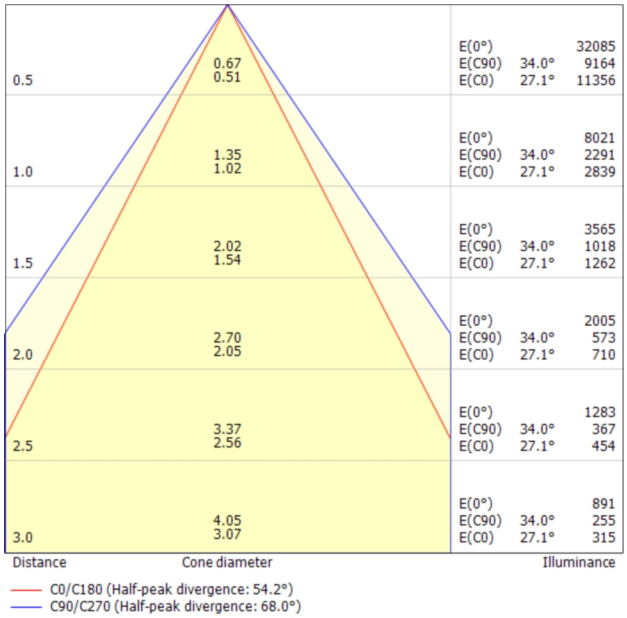


**Glare evaluation according to UGR**

| ρ Ceiling | | 70 | 70 | 50 | 50 | 30 | 70 | 70 | 50 | 50 | 30 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ρ Walls | | 50 | 30 | 50 | 30 | 30 | 50 | 30 | 50 | 30 | 30 |
| ρ Floor | | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| Room size X | Y | Viewing direction at right angles to lamp axis | | | | | Viewing direction parallel to lamp axis | | | | |
| 2H | 2H | 23.4 | 24.2 | 23.7 | 24.4 | 24.6 | 24.8 | 25.5 | 25.1 | 25.8 | 26.0 |
| 2H | 3H | 23.9 | 24.6 | 24.2 | 24.8 | 25.1 | 24.8 | 25.5 | 25.1 | 25.8 | 26.0 |
| 2H | 4H | 24.0 | 24.7 | 24.3 | 24.9 | 25.2 | 24.8 | 25.5 | 25.2 | 25.8 | 26.0 |
| 2H | 6H | 24.3 | 24.9 | 24.6 | 25.2 | 25.5 | 24.8 | 25.4 | 25.2 | 25.7 | 26.0 |
| 2H | 8H | 24.5 | 25.1 | 24.9 | 25.4 | 25.7 | 24.8 | 25.4 | 25.2 | 25.7 | 26.0 |
| 2H | 12H | 25.2 | 25.7 | 25.6 | 26.1 | 26.4 | 24.8 | 25.4 | 25.2 | 25.7 | 26.0 |
| 4H | 2H | 23.4 | 24.1 | 23.8 | 24.4 | 24.6 | 24.7 | 25.4 | 25.1 | 25.6 | 25.9 |
| 4H | 3H | 24.0 | 24.6 | 24.4 | 24.9 | 25.2 | 24.8 | 25.4 | 25.2 | 25.7 | 26.0 |
| 4H | 4H | 24.2 | 24.7 | 24.6 | 25.1 | 25.4 | 24.9 | 25.4 | 25.3 | 25.7 | 26.1 |
| 4H | 6H | 24.6 | 25.0 | 25.0 | 25.4 | 25.8 | 25.0 | 25.4 | 25.4 | 25.7 | 26.1 |
| 4H | 8H | 25.1 | 25.4 | 25.5 | 25.8 | 26.2 | 25.0 | 25.4 | 25.4 | 25.8 | 26.2 |
| 4H | 12H | 26.0 | 26.3 | 26.5 | 26.7 | 27.2 | 25.0 | 25.4 | 25.5 | 25.8 | 26.2 |
| 8H | 4H | 24.3 | 24.6 | 24.7 | 25.0 | 25.4 | 24.9 | 25.3 | 25.3 | 25.7 | 26.1 |
| 8H | 6H | 24.8 | 25.1 | 25.3 | 25.5 | 26.0 | 25.0 | 25.3 | 25.5 | 25.8 | 26.2 |
| 8H | 8H | 25.4 | 25.6 | 25.9 | 26.1 | 26.6 | 25.1 | 25.4 | 25.6 | 25.8 | 26.3 |
| 8H | 12H | 26.7 | 26.9 | 27.2 | 27.4 | 27.9 | 25.3 | 25.5 | 25.8 | 26.0 | 26.5 |
| 12H | 4H | 24.2 | 24.6 | 24.7 | 25.0 | 25.4 | 24.9 | 25.2 | 25.3 | 25.6 | 26.1 |
| 12H | 6H | 24.8 | 25.1 | 25.3 | 25.5 | 26.0 | 25.1 | 25.3 | 25.6 | 25.8 | 26.3 |
| 12H | 8H | 25.5 | 25.7 | 26.0 | 26.2 | 26.7 | 25.2 | 25.4 | 25.7 | 25.9 | 26.4 |

Variation of the observer position for the luminaire distances S

| | | |
|---|---|---|
| S = 1.0H | +1.9 / -1.1 | +4.0 / -3.1 |
| S = 1.5H | +3.9 / -1.3 | +6.6 / -3.8 |
| S = 2.0H | +5.6 / -1.6 | +8.6 / -4.4 |
| Standard table | ---- | BK01 |
| Correction summand | ---- | 7.2 |

Correction glare indices referring to 27000lm total luminous flux

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