

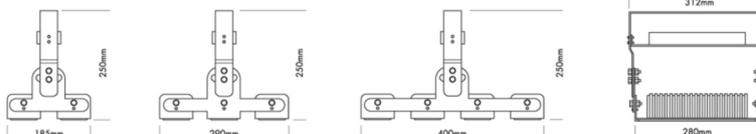
## Data sheet

L711F964 - High Bay Floodlight Standard 280 - 60deg

**PROLED**<sup>®</sup>

Article name: High Bay Floodlight Standard 280 - 60deg

Article number: L711F964



### Article description:

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

### Technical:

**Mounting type:** Surface-mounted on ceiling

**Adjustability:** Tilttable

**Controllability:** None

**Safety:** IP65

**Temperature range:** -10...45 °C

**Lifetime:** 50.000 h at L80B10

### Electric:

**System power:** 300 W

**Current:** 100-240 V

**Safety class:** 1

**EEL:** A++ - A

**UGR:** -

### Shape and dimensions:

**Length:** 312 mm

**Width:** 400 mm

**Height:** 250 mm

**Weight:** 6.1 kg

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

**Lamp type:** LED

**Lamp power:** 75 W

**Total luminous flux:** 9000 lm

**Light efficiency:** 120 lm/W

**CCT:** 5700 K

**CRI:** 80

**Light distribution:** (Symmetrical) Wide flood (half value angle 45°...125°)

Status 08.12.2020

Technical amendments and errors reserved.

PROLED<sup>®</sup>

MBN GmbH | Balthasar-Schaller-Str. 3 | 86316 Friedberg | Germany

Phone +49.821.60099-0 | Fax +49.821.60099-99

info@proled.com | proled.com

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

<b>Lamp type:</b>	LED
<b>Lamp power:</b>	75 W
<b>Total luminous flux:</b>	9000 lm
<b>Light efficiency:</b>	120 lm/W
<b>CCT:</b>	5700 K
<b>CRI:</b>	80
<b>Light distribution:</b>	(Symmetrical) Wide flood (half value angle 45°...125°)

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

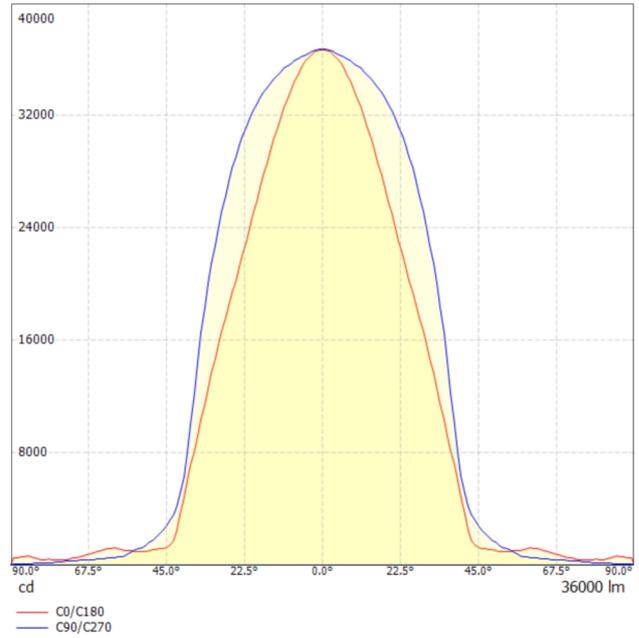
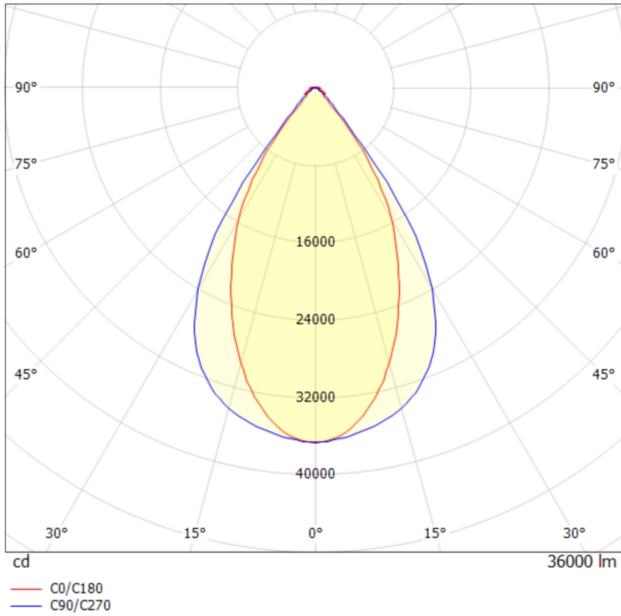
<b>Lamp type:</b>	LED
<b>Lamp power:</b>	75 W
<b>Total luminous flux:</b>	9000 lm
<b>Light efficiency:</b>	120 lm/W
<b>CCT:</b>	5700 K
<b>CRI:</b>	80
<b>Light distribution:</b>	(Symmetrical) Wide flood (half value angle 45°...125°)

**Light output 4 (LED 5700K - CRI 80):**

<b>Lamp type:</b>	LED
<b>Lamp power:</b>	75 W
<b>Total luminous flux:</b>	9000 lm
<b>Light efficiency:</b>	120 lm/W
<b>CCT:</b>	5700 K
<b>CRI:</b>	80
<b>Light distribution:</b>	(Symmetrical) Wide flood (half value angle 45°...125°)

# Data sheet

L711F964 - High Bay Floodlight Standard 280 - 60deg



Distance	Cone diameter	Beam diameter	E(0°)	E(C90)	E(C0)	Illuminance
0.5	0.67 0.51	0.67 0.51	32085	34.0°	27.1°	11356
1.0	1.35 1.02	1.35 1.02	8021	34.0°	27.1°	2839
1.5	2.02 1.54	2.02 1.54	3565	34.0°	27.1°	1262
2.0	2.70 2.05	2.70 2.05	2005	34.0°	27.1°	710
2.5	3.37 2.56	3.37 2.56	1283	34.0°	27.1°	454
3.0	4.05 3.07	4.05 3.07	891	34.0°	27.1°	315

— C0/C180 (Half-peak divergence: 54.2°)  
— C90/C270 (Half-peak divergence: 68.0°)

### Glare evaluation according to UGR

Observer position	Room size X	Room size Y	Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis							
ρ Ceiling	70	70	50	50	30	70	70	50	50	30	70	70	50	50	30
ρ Walls	50	30	50	30	30	50	30	50	30	30	50	30	50	30	30
ρ Floor	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
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 36000lm total luminous flux

Status 08.12.2020

Technical amendments and errors reserved.