

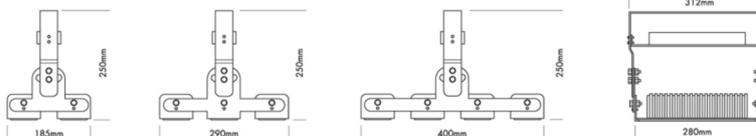
## Data sheet

L711F394 - High Bay Floodlight Standard 200 - 80deg

# PROLED®

Article name: High Bay Floodlight Standard 200 - 80deg

Article number: L711F394



### 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:** 174.9 W

**Current:** 100-240 V

**Safety class:** 1

**EEL:** A++ - A

**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°)

Status 08.12.2020

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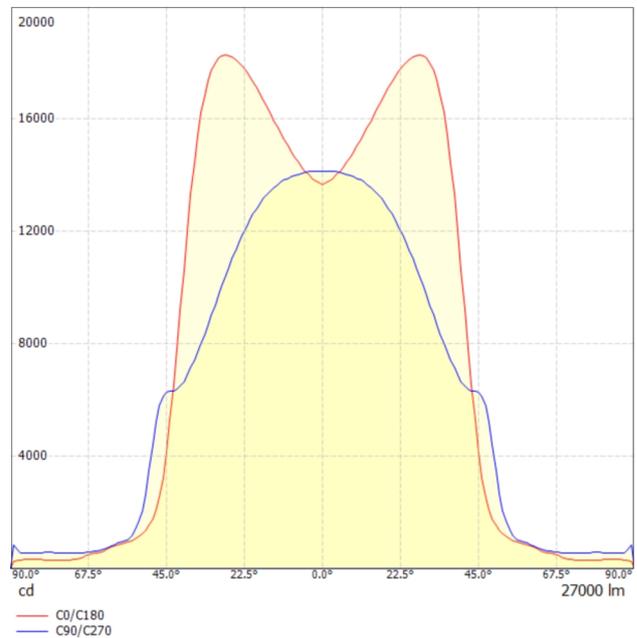
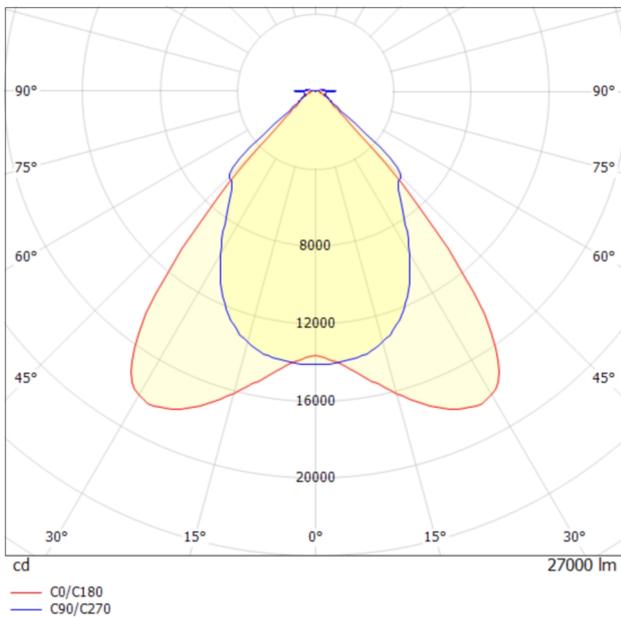
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**Light output 2 (LED 5700K - CRI 80):**

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

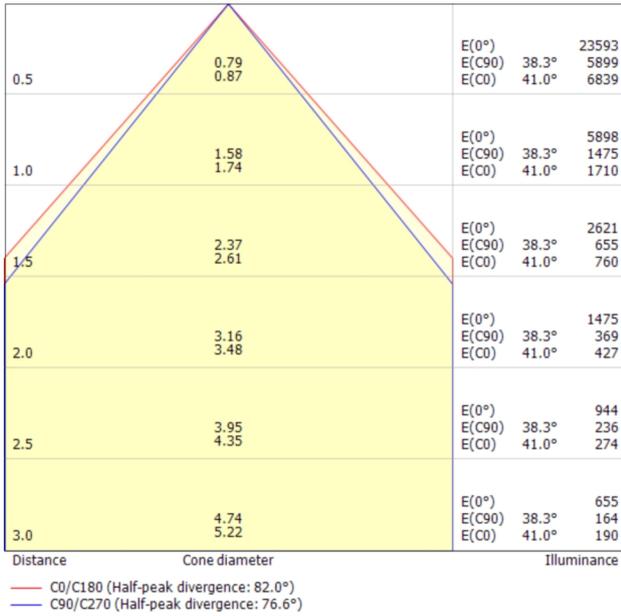
**Light output 3 (LED 5700K - CRI 80):**

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



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## Glare evaluation according to UGR

Room size	X	Y	Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis				
p Ceiling	70	70	50	50	30	30	70	70	50	50	30	30
p Walls	50	30	50	30	30	30	50	30	50	30	30	30
p Floor	20	20	20	20	20	20	20	20	20	20	20	20
2H	2H	29.4	30.3	29.7	30.5	30.8	28.9	29.8	29.2	30.0	30.3	
2H	3H	29.4	30.2	29.7	30.5	30.8	29.0	29.9	29.4	30.1	30.4	
2H	4H	29.4	30.1	29.7	30.5	30.8	29.3	30.0	29.6	30.3	30.6	
2H	6H	29.4	30.2	29.8	30.5	30.8	29.8	30.5	30.1	30.8	31.1	
2H	8H	29.5	30.2	29.9	30.6	30.9	30.1	30.8	30.5	31.2	31.5	
2H	12H	29.7	30.3	30.1	30.7	31.0	30.6	31.3	31.0	31.6	32.0	
4H	2H	29.3	30.0	29.6	30.3	30.6	28.8	29.5	29.1	29.9	30.2	
4H	3H	29.3	30.0	29.7	30.3	30.7	29.0	29.7	29.4	30.0	30.4	
4H	4H	29.4	30.0	29.8	30.4	30.8	29.4	30.0	29.8	30.4	30.8	
4H	6H	29.6	30.1	30.0	30.5	30.9	30.2	30.6	30.6	31.1	31.5	
4H	8H	29.8	30.2	30.3	30.7	31.1	30.7	31.2	31.2	31.6	32.0	
4H	12H	30.1	30.5	30.5	30.9	31.4	31.4	31.8	31.9	32.3	32.8	
8H	4H	29.5	29.9	29.9	30.3	30.8	29.5	29.9	29.9	30.3	30.8	
8H	6H	29.8	30.2	30.3	30.6	31.1	30.4	30.8	30.9	31.3	31.8	
8H	8H	30.1	30.5	30.7	30.9	31.5	31.2	31.5	31.7	32.0	32.5	
8H	12H	30.6	30.9	31.1	31.4	31.9	32.1	32.4	32.7	32.9	33.5	
12H	4H	29.5	29.9	30.0	30.3	30.8	29.5	29.9	29.9	30.3	30.8	
12H	6H	29.9	30.2	30.4	30.7	31.2	30.5	30.8	31.0	31.3	31.8	
12H	8H	30.3	30.6	30.9	31.1	31.7	31.3	31.6	31.8	32.1	32.6	
Variation of the observer position for the luminaire distances S												
S = 1.0H	+2.0 / -2.3					+0.8 / -1.1						
S = 1.5H	+4.1 / -2.7					+1.5 / -1.4						
S = 2.0H	+6.0 / -3.2					+2.7 / -1.7						
Standard table	BK02					---						
Correction summand	12.4					---						
Correction glare indices referring to 27000lm total luminous flux												

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