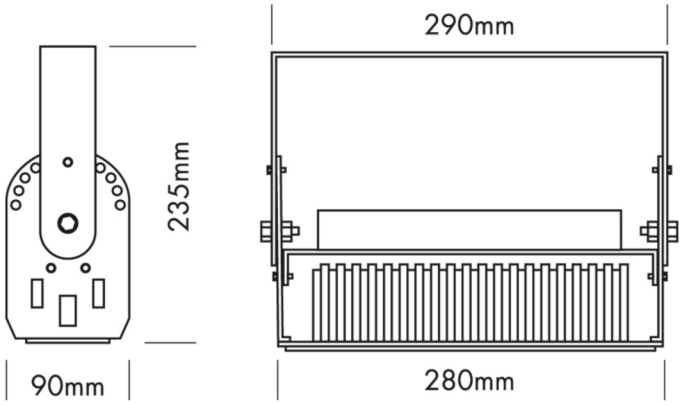
Data sheet

L711F194 - High Bay Floodlight Standard 70 - 80deg

Article name: High Bay Floodlight Standard 70 - 80deg

Article number: L711F194



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:	80 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:	29.8

Shape and dimensions:

Length:	290 mm
Width:	90 mm
Height:	235 mm
Weight:	2.5 kg

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

Lamp type:	LED
Lamp power:	80 W
Total luminous flux:	9500 lm
Light efficiency:	118.8 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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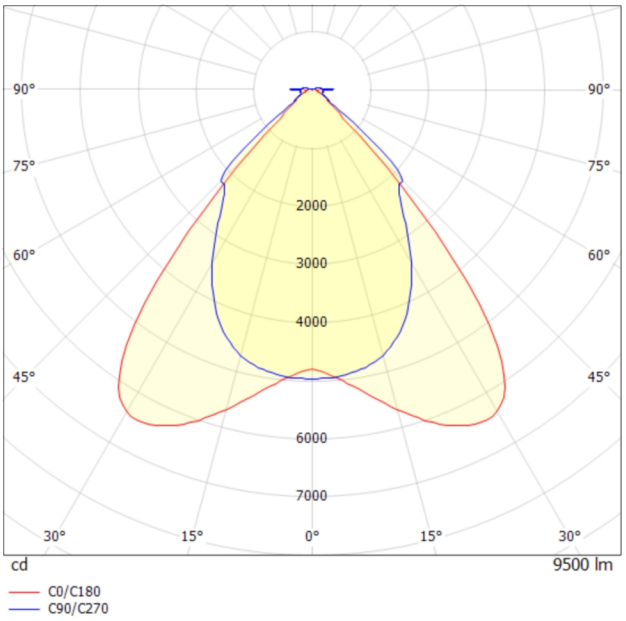

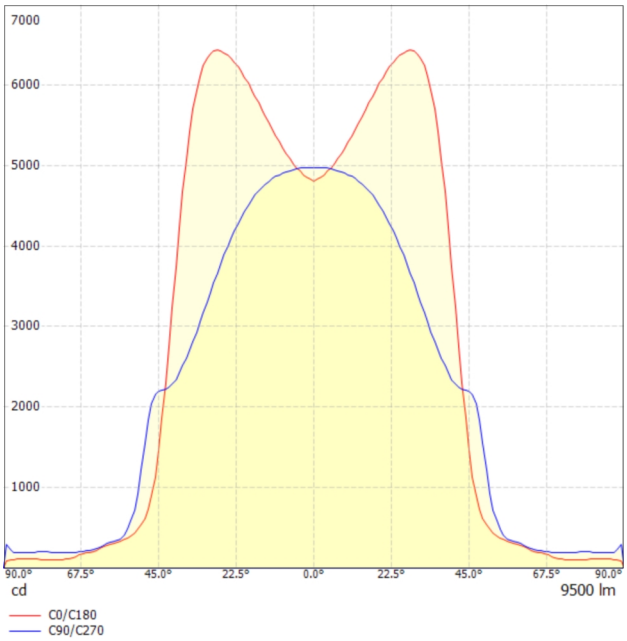

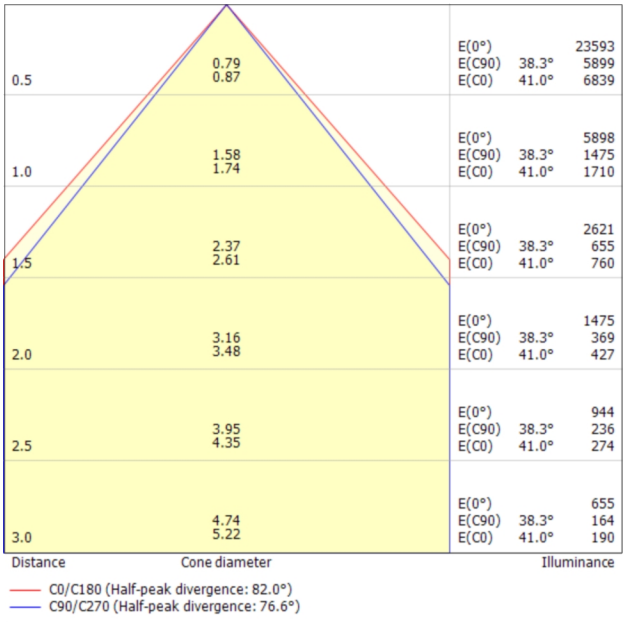

Glare evaluation according to UGR

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	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 9500lm total luminous flux

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Technical amendments and errors reserved.

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