

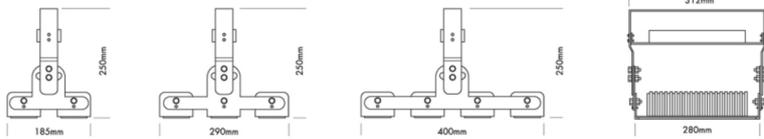
Data sheet

L711F294 - High Bay Floodlight Standard 140 - 80deg

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Article name: High Bay Floodlight Standard 140 - 80deg

Article number: L711F294



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: 145 W

Current: 100-240 V

Safety class: 1

EEL: A++ - A

UGR: -

Shape and dimensions:

Length: 312 mm

Width: 185 mm

Height: 250 mm

Weight: 3.3 kg

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

Lamp type: LED

Lamp power: 72.5 W

Total luminous flux: 9000 lm

Light efficiency: 124.1 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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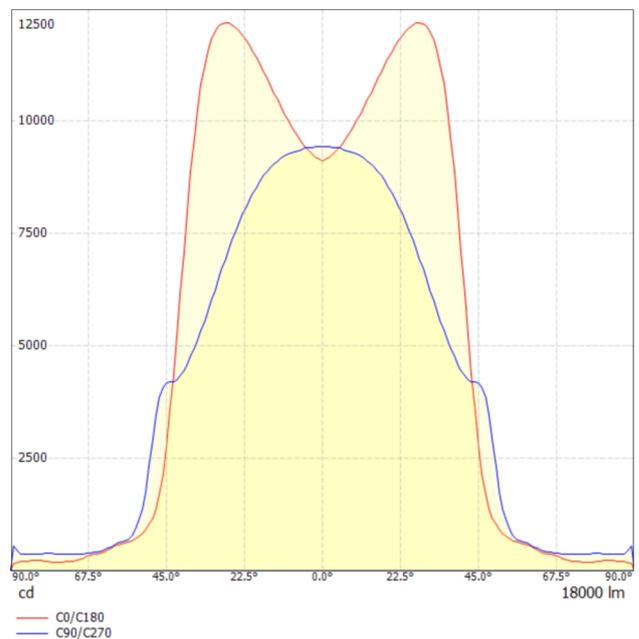
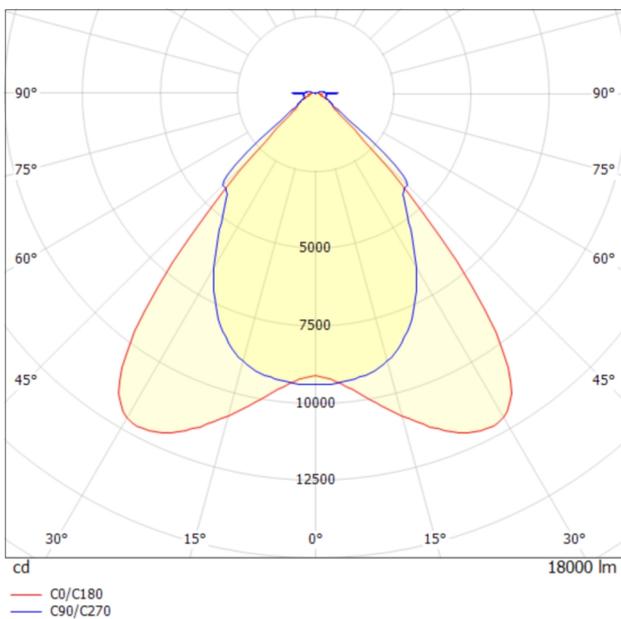
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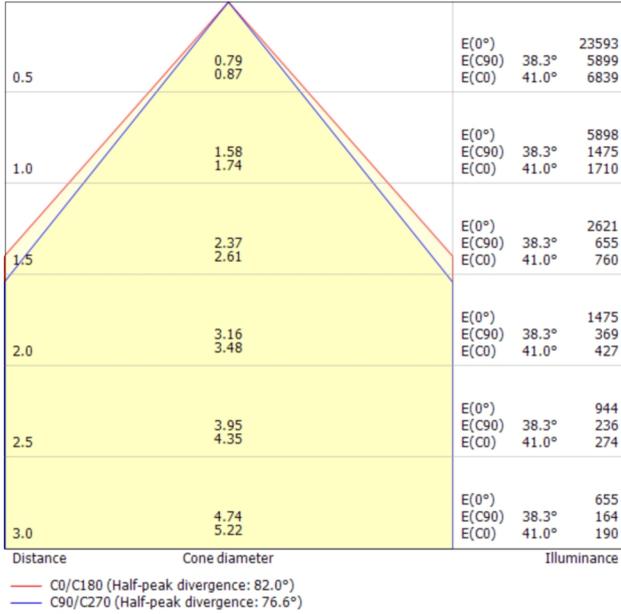
Light output 2 (LED 5700K - CRI 80):

Lamp type:	LED
Lamp power:	72.5 W
Total luminous flux:	9000 lm
Light efficiency:	124.1 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

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
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 18000lm total luminous flux												

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