

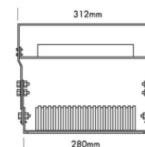
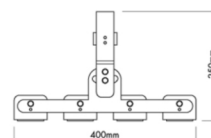
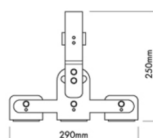
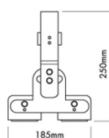
Data sheet

L711F994 - High Bay Floodlight Standard 280 - 80deg

PROLED®

Article name: High Bay Floodlight Standard 280 - 80deg

Article number: L711F994



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®

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):

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°)

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

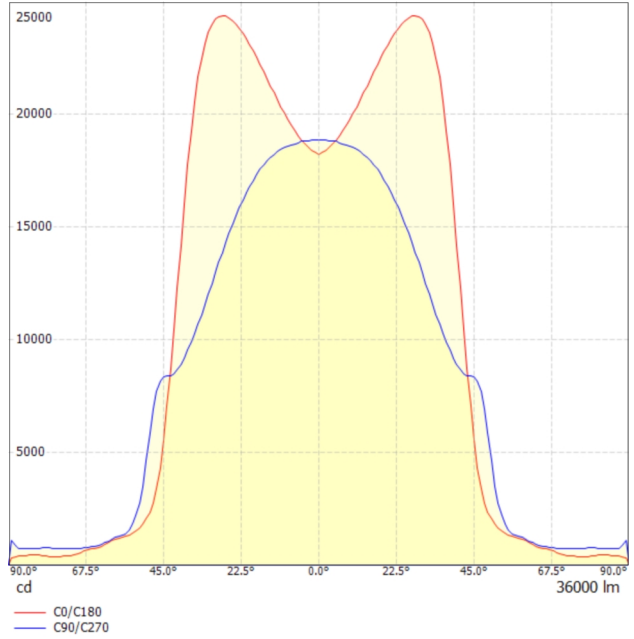
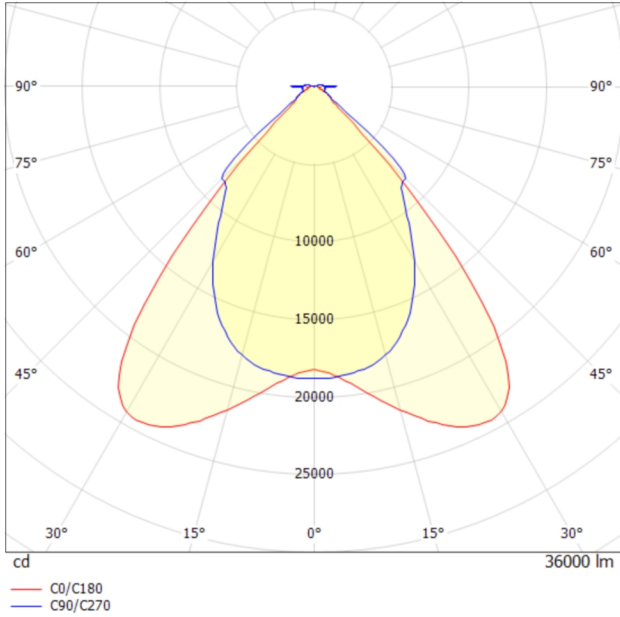
Lamp type:	LED
Lamp power:	75 W
Total luminous flux:	9000 lm
Light efficiency:	120 lm/W
CCT:	5700 K
CRI:	80
Light distribution:	(Symmetrical) Wide flood (half value angle 45°...125°)

Light output 4 (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°)

Data sheet

L711F994 - High Bay Floodlight Standard 280 - 80deg



Distance	Cone diameter	Beam type	E(0°)	E(C90)	E(C0)	illuminance
0.5	0.79 0.87	C0/C180	23593	5899	6839	
			5898	1475	1710	
1.0	1.58 1.74	C0/C180	2621	655	760	
			1475	369	427	
1.5	2.37 2.61	C0/C180	944	164	190	
			1475	369	427	
2.0	3.16 3.48	C0/C180	655	164	190	
			1475	369	427	
2.5	3.95 4.35	C0/C180	655	164	190	
			1475	369	427	
3.0	4.74 5.22	C0/C180	655	164	190	
			1475	369	427	

Distance Cone diameter Illuminance

— C0/C180 (Half-peak divergence: 82.0°)
— C90/C270 (Half-peak divergence: 76.6°)

Glare evaluation according to UGR

	70	70	50	50	30	70	70	50	50	30
p Ceiling	70	70	50	50	30	70	70	50	50	30
p Walls	50	30	50	30	30	50	30	50	30	30
p 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	3H	4H	6H	8H	2H	3H	4H	6H	8H
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	+2.0 / -2.3	+0.8 / -1.1
S = 1.0H	+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 36000lm total luminous flux

Status 08.12.2020

Technical amendments and errors reserved.