

LUMINAIRE PHOTOMETRIC TEST REPORT

8782 CL KOS LED 8W, 3000K



Description Lines

Manufacturer:	NOWODVORSKI LIGHTING
Model name:	8782 CL KOS LED 8W,3000K
File name:	8782 CL KOS LED 8W,3000K.ltd
Date:	2019-08-19
Report number:	EF 19/08/2019/20
Diameter:	120mm
Height:	35mm
IP rating:	IP 44
Protection class:	II
Dimmable:	No

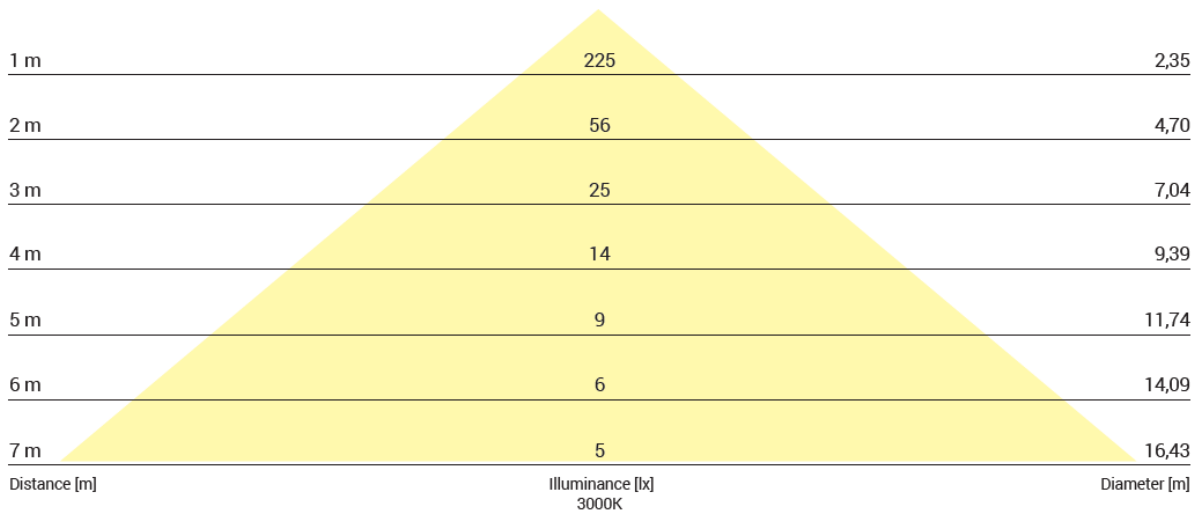
Equipment

Test system:	EVERFINE GO-2000B_V1 SYSTEM V2.00.417
Temperature:	25 +/-1 °C
Humidity:	65.0%
γ interval:	1 deg
C interval:	10 deg
γ range:	0-90 deg
Measurement distance:	6.56 m

Photometric data

Total luminous flux:	555.512 lm
Color temperature:	3063 K
x:	0.4298
y:	0.3967
Color rendering index:	82.7
Wattage:	7.2542 W
U	230.73 V
I	0.0610 A
Power factor:	0.5150
Luminous efficacy:	76.58 lm/W
Flux in lower hemisphere:	100.0%
Flux in upper hemisphere:	0.0%
Maximum luminous intensity:	224.9 cd
Light output ratio (LOR):	100.00%

Beam cone diagram
Beam angle 100°



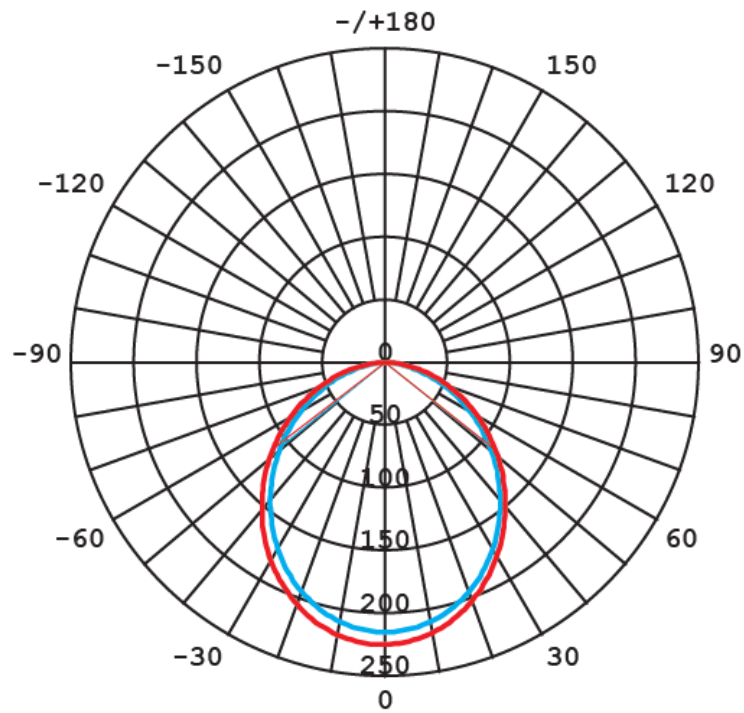
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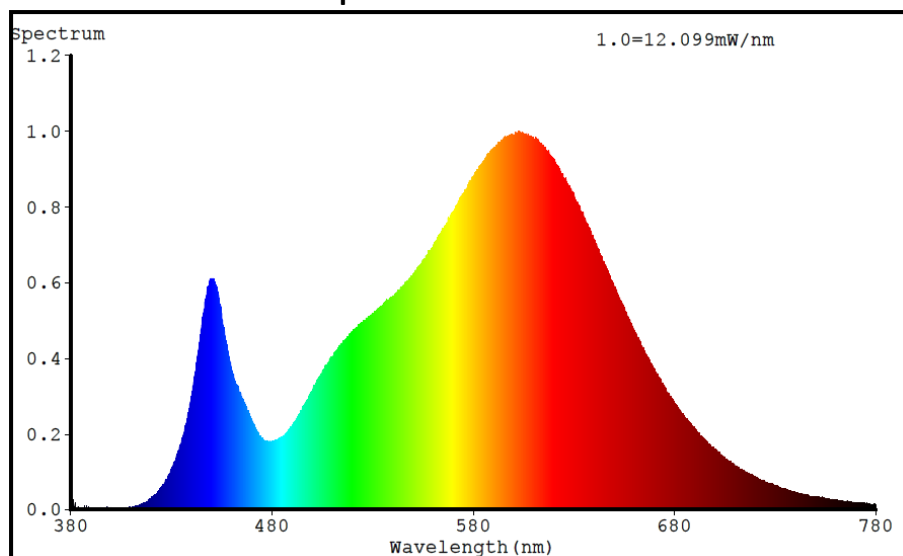
LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



Luminous intensity [cd]

C0-C180 —
C90-C270 —

Spectral distribution



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