

LUMINAIRE PHOTOMETRIC TEST REPORT

8718 CL DIA LED 30W, 4000K



Description Lines

Manufacturer:	NOWODVORSKI LIGHTING
Model name:	8718 CL DIA LED 30W,4000K
File name:	8718 CL DIA LED 30W,4000K.ltd
Date:	2019-12-06
Report number:	EF 06/12/2019/3
Length:	171mm
Width:	171mm
Height:	122mm
IP rating:	IP 20
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:	2 deg
C interval:	10 deg
γ range:	0-180 deg
Measurement distance:	6.56 m

Nowodvorski sp. j.

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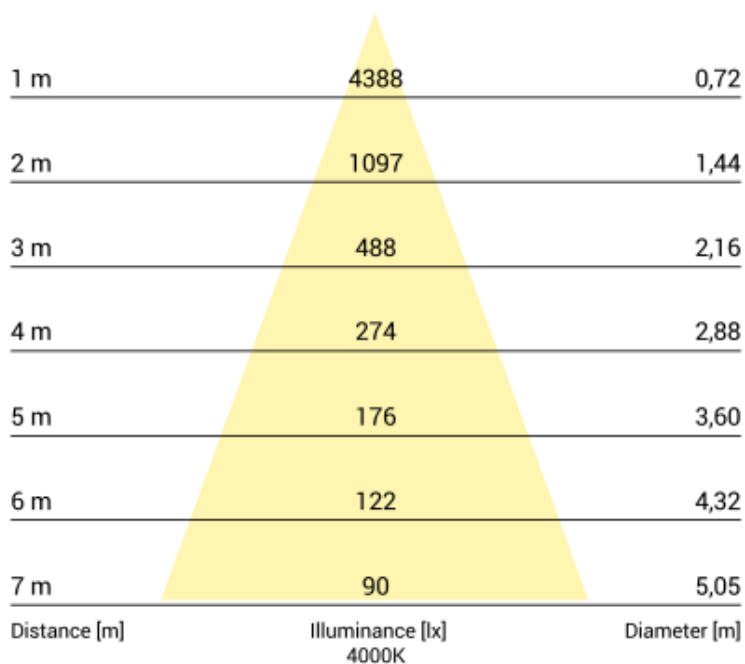
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Photometric data

Total luminous flux:	2355.66 lm
Color temperature:	3999 K
x:	0.3813
y:	0.3799
Color rendering index:	92.5
Wattage:	29.28 W
U	230.41 V
I	0.1319 A
Power factor:	0.9631
Luminous efficacy:	82.82 lm/W
Flux in lower hemisphere:	98.6%
Flux in upper hemisphere:	1.4%
Maximum luminous intensity:	4388 cd
Light output ratio (LOR):	100.00%

Beam cone diagram
Beam angle 40°



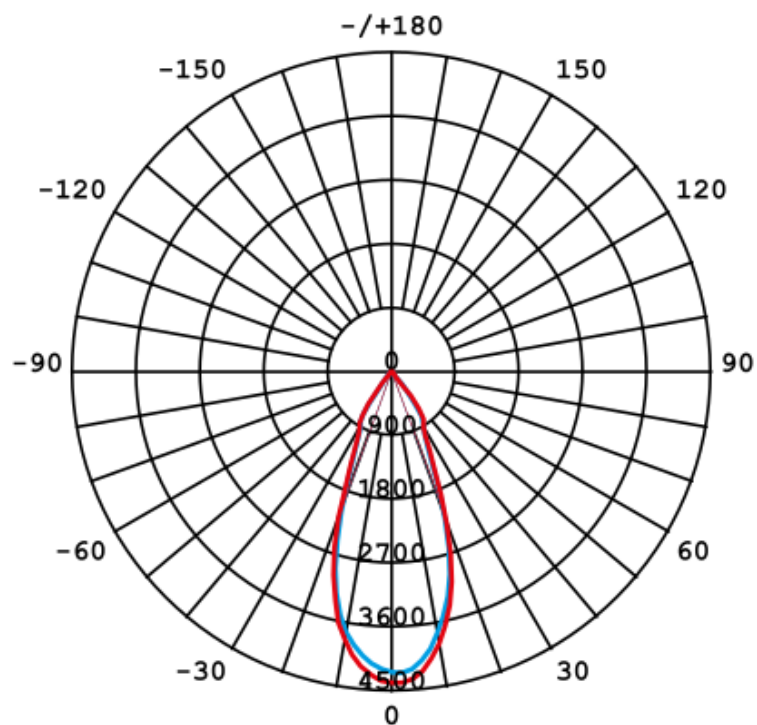
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LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

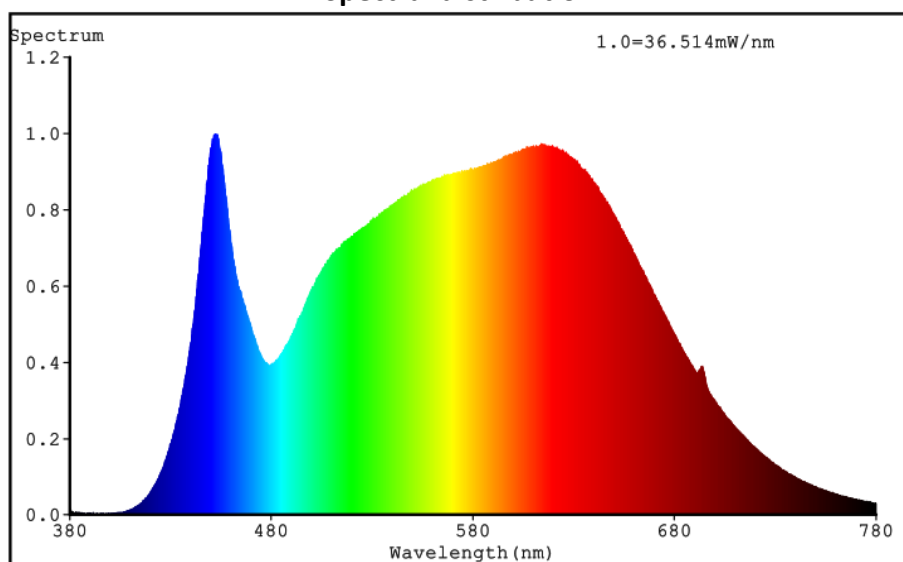


Luminous intensity [cd]

C0-C180 ———

C90-C270 ———

Spectral distribution



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