

LUMINAIRE PHOTOMETRIC TEST REPORT

8720 CL DIA LED 30W, 3000K



Description Lines

Manufacturer:	NOWODVORSKI LIGHTING
Model name:	8720 CL DIA LED 30W,3000K
File name:	8720 CL DIA LED 30W,3000K.ltd
Date:	2019-12-06
Report number:	EF 20/12/2019/4
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:	1 deg
C interval:	10 deg
γ range:	0-90 deg
Measurement distance:	6.56 m

Nowodvorski sp. j.

ul. Bojemskiego 11, 42-202 Częstochowa, POLSKA, NIP: PL 5731015208

Tel. +48 34 344 91 10, 344 91 11, fax +48 34 344 91 12

www.nowodvorski.com

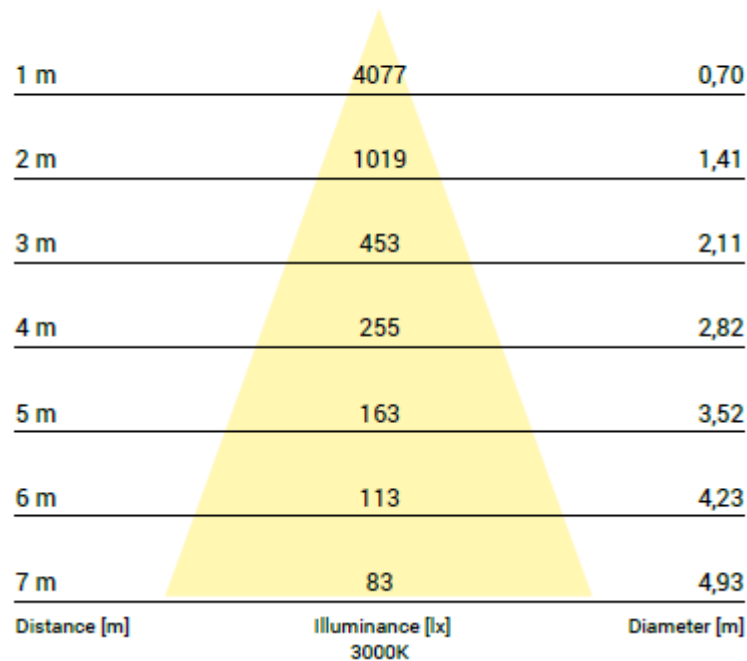
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L I G H T I N G

Photometric data

Total luminous flux:	2094.95 lm
Color temperature:	3099 K
x:	0.4326
y:	0.4071
Color rendering index:	97.4
Wattage:	28.975 W
U	230.49 V
I	0.1303 A
Power factor:	0.9651
Luminous efficacy:	72.30 lm/W
Flux in lower hemisphere:	100.0%
Flux in upper hemisphere:	1.4%
Maximum luminous intensity:	4077 cd
Light output ratio (LOR):	100.00%

Beam cone diagram
Beam angle 40°



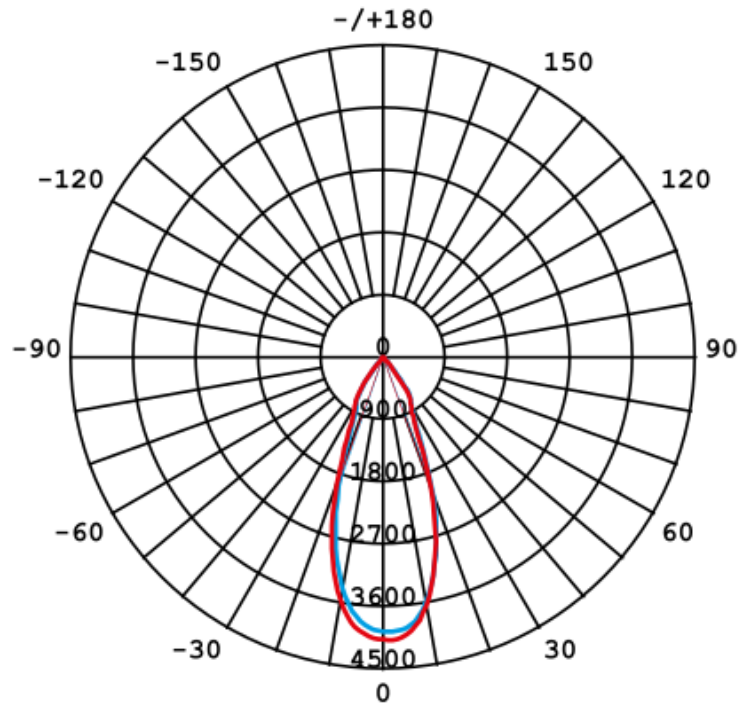
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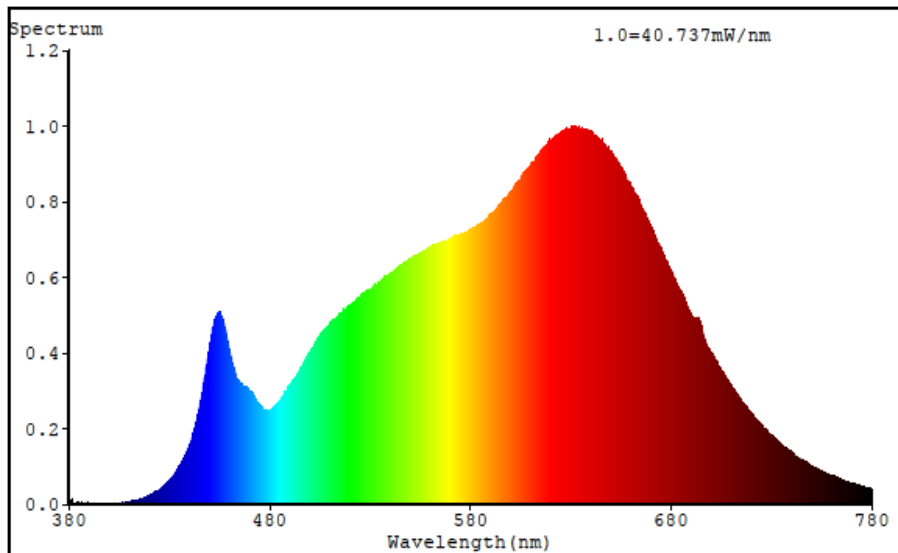
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LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



Luminous intensity [cd]
 C0-C180 — (red line)
 C90-C270 — (blue line)

Spectral distribution



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