

## 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%
$\gamma$ interval:	2 deg
C interval:	10 deg
$\gamma$ range:	0-180 deg
Measurement distance:	6.56 m

---

Nowodvorski sp. j.

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

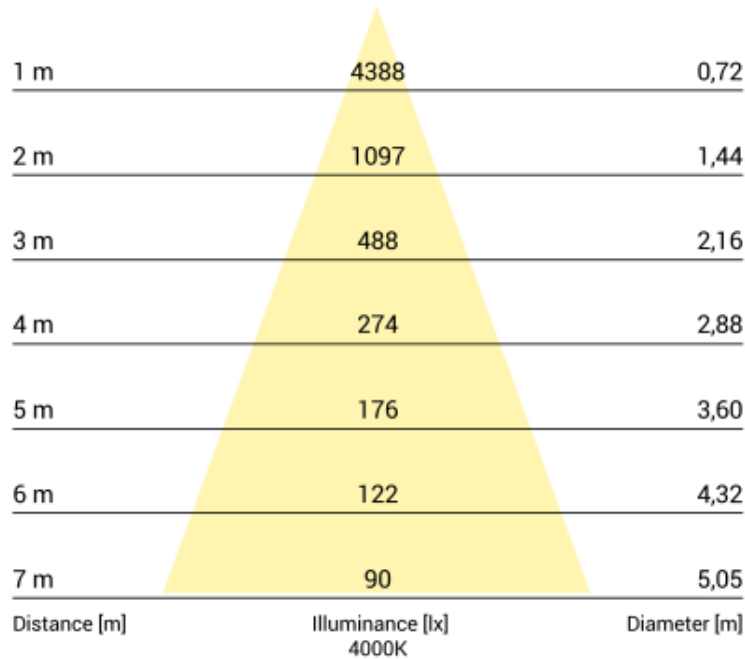
Tel. +48 34 344 91 10, 344 91 11, fax +48 34 344 91 12

[www.nowodvorski.com](http://www.nowodvorski.com)

## 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°



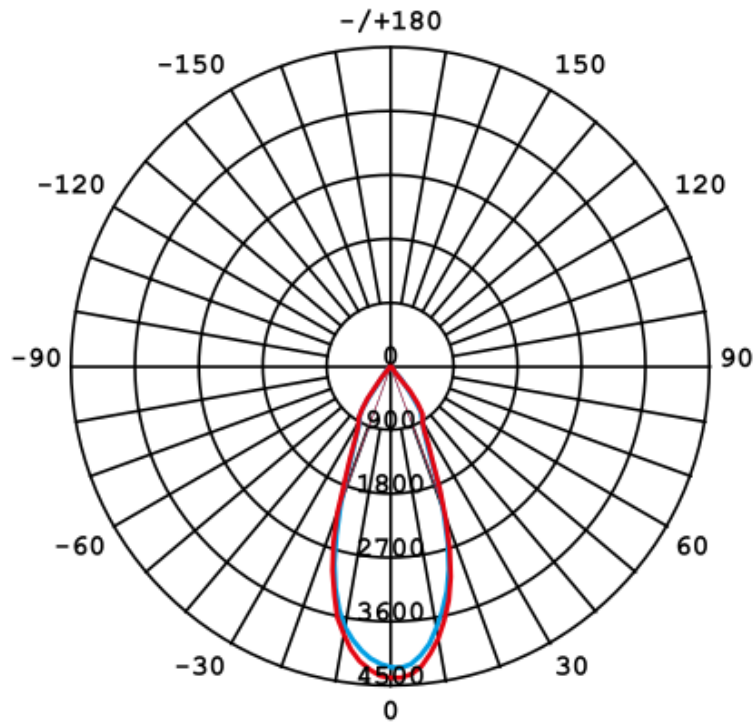
**Nowodvorski sp. j.**

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

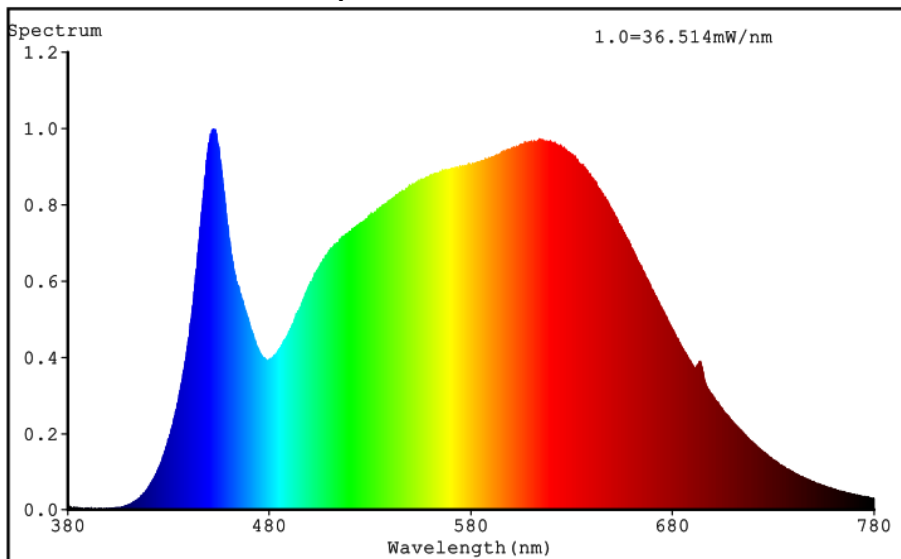
[www.nowodvorski.com](http://www.nowodvorski.com)

## LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



Luminous intensity [cd]  
C0-C180 ————  
C90-C270 ————

## Spectral distribution



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](http://www.nowodvorski.com)