

---

## LUMINAIRE PHOTOMETRIC TEST REPORT

### 8722 CL DIA LED 18W, 3000K



#### Description Lines

---

Manufacturer:	NOWODVORSKI LIGHTING
Model name:	8722,CL DIA LED 18W,3000K
File name:	8722,CL DIA LED 18W,3000K.ltd
Date:	2019-12-20
Report number:	EF 20/12/2019/6
Length:	141mm
Width:	141mm
Height:	98mm
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

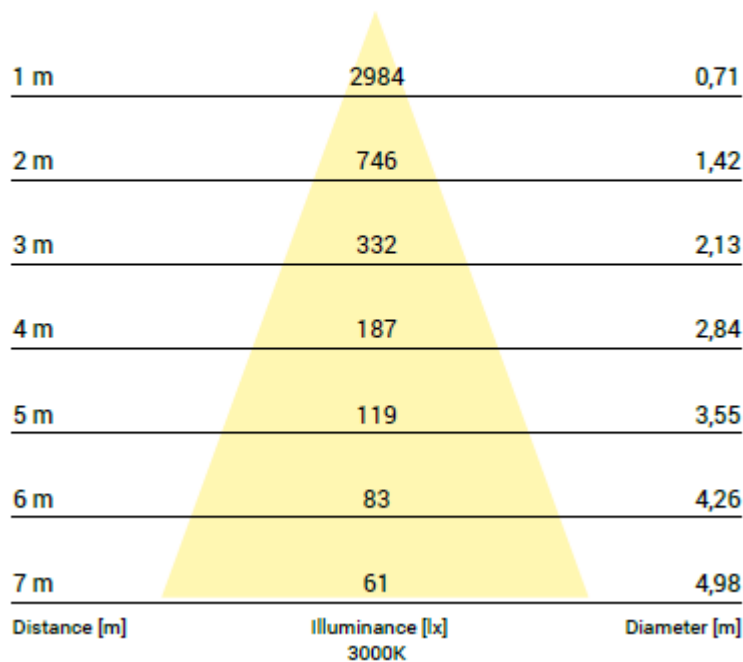
Tel. +48 34 344 91 10, 344 91 11, fax +48 34 344 91 12

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

## Photometric data

Total luminous flux:	1346.13 lm
Color temperature:	3110 K
x:	0.4319
y:	0.4069
Color rendering index:	96.8
Wattage:	19.775 W
U	230,53 V
I	0,0880 A
Power factor:	0,9747
Luminous efficacy:	68.07 lm/W
Flux in lower hemisphere:	100.0%
Flux in upper hemisphere:	0.0%
Maximum luminous intensity:	2984 cd
Light output ratio (LOR):	100.00%

**Beam cone diagram**  
Beam angle 40°



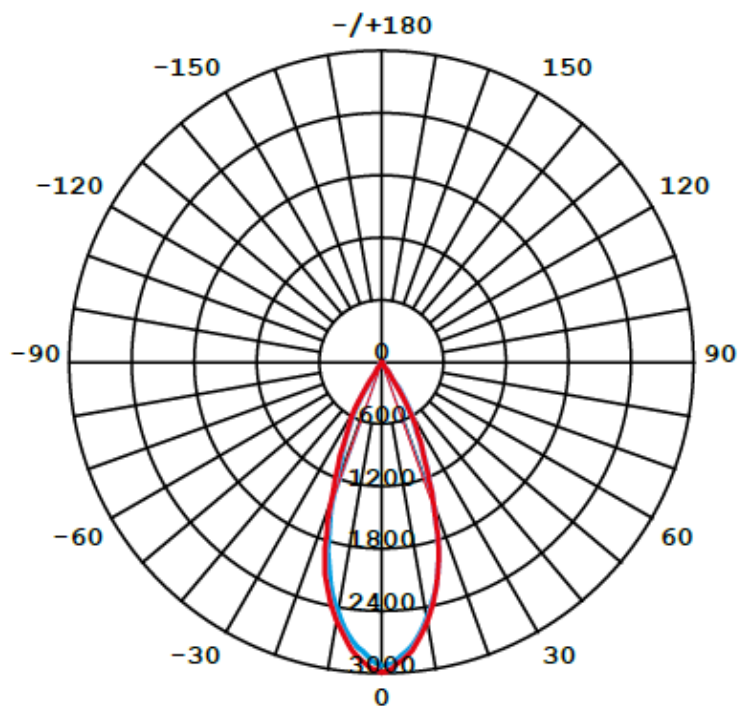
**Nowodvorski sp. j.**

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

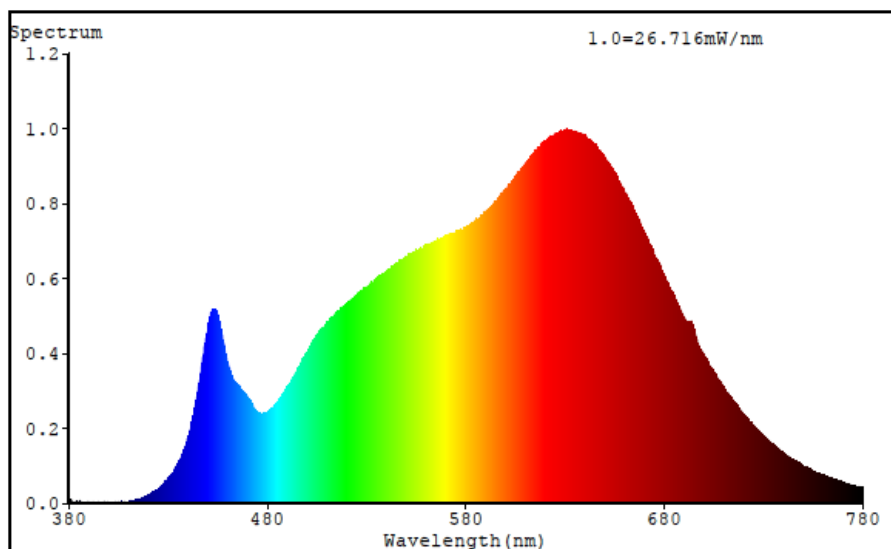
[www.nowodvorski.com](http://www.nowodvorski.com)

## 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)