

---

## LUMINAIRE PHOTOMETRIC TEST REPORT

### 8770 CL KEA LED 30W, 4000K



#### Description Lines

---

Manufacturer:	NOWODVORSKI LIGHTING
Model name:	8770 CL KEA LED 30W,4000K
File name:	8770 CL KEA LED 30W,4000K.ltd
Date:	2019-10-28
Report number:	EF 28/10/2019/9
Diameter:	165mm
Height:	86mm
IP rating:	IP 44/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.

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

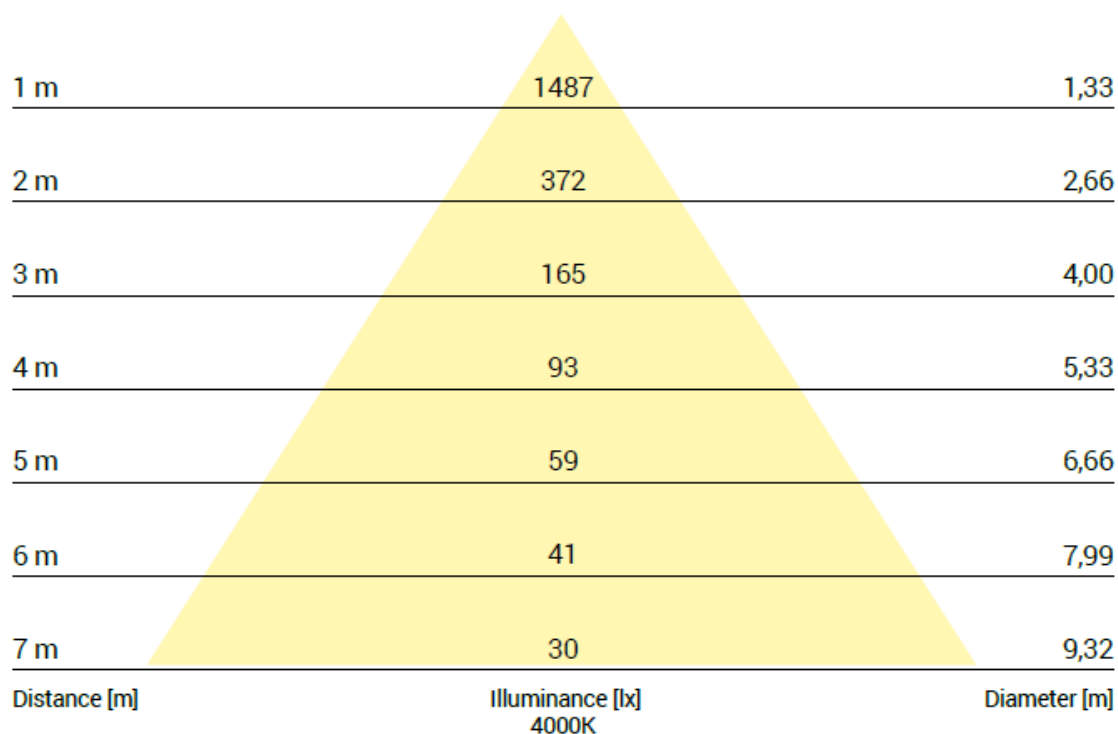
Tel. +48 34 344 91 10, 344 91 11, fax +48 34 344 91 12

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

## Photometric data

Total luminous flux:	1818.95 lm
Color temperature:	3857 K
x:	0.3894
y:	0.3888
Color rendering index:	94.4
Wattage:	27.43 W
U	220.57 V
I	0.1288 A
Power factor:	0.9657
Luminous efficacy:	66.31 lm/W
Flux in lower hemisphere:	98.7%
Flux in upper hemisphere:	1.3%
Maximum luminous intensity:	1487 cd
Light output ratio (LOR):	100.00%

### Beam cone diagram Beam angle 65°



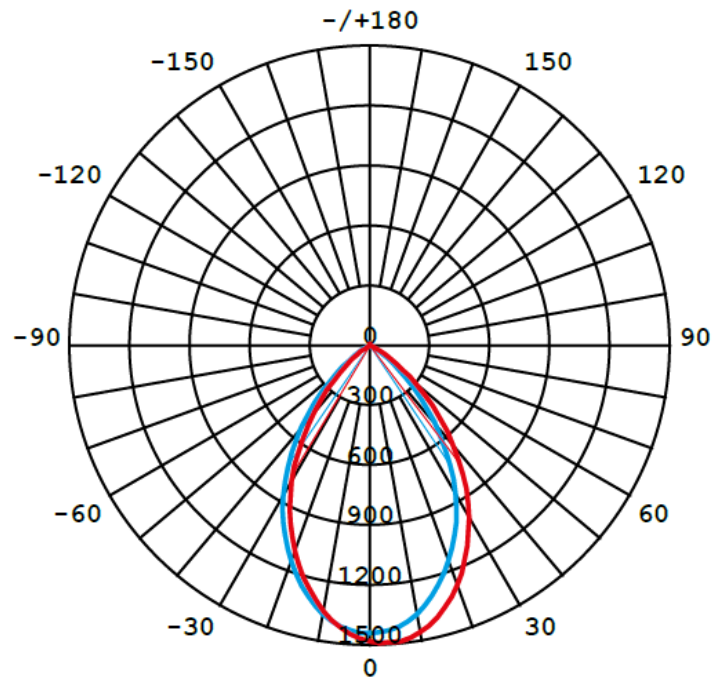
Nowodvorski sp. j.

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

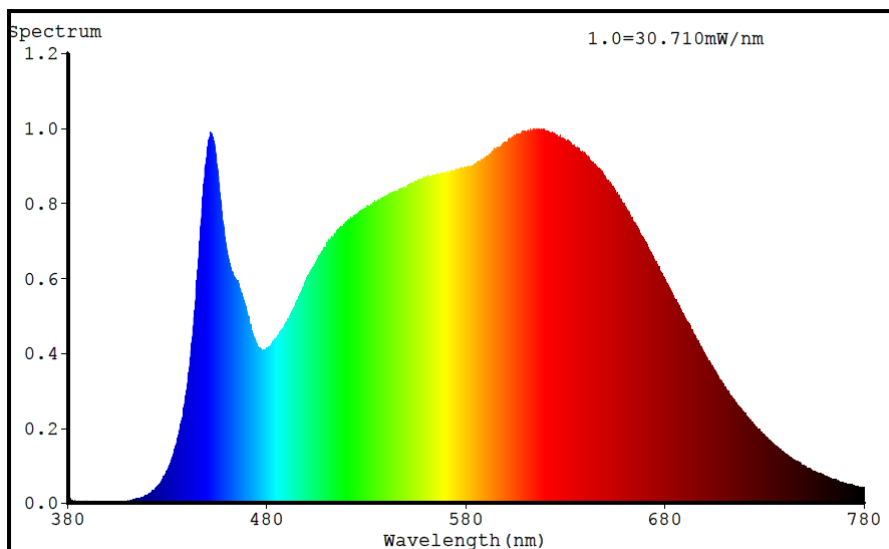
[www.nowodvorski.com](http://www.nowodvorski.com)

## 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)