

## LUMINAIRE PHOTOMETRIC TEST REPORT

### 8774 CL KOS LED 24W, 4000K



#### Description Lines

---

Manufacturer:	NOWODVORSKI LIGHTING
Model name:	8774 CL KOS LED 24W,4000K
File name:	8774 CL KOS LED 24W,4000K.ltd
Date:	2019-08-19
Report number:	EF 19/08/2019/13
Diameter:	225mm
Height:	36mm
IP rating:	IP 44
Protection class:	II
Dimmable:	No

#### Equipment

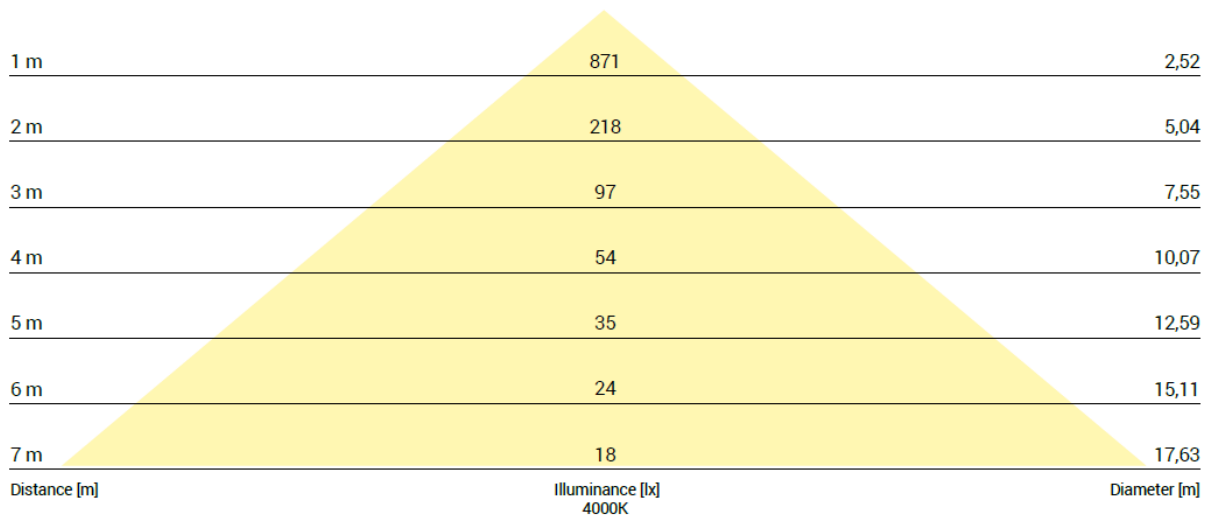
---

Test system:	EVERFINE GO-2000B_V1 SYSTEM V2.00.417
Temperature:	25 +/-1 °C
Humidity:	65.0%
$\gamma$ interval:	1 deg
C interval:	10 deg
$\gamma$ range:	0-90 deg
Measurement distance:	6.56 m

## Photometric data

Total luminous flux:	2254.74 lm
Color temperature:	3884 K
x:	0.3787
y:	0.3731
Color rendering index:	94.1
Wattage:	22.143 W
U	230.74 V
I	0.1920 A
Power factor:	0.5
Luminous efficacy:	101.83 lm/W
Flux in lower hemisphere:	100.0%
Flux in upper hemisphere:	0.0%
Maximum luminous intensity:	870.7 cd
Light output ratio (LOR):	100.00%

**Beam cone diagram**  
Beam angle 100°



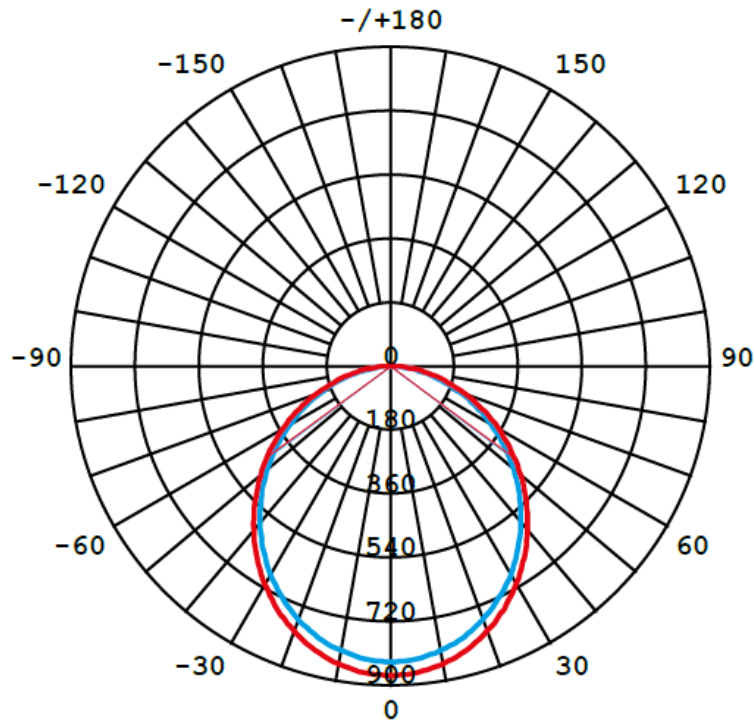
**Nowodvorski sp. j.**

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

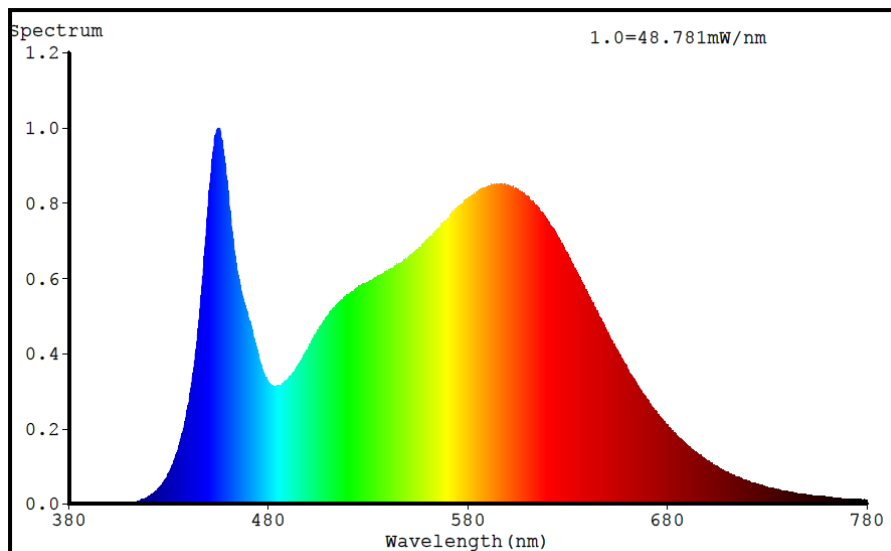
[www.nowodvorski.com](http://www.nowodvorski.com)

## 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)