

## LUMINAIRE PHOTOMETRIC TEST REPORT

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



#### Description Lines

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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

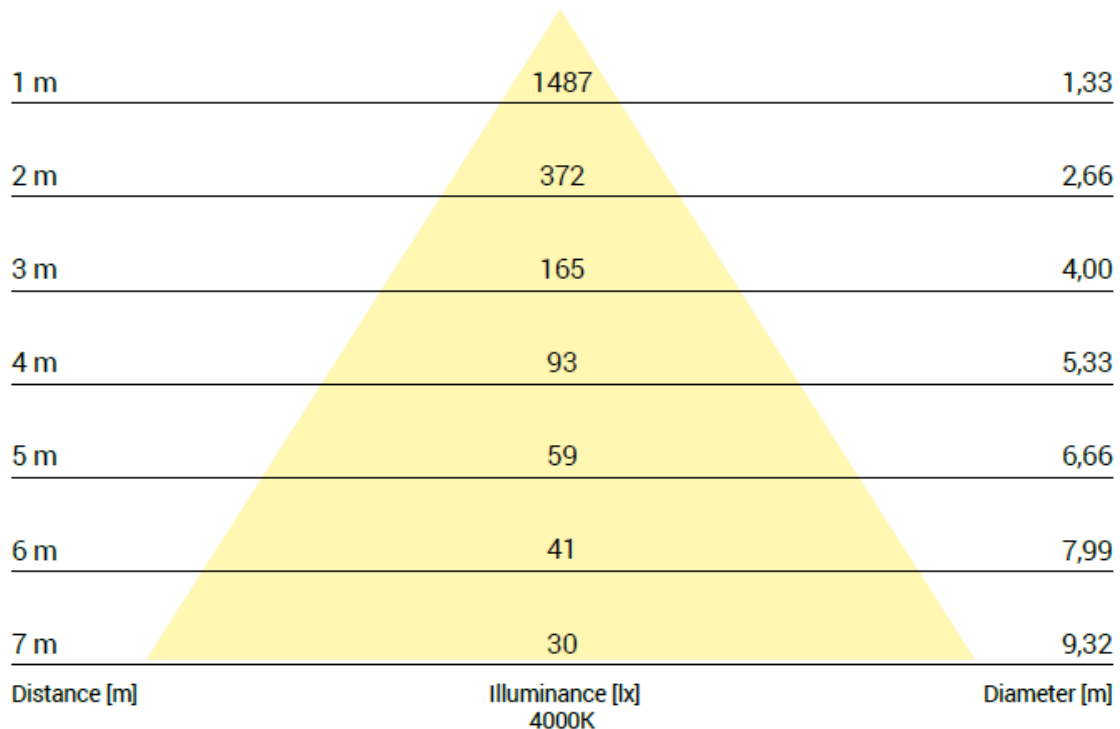
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Test system:	EVERFINE GO-2000B_V1 SYSTEM V2.00.417
Temperature:	25 +/-1 °C
Humidity:	65.0%
$\gamma$ interval:	2 deg
C interval:	10 deg
$\gamma$ range:	0-180 deg
Measurement distance:	6.56 m

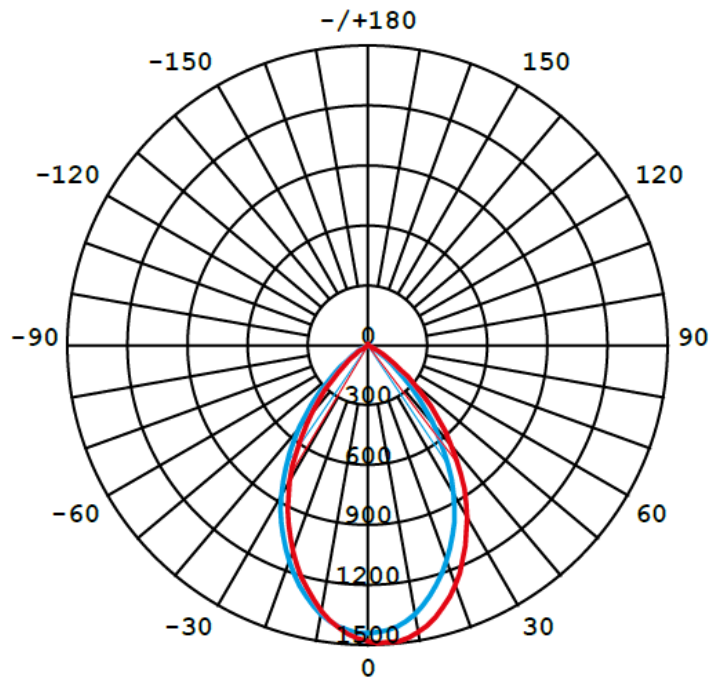
## Photometric data

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°

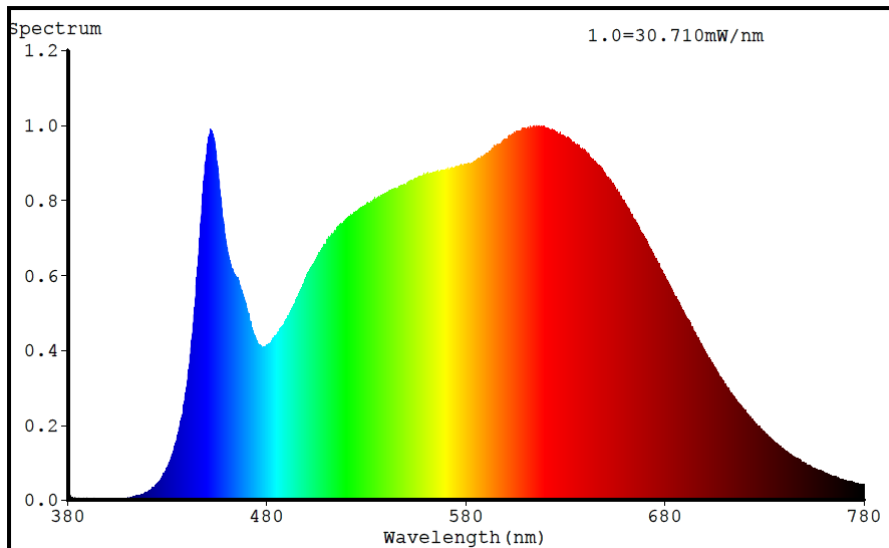


## LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



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

## Spectral distribution



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