

## LUMINAIRE PHOTOMETRIC TEST REPORT

### 8756 CTLS NEA LED WHITE 20W, 4000K, ANGLE23°



#### Description Lines

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Manufacturer:	NOWODVORSKI LIGHTING
Model name:	8756 CTLS NEA LED WHITE 20W,4000K,ANGLE23
File name:	8756 CTLS NEA LED WHITE 20W,4000K,ANGLE23.ltd
Date:	2019-08-19
Report number:	EF 19/08/2019/42; EF 12/12/2019/41
Length:	150 mm
Width:	63 mm
Height:	195 mm
IP rating:	IP 20
Protection class:	I
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

Nowodvorski sp. j.

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

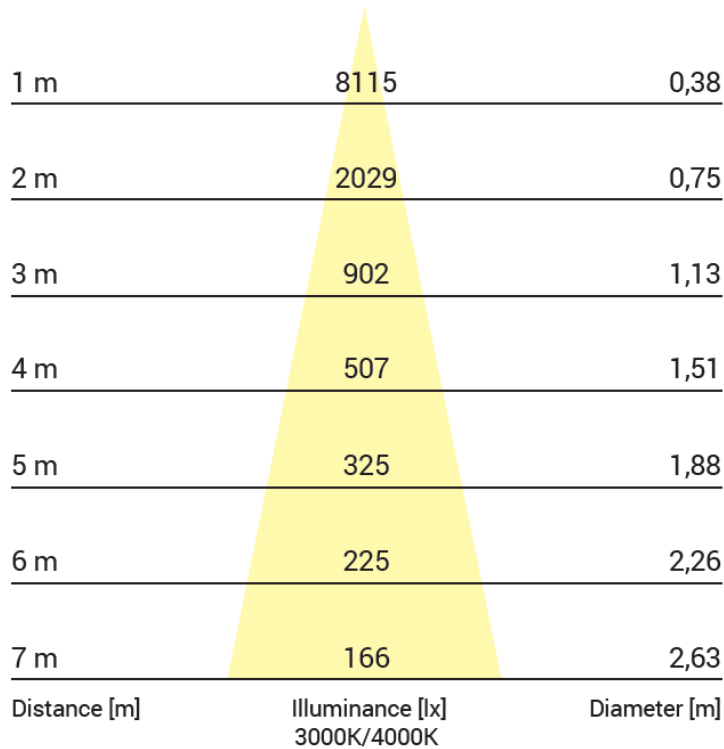
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## Photometric data

Total luminous flux:	1668.84 lm
Color temperature:	3918 K
x:	0.3853
y:	0.3831
Color rendering index:	93.3
Wattage:	19.222 W
U	230.52 V
I	0.0856 A
Power factor:	0,9737
Luminous efficacy:	86.82 lm/W
Flux in lower hemisphere:	98.6%
Flux in upper hemisphere:	1.4%
Maximum luminous intensity:	8130 cd
Light output ratio (LOR):	100.00%

### Beam cone diagram Beam angle 23°



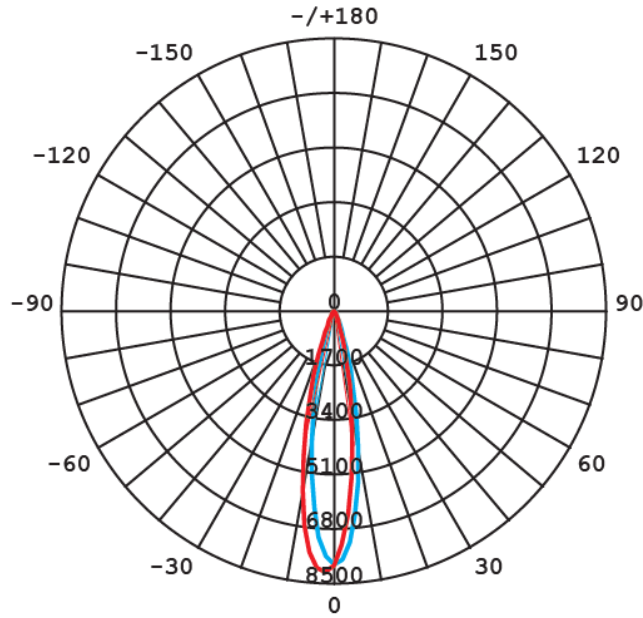
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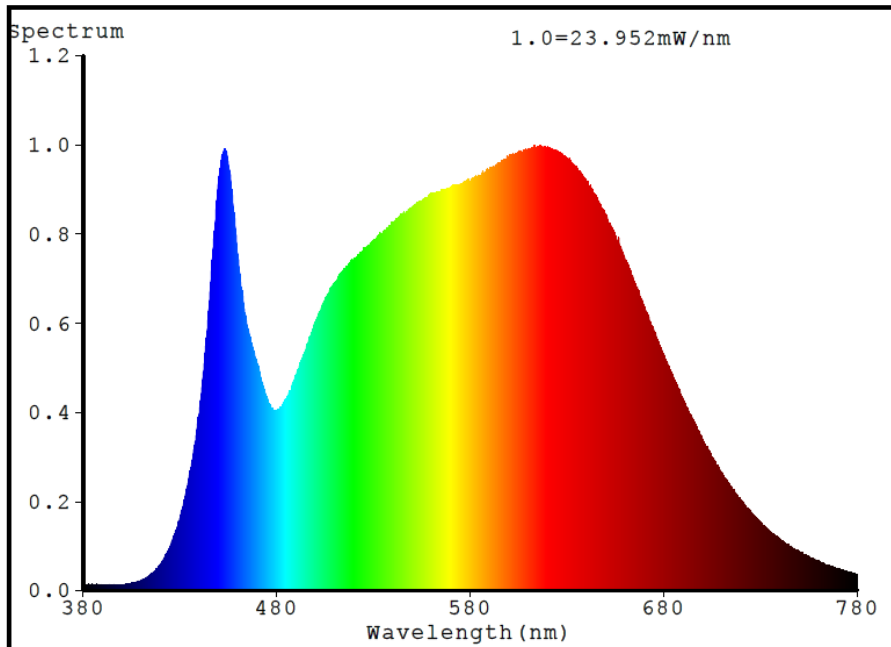
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## LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



Luminous intensity [cd]  
C0-C180 — (red line)  
C90-C270 — (blue line)

## Spectral distribution



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