

LUMINAIRE PHOTOMETRIC TEST REPORT

8751 CTLS NEA LED BLACK 30W, 3000K, ANGLE20°



Description Lines

Manufacturer:	NOWODVORSKI LIGHTING
Model name:	8751 CTLS NEA LED BLACK 30W,3000K,ANGLE20
File name:	8751 CTLS NEA LED BLACK 30W,3000K,ANGLE20.ltd
Date:	2019-12-06
Report number:	EF 06/12/2019/36; EF 09/11/2019/40
Length:	170 mm
Width:	75 mm
Height:	205 mm
IP rating:	IP 20
Protection class:	I
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

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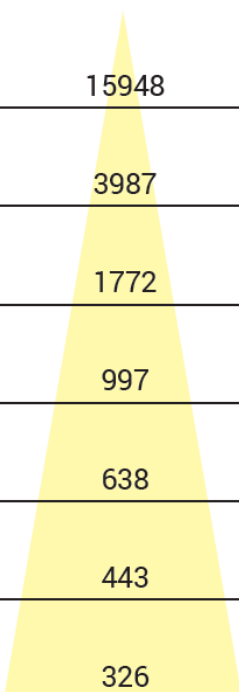
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Photometric data

Total luminous flux:	2834.29 lm
Color temperature:	3005 K
x:	0.4391
y:	0.4091
Color rendering index:	92.1
Wattage:	28.87 W
U	229.73 V
I	0.1303 A
Power factor:	0.9646
Luminous efficacy:	100.06 lm/W
Flux in lower hemisphere:	98.6%
Flux in upper hemisphere:	1.4%
Maximum luminous intensity:	15948 cd
Light output ratio (LOR):	100.00%

Beam cone diagram Beam angle 20°



1 m	15948	0,35
2 m	3987	0,70
3 m	1772	1,05
4 m	997	1,40
5 m	638	1,75
6 m	443	2,10
7 m	326	2,44
Distance [m]	Illuminance [lx] 3000K/4000K	Diameter [m]

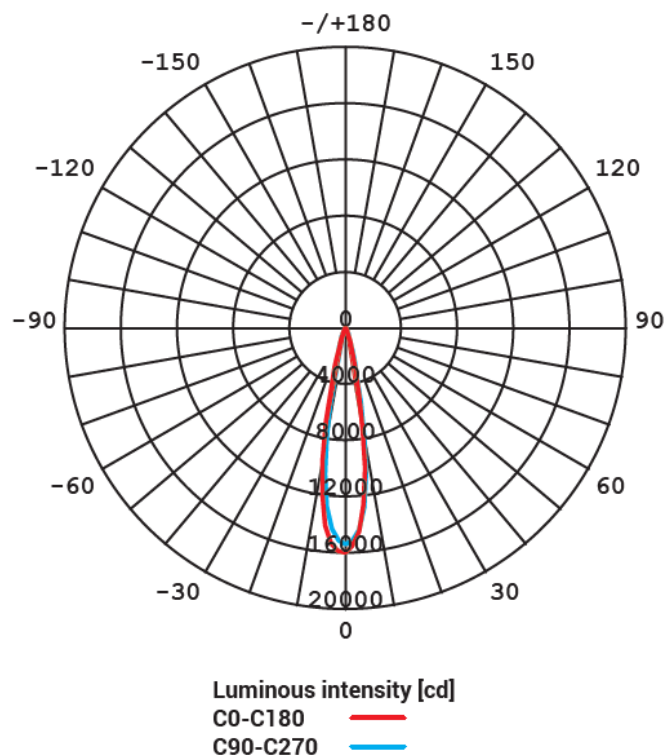
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LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



Spectral distribution

