

LUMINAIRE PHOTOMETRIC TEST REPORT

8743 CL IOS LED WHITE 20W, 4000K, ANGLE60°



Description Lines

Manufacturer:	NOWODVORSKI LIGHTING
Model name:	8743,CL IOS LED WHITE 20W,4000K,ANGLE60
File name:	8743,CL IOS LED WHITE 20W,4000K,ANGLE60.ltd
Date:	2020-08-17
Report number:	EF 17/08/2020/64; EF 09/09/2020/59
Diameter:	134mm
Height:	123mm
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:	1 deg
C interval:	10 deg
γ range:	0-90 deg
Measurement distance:	6.56 m

Nowodvorski sp. j.

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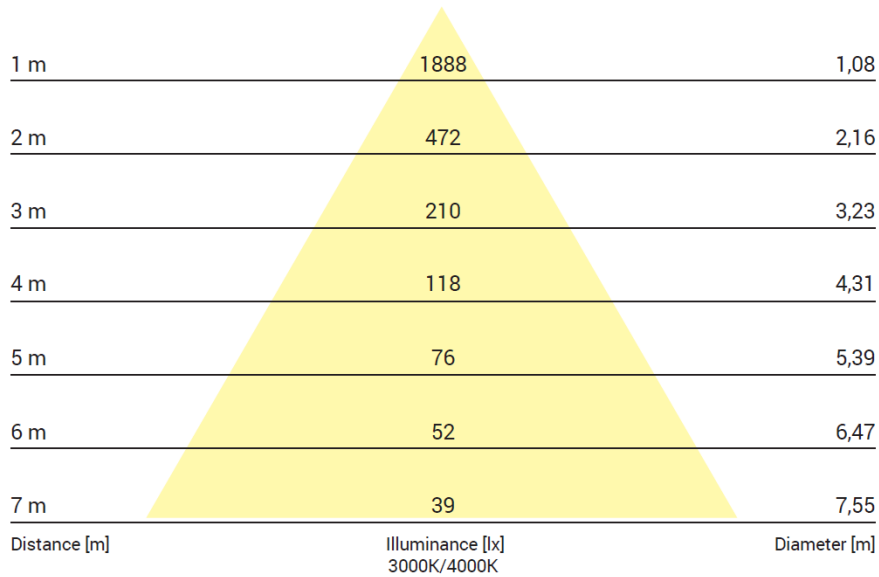
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Photometric data

Total luminous flux:	1678.37 lm
Color temperature:	4028 K
x:	0.3819
y:	0.3860
Color rendering index:	90.4
Wattage:	19.458 W
U	230.00 V
I	0.0935 A
Power factor:	0.9416
Luminous efficacy:	86.26 lm/W
Flux in lower hemisphere:	99.5%
Flux in upper hemisphere:	0.5%
Maximum luminous intensity:	1888 cd
Light output ratio (LOR):	100.00%

Beam cone diagram
Beam angle 60°



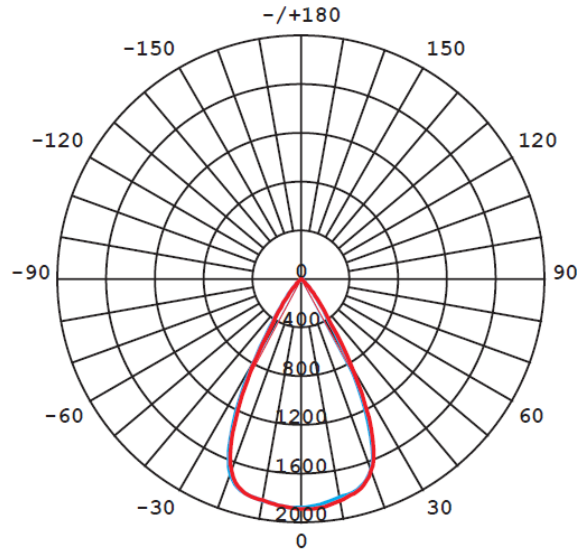
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LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



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

Spectral distribution

