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## LUMINAIRE PHOTOMETRIC TEST REPORT

### 8742 CL IOS LED BLACK 20W, 3000K, ANGLE60°



#### Description Lines

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Manufacturer:	NOWODVORSKI LIGHTING
Model name:	8742,CL IOS LED BACK 20W,3000K,ANGLE60
File name:	8742,CL IOS LED BACK 20W,3000K,ANGLE60.ltd
Date:	2019-12-06
Report number:	EF 06/12/2019/58; EF 06/12/2020/60
Diameter:	134mm
Height:	123mm
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%
γ interval:	1 deg
C interval:	10 deg
γ range:	0-90 deg
Measurement distance:	6.56 m

Nowodvorski sp. j.

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

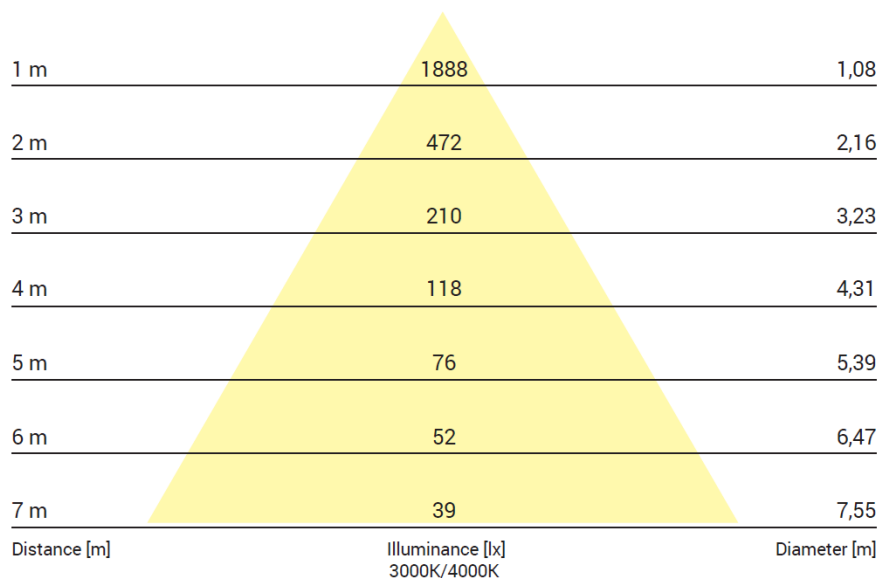
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[www.nowodvorski.com](http://www.nowodvorski.com)

## Photometric data

Total luminous flux:	1577.24 lm
Color temperature:	3096 K
x:	0.4332
y:	0.4081
Color rendering index:	90.9
Wattage:	19.550 W
U	230.38 V
I	0.0903 A
Power factor:	0.9401
Luminous efficacy:	80.68 lm/W
Flux in lower hemisphere:	100.0%
Flux in upper hemisphere:	0.0%
Maximum luminous intensity:	1888 cd
Light output ratio (LOR):	100.00%

Beam cone diagram  
Beam angle 60°



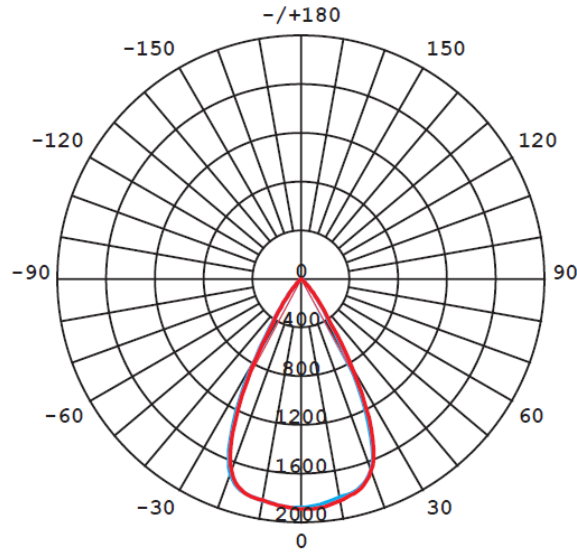
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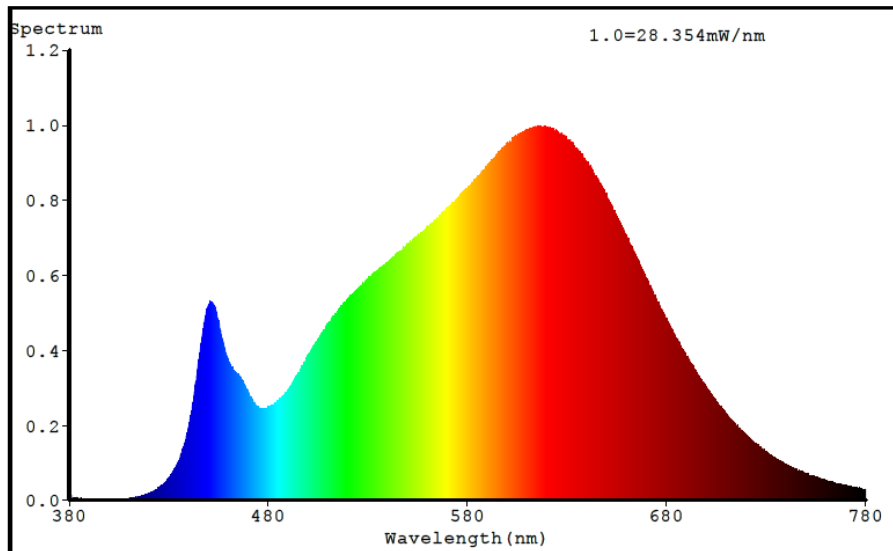
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LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



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

Spectral distribution



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