
LUMINAIRE PHOTOMETRIC TEST REPORT

8737 CL IOS LED BLACK 20W, 3000K,ANGLE36°



Description Lines

Manufacturer:	NOWODVORSKI LIGHTING
Model name:	8737,CL IOS LED BACK 20W,3000K,ANGLE36
File name:	8737,CL IOS LED BACK 20W,3000K,ANGLE36.ltd
Date:	2019-12-19
Report number:	EF 19/12/2019/55; EF 19/12/2019/57
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.

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

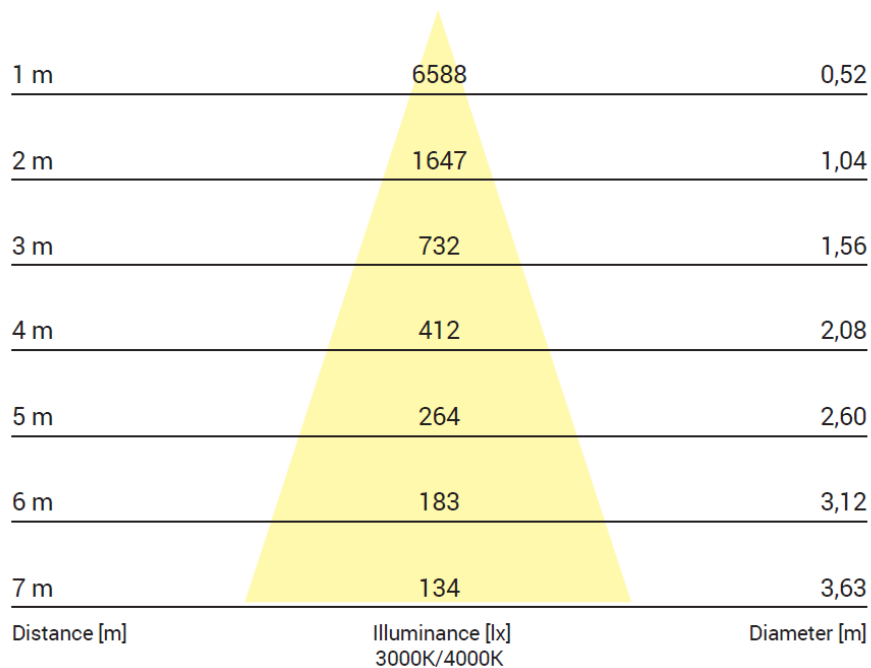
Tel. +48 34 344 91 10, 344 91 11, fax +48 34 344 91 12

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Photometric data

Total luminous flux:	1715.12 lm
Color temperature:	3083 K
x:	0.4344
y:	0.4090
Color rendering index:	90.7
Wattage:	20.164 W
U	230.53 V
I	0.0922 A
Power factor:	0.9490
Luminous efficacy:	85.06 lm/W
Flux in lower hemisphere:	100.0%
Flux in upper hemisphere:	0.0%
Maximum luminous intensity:	6588 cd
Light output ratio (LOR):	100.00%

Beam cone diagram
Beam angle 36°



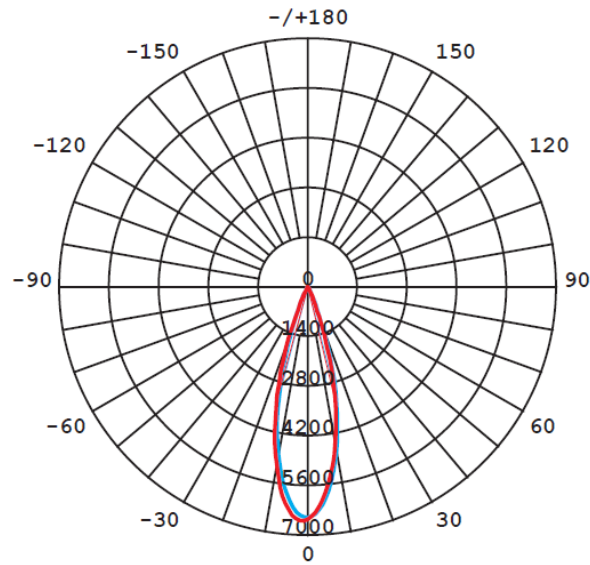
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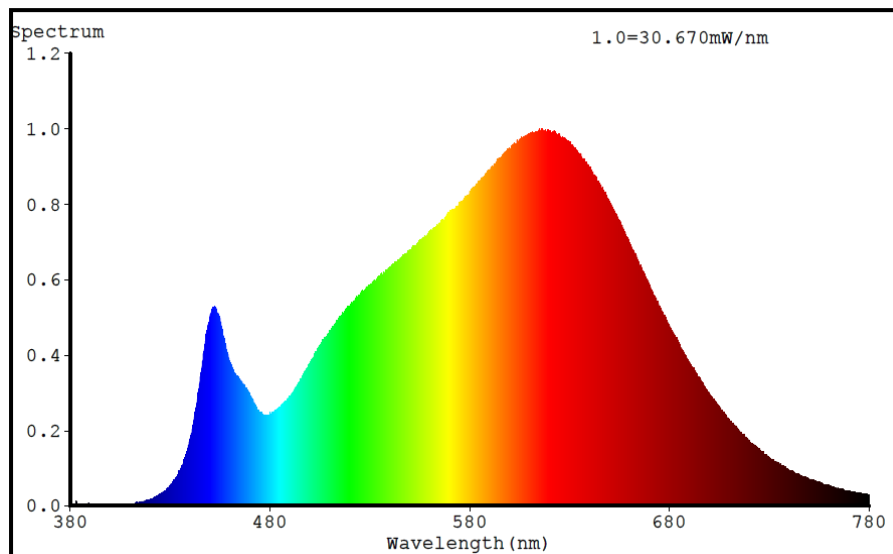
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LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



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

Spectral distribution



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