

LUMINAIRE PHOTOMETRIC TEST REPORT

8735 CL IOS LED WHITE 30W, 3000K, ANGLE60°



Description Lines

Manufacturer:	NOWODVORSKI LIGHTING
Model name:	8735,CL IOS LED WHITE 30W,3000K,ANGLE60
File name:	8735,CL IOS LED WHITE 30W,3000K,ANGLE60.ltd
Date:	2019-12-12
Report number:	EF 12/12/2019/61; EF 11/12/2019/54
Diameter:	135mm
Height:	135mm
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

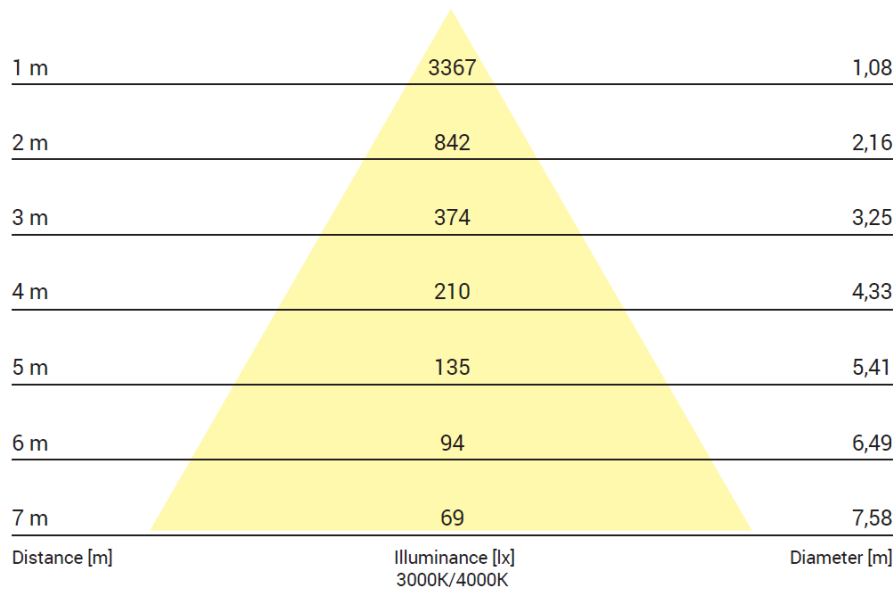
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Photometric data

Total luminous flux:	2742.35lm
Color temperature:	3082 K
x:	0.4346
y:	0.4092
Color rendering index:	91.6
Wattage:	27.706 W
U	230.41 V
I	0.1246 A
Power factor:	0.9652
Luminous efficacy:	98.98 lm/W
Flux in lower hemisphere:	100.0%
Flux in upper hemisphere:	0.0%
Maximum luminous intensity:	3367 cd
Light output ratio (LOR):	100.00%

Beam cone diagram
Beam angle 60°



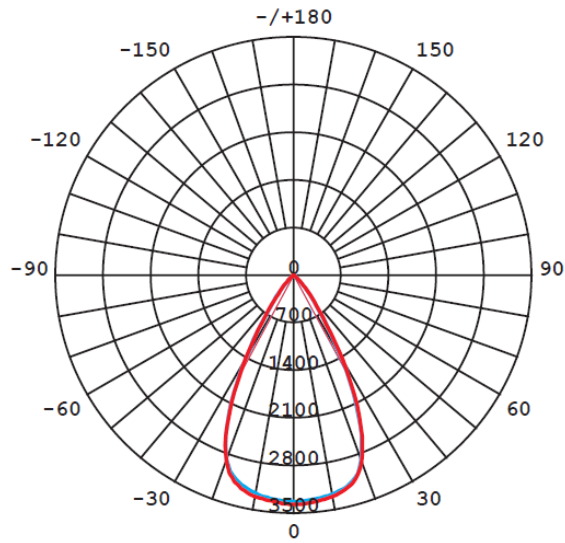
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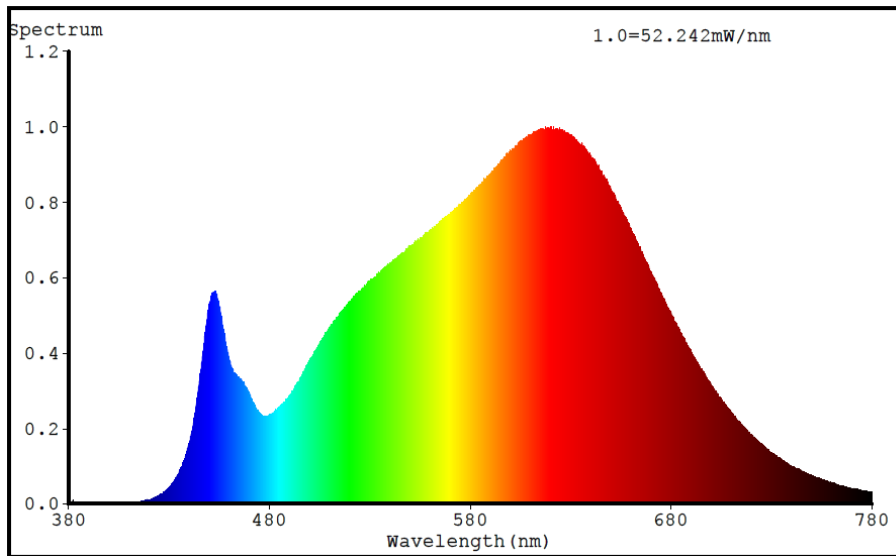
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LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



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

Spectral distribution



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