
LUMINAIRE PHOTOMETRIC TEST REPORT

8723 CL IOS LED BLACK 40W, 4000K, ANGLE60°



Description Lines

Manufacturer:	NOWODVORSKI LIGHTING
Model name:	8723 CL IOS LED BLACK 40W,4000K,ANGLE60
File name:	8723 CL IOS LED BLACK 40W,4000K,ANGLE60.ltd
Date:	2019-11-26
Report number:	EF 26/11/2019/45; EF 26/11/2019/46
Diameter:	190mm
Height:	193mm
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

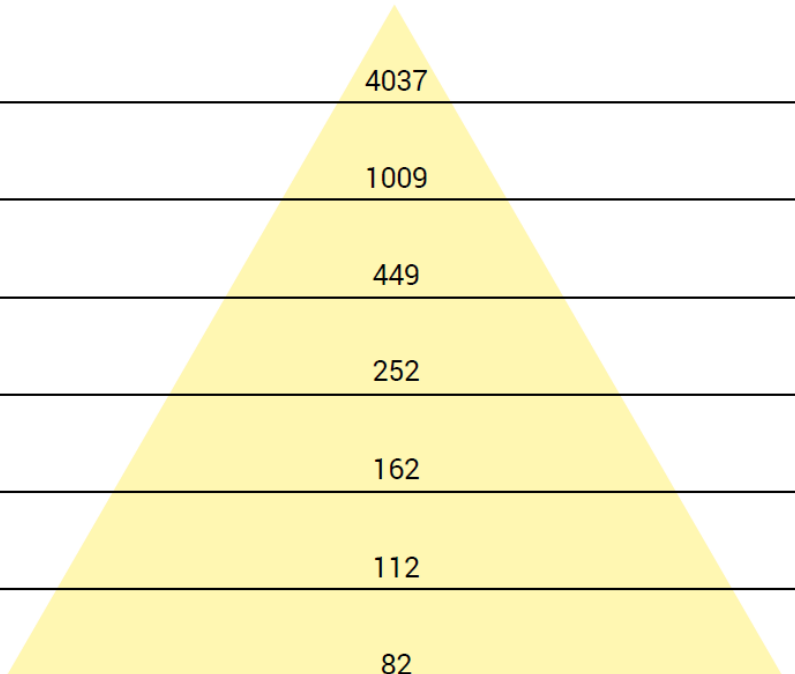
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Photometric data

Total luminous flux:	3469.93 lm
Color temperature:	3945 K
x:	0.3858
y:	0.3885
Color rendering index:	90
Wattage:	35.55 W
U	230.55 V
I	0.1586 A
Power factor:	0.9725
Luminous efficacy:	97.61 lm/W
Flux in lower hemisphere:	100.0%
Flux in upper hemisphere:	0.0%
Maximum luminous intensity:	4037 cd
Light output ratio (LOR):	100.00%

Beam cone diagram Beam angle 60°



1 m	4037	1,09
2 m	1009	2,18
3 m	449	3,27
4 m	252	4,35
5 m	162	5,44
6 m	112	6,53
7 m	82	7,62
Distance [m]	Illuminance [lx] 4000K	Diameter [m]

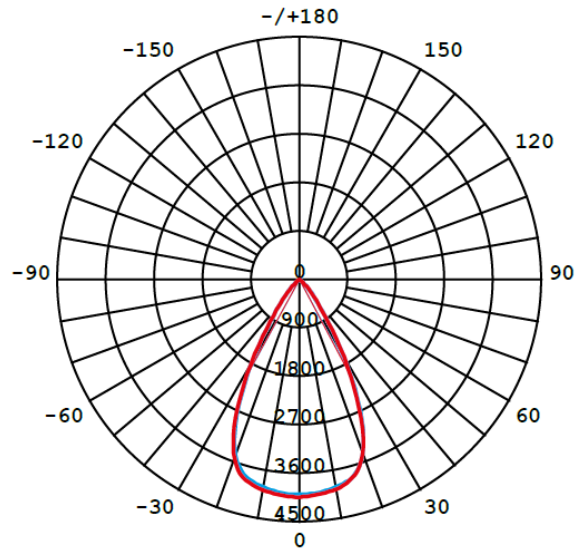
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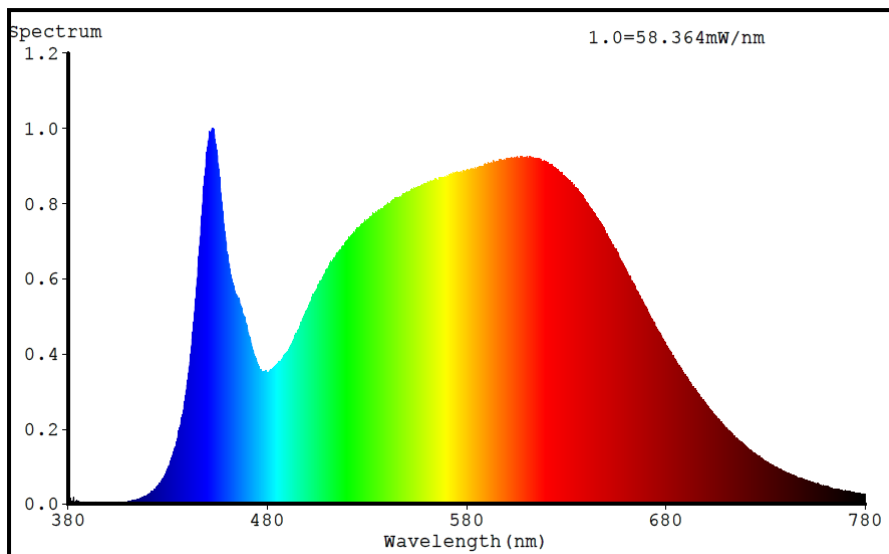
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LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



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

Spectral distribution



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