

LUMINAIRE PHOTOMETRIC TEST REPORT

8724 CL IOS LED BLACK 40W, 3000K,ANGLE60°



Description Lines

Manufacturer:	NOWODVORSKI LIGHTING
Model name:	8724,CL IOS LED BLACK 40W,3000K,ANGLE60
File name:	8724,CL IOS LED BLACK 40W,3000K,ANGLE60.ltd
Date:	2019-11-26
Report number:	EF 19/12/2019/47; EF 19/12/2019/48
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

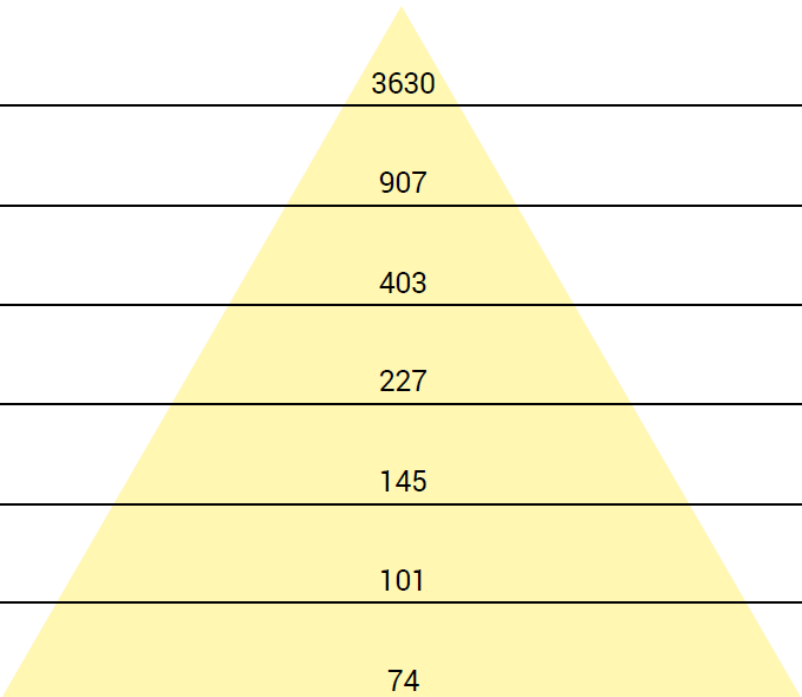
Tel. +48 34 344 91 10, 344 91 11, fax +48 34 344 91 12

www.nowodvorski.com

Photometric data

Total luminous flux:	3165.48 lm
Color temperature:	3070 K
x:	0.4341
y:	0.4067
Color rendering index:	92.6
Wattage:	38.175 W
U	230.40 V
I	0.1698 A
Power factor:	0.9757
Luminous efficacy:	82.92 lm/W
Flux in lower hemisphere:	100.0%
Flux in upper hemisphere:	0.0%
Maximum luminous intensity:	3630 cd
Light output ratio (LOR):	100.00%

Beam cone diagram Beam angle 60°



1 m	3630	1,04
2 m	907	2,08
3 m	403	3,12
4 m	227	4,15
5 m	145	5,19
6 m	101	6,23
7 m	74	7,27
Distance [m]	Illuminance [lx] 3000K	Diameter [m]

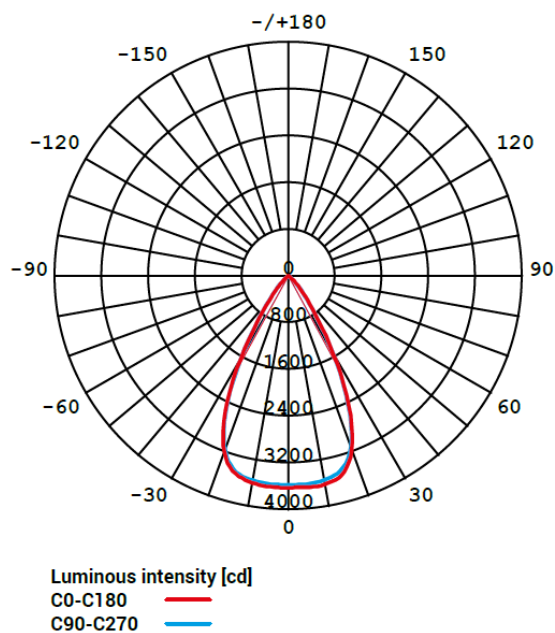
Nowodvorski sp. j.

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

www.nowodvorski.com

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



Spectral distribution

