
LUMINAIRE PHOTOMETRIC TEST REPORT

8300 CL OFFICE PRO LED 120 BLACK, 3000K



Description Lines

Manufacturer:	NOWODVORSKI LIGHTING
Model name:	8300 CL OFFICE PRO LED 120 BLACK,3000K
File name:	8300 CL OFFICE PRO LED 120 BLACK,3000K.ltd
Date:	2020-08-07
Report number:	GL R 0392020
Length:	1220mm
Width:	60mm
Height:	70mm
IP rating:	IP 52
Protection class:	I
Dimmable:	No

Equipment

Goniometer:	GLG 30-1800
Power supply/meter:	IT7321 SN:600476010707720011
Photometer:	GL PHOTOMETER 3.0 LS nr GL200221
Spectroradiometer:	Spectis 1.0 GLX SN: 2012085
Temperature:	25 +/-1 °C
γ interval:	5 deg
C interval:	5 deg
γ range:	+/- 90 deg
Measurement distance:	10 m

Nowodvorski sp. j.

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

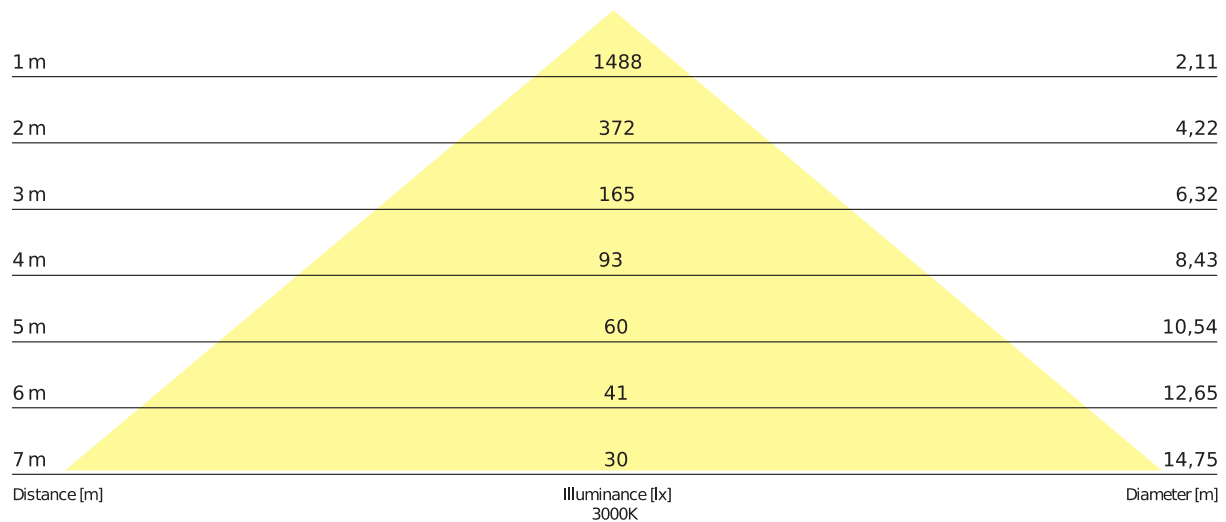
Tel. +48 34 344 91 10, 344 91 11, fax +48 34 344 91 12

www.nowodvorski.com

Photometric data

Total luminous flux:	3492 lm
Color temperature:	3087 K
x:	0.4314
y:	0.4029
Color rendering index:	83.78
Wattage:	30.316 W
U	230.004 V
I	0.136 A
Power factor:	0.971
Luminous efficacy:	115 lm/W
Flux in lower hemisphere:	100.0 %
Flux in upper hemisphere:	0.0 %
Maximum luminous intensity:	1488.31 cd
Light output ratio (LOR):	100.00%

Beam cone diagram
Beam angle 90°



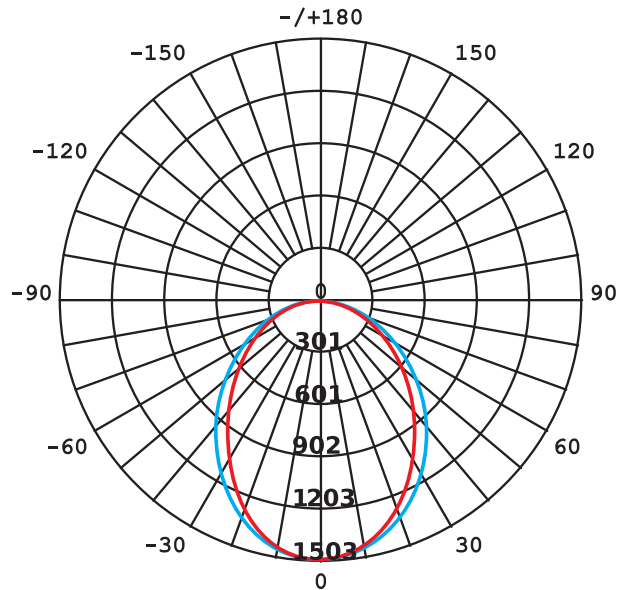
Nowodvorski sp. j.

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

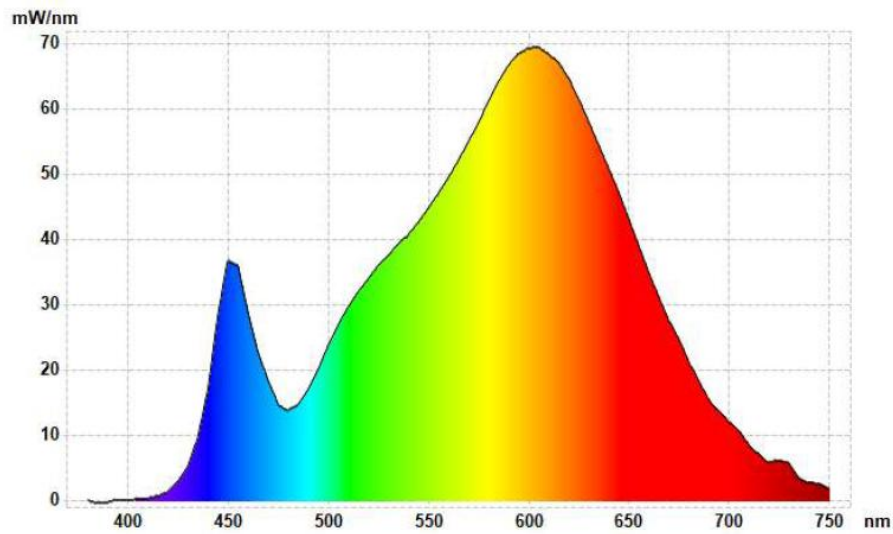
www.nowodvorski.com

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



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

Spectral distribution



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