

LUMINAIRE PHOTOMETRIC TEST REPORT

8772 CL KEA LED 20W, 4000K



Description Lines

Manufacturer:	NOWODVORSKI LIGHTING
Model name:	8772 CL KEA LED 20W,4000K
File name:	8772 CL KEA LED 20W,4000K.ltd
Date:	2019-10-28
Report number:	EF 28/10/2019/11
Diameter:	121mm
Height:	62mm
IP rating:	IP 44/IP 20
Protection class:	II
Dimmable:	No

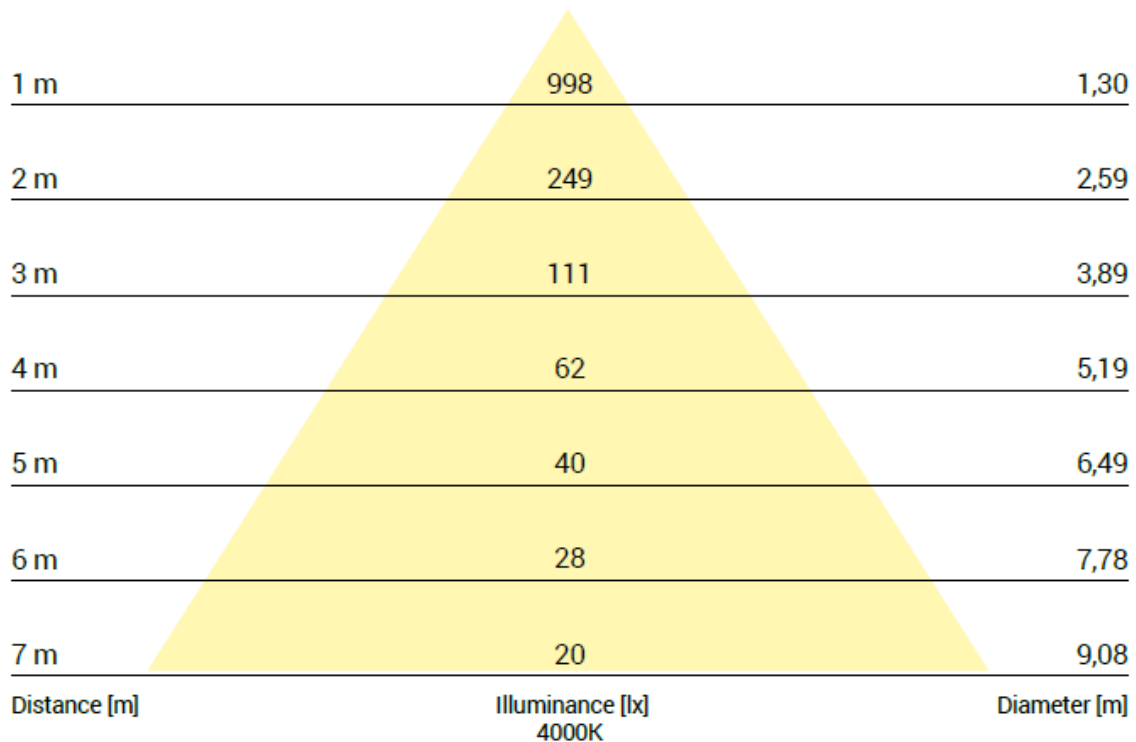
Equipment

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

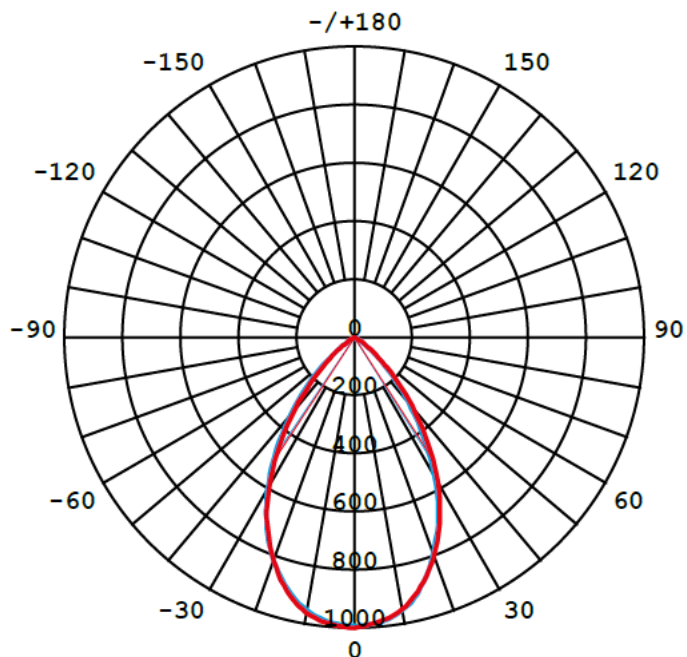
Photometric data

Total luminous flux:	1152.16 lm
Color temperature:	3859 K
x:	0.3889
y:	0.3875
Color rendering index:	94.6
Wattage:	20.731 W
U	230.67 V
I	0.0959 A
Power factor:	0.9793
Luminous efficacy:	55.58 lm/W
Flux in lower hemisphere:	100.0%
Flux in upper hemisphere:	0.0%
Maximum luminous intensity:	997.5 cd
Light output ratio (LOR):	100.00%

Beam cone diagram Beam angle 65°



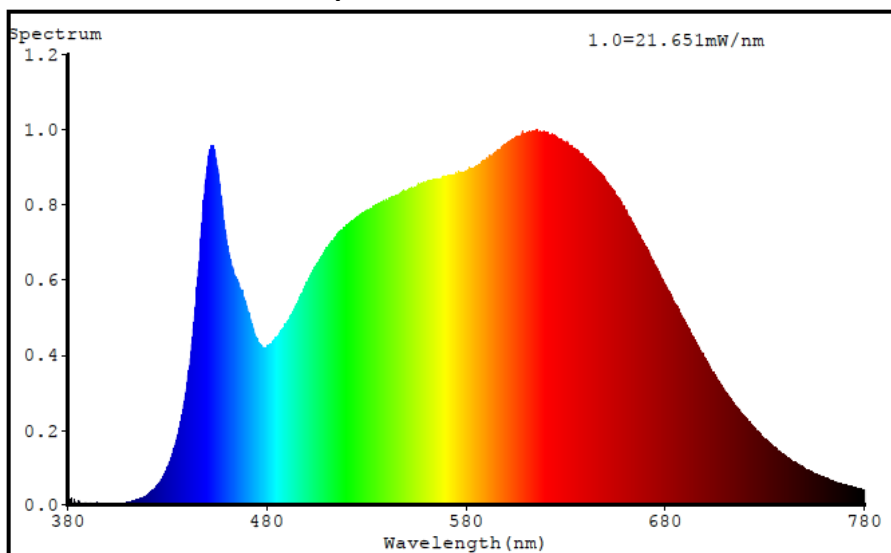
LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



Luminous intensity [cd]

C0-C180 ————
C90-C270 ————

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