

LUMINAIRE PHOTOMETRIC TEST REPORT

8768 CL KEA LED 40W, 3000K



Description Lines

Manufacturer:	NOWODVORSKI LIGHTING
Model name:	8768 CL KEA LED 40W,3000K
File name:	8768 CL KEA LED 40W,3000K.ltd
Date:	2019-10-28
Report number:	EF 28/10/2019/8
Length:	220mm
Width:	220mm
Height:	114mm
IP rating:	IP 44/IP 20
Protection class:	II
Dimmable:	No

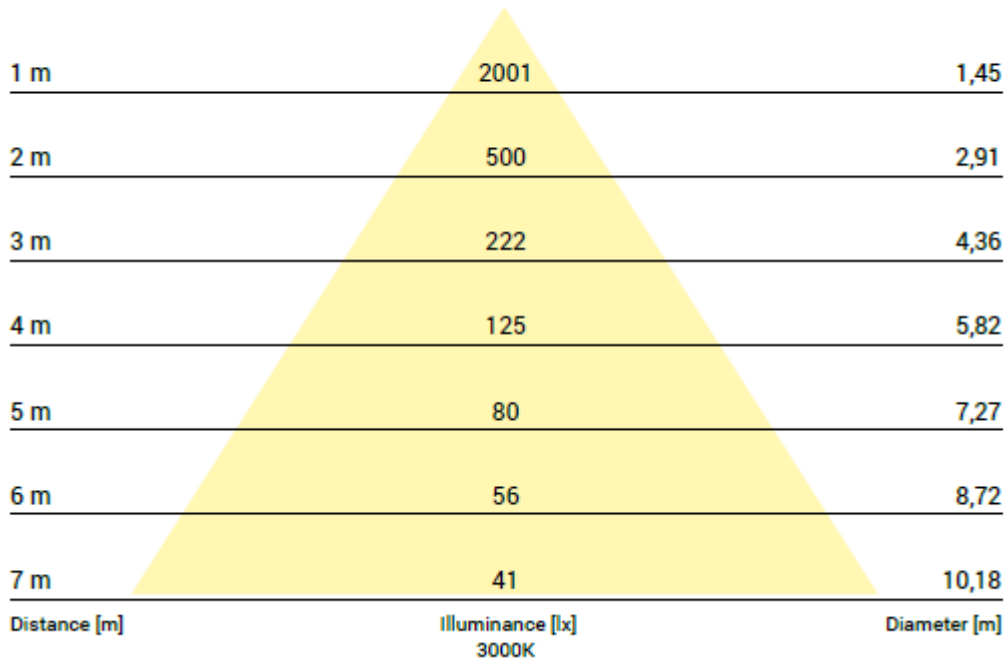
Equipment

Test system:	EVERFINE GO-2000B_V1 SYSTEM V2.00.417
Temperature:	25 +/-1 °C
Humidity:	65.0%
γ interval:	2 deg
C interval:	10 deg
γ range:	0-180 deg
Measurement distance:	6.56 m

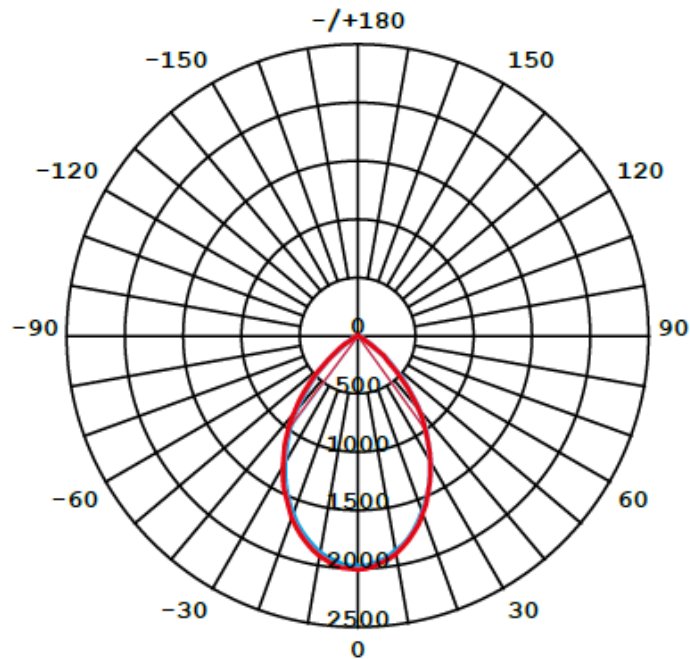
Photometric data

Total luminous flux:	2694.4 lm
Color temperature:	3026 K
x:	0.4351
y:	0.4034
Color rendering index:	95.5
Wattage:	39.475 W
U	220.48 V
I	0.1831 A
Power factor:	0.9780
Luminous efficacy:	68.26 lm/W
Flux in lower hemisphere:	98.7%
Flux in upper hemisphere:	1.3%
Maximum luminous intensity:	2001 cd
Light output ratio (LOR):	100.00%

Beam cone diagram
Beam angle 65°



LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

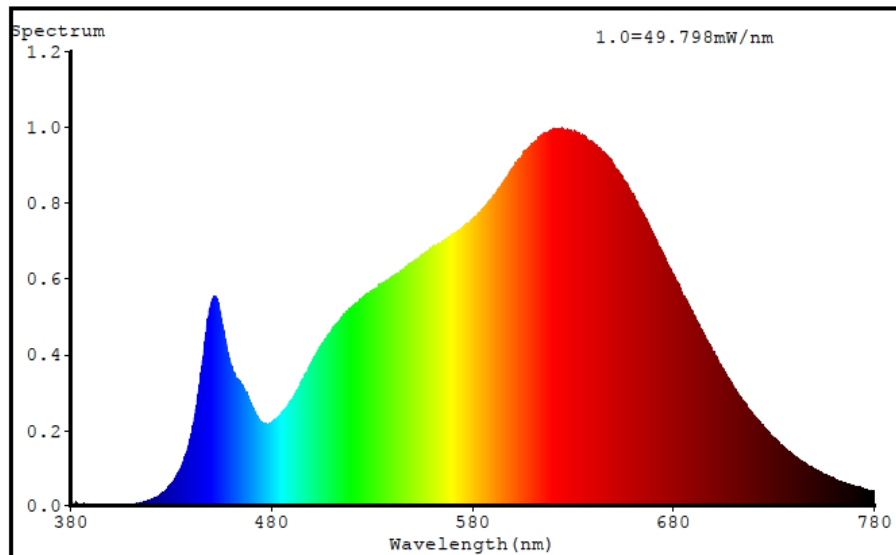


Luminous intensity [cd]

C0-C180 —

C90-C270 —

Spectral distribution



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