

LUMINAIRE PHOTOMETRIC TEST REPORT

8747 CTLS NEA LED WHITE 40W, 4000K, ANGLE37°



Description Lines

Manufacturer:	NOWODVORSKI LIGHTING
Model name:	8747 CTLS NEA LED WHITE 40W,4000K,ANGLE37
File name:	8747 CTLS NEA LED WHITE 40W,4000K,ANGLE37.ldt
Date:	2019-12-06
Report number:	EF 06/12/2019/34; EF 12/12/2019/32
Length:	170 mm
Width:	75 mm
Height:	205 mm
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:	2 deg
C interval:	10 deg
γ range:	0-180 deg
Measurement distance:	6.56 m

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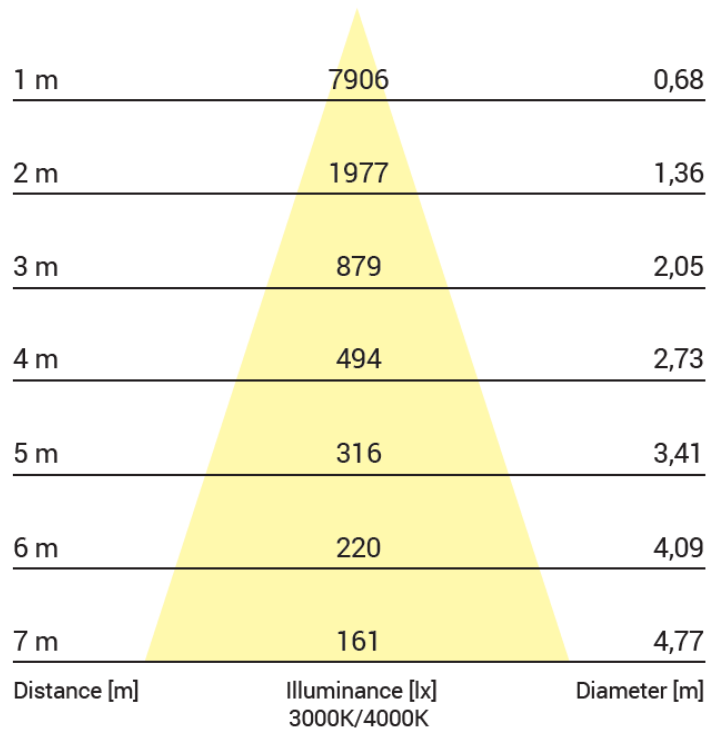
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Photometric data

Total luminous flux:	3689.54 lm
Color temperature:	3909 K
x:	0.3856
y:	0.3831
Color rendering index:	93.4
Wattage:	36.274 W
U	230.37 V
I	0.1631 A
Power factor:	0.9652
Luminous efficacy:	101.71 lm/W
Flux in lower hemisphere:	98.6%
Flux in upper hemisphere:	1.4%
Maximum luminous intensity:	7921 cd
Light output ratio (LOR):	100.00%

Beam cone diagram Beam angle 37°



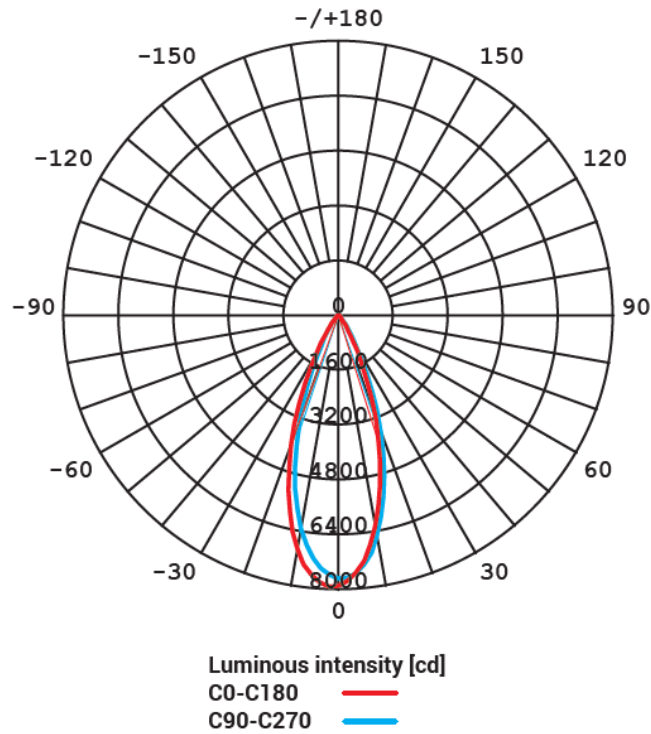
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LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



Spectral distribution

