

LUMINAIRE PHOTOMETRIC TEST REPORT

8721 CL DIA LED 18W, 4000K



Description Lines

Manufacturer:	NOWODVORSKI LIGHTING
Model name:	8721 CL DIA LED 18W,4000K
File name:	8721 CL DIA LED 18W,4000K.ldt
Date:	2019-12-06
Report number:	EF 06/12/2019/5
Length:	141mm
Width:	141mm
Height:	98mm
IP rating:	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

Nowodvorski sp. j.

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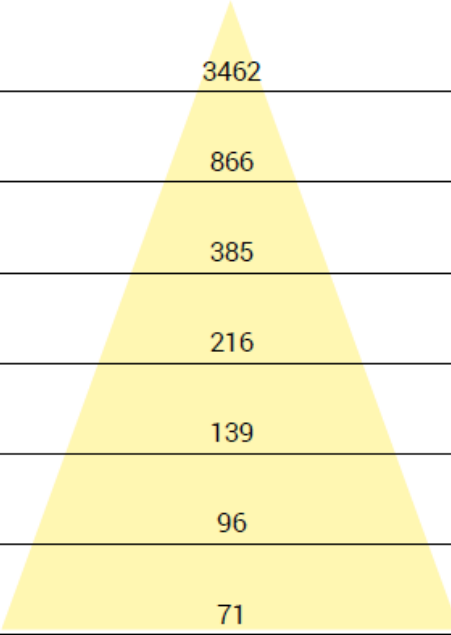
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Photometric data

Total luminous flux:	1562.87 lm
Color temperature:	4005 K
x:	0.3814
y:	0.3812
Color rendering index:	92.5
Wattage:	20.28 W
U	230.41 V
I	0.09023 A
Power factor:	0.9785
Luminous efficacy:	77.53 lm/W
Flux in lower hemisphere:	98.6%
Flux in upper hemisphere:	1.4%
Maximum luminous intensity:	3462 cd
Light output ratio (LOR):	100.00%

Beam cone diagram Beam angle 40°



1 m	3462	0,70
2 m	866	1,40
3 m	385	2,10
4 m	216	2,80
5 m	139	3,50
6 m	96	4,20
7 m	71	4,90
Distance [m]	Illuminance [lx] 4000K	Diameter [m]

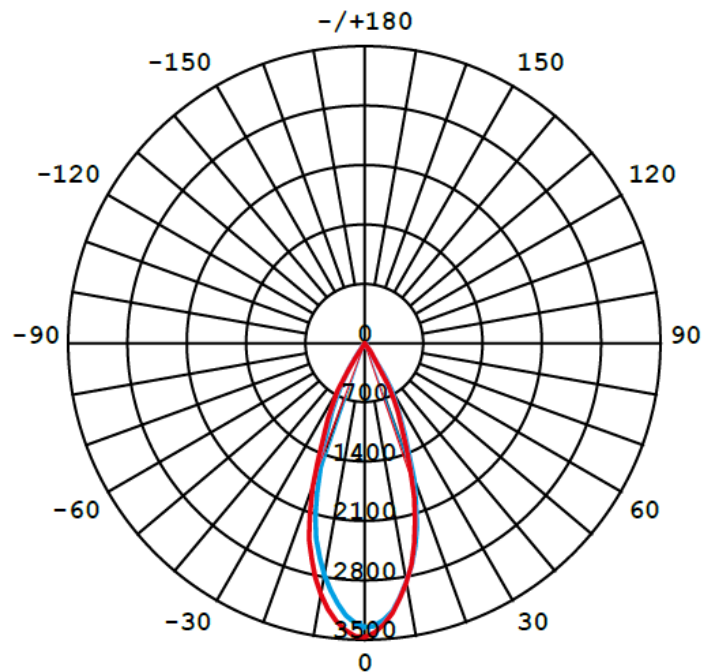
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LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

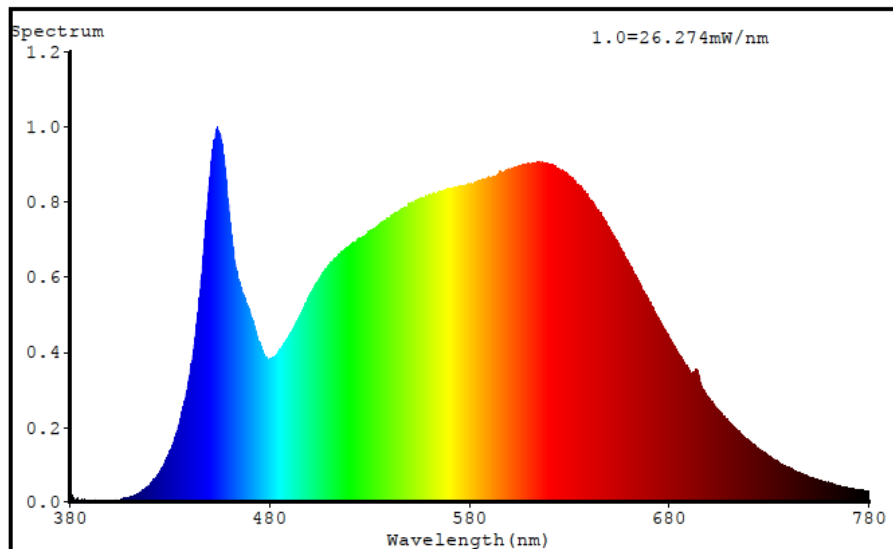


Luminous intensity [cd]

C0-C180 ———

C90-C270 ———

Spectral distribution



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