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## LUMINAIRE PHOTOMETRIC TEST REPORT

### 8721 CL DIA LED 18W, 4000K



#### Description Lines

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Manufacturer:	NOWODVORSKI LIGHTING
Model name:	8721 CL DIA LED 18W,4000K
File name:	8721 CL DIA LED 18W,4000K.ltd
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

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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.**

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

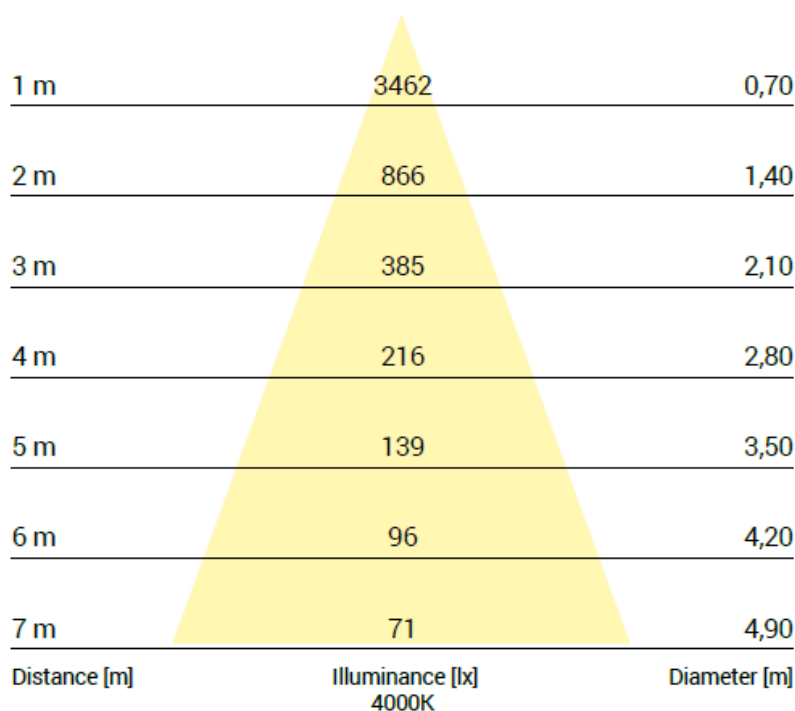
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## Photometric data

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°



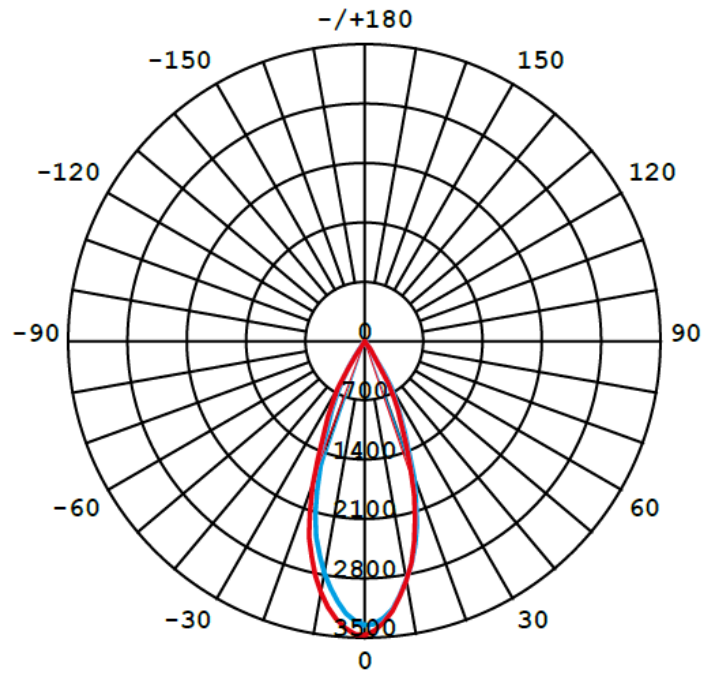
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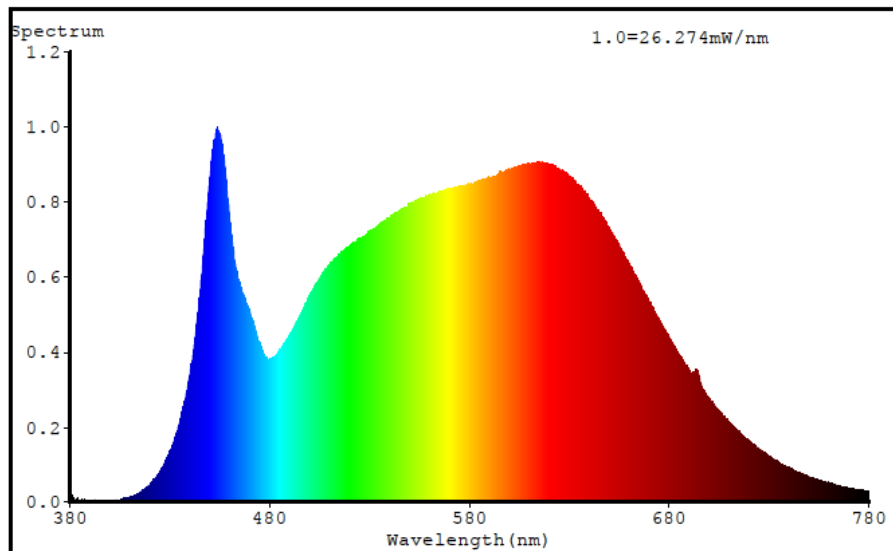
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## LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



Luminous intensity [cd]  
 C0-C180 ————  
 C90-C270 ————

## Spectral distribution



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