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## LUMINAIRE PHOTOMETRIC TEST REPORT

### 8730 CL IOS LED WHITE 30W, 4000K, ANGLE36°



#### Description Lines

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Manufacturer:	NOWODVORSKI LIGHTING
Model name:	8730,CL IOS LED WHITE 30W,4000K,ANGLE36
File name:	8730,CL IOS LED WHITE 30W,4000K,ANGLE36.ltd
Date:	2019-11-26
Report number:	EF 19/12/2019/49; EF 19/12/2019/50
Diameter:	135mm
Height:	135mm
IP rating:	IP 20
Protection class:	I
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:	1 deg
C interval:	10 deg
γ range:	0-90 deg
Measurement distance:	6.56 m

Nowodvorski sp. j.

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

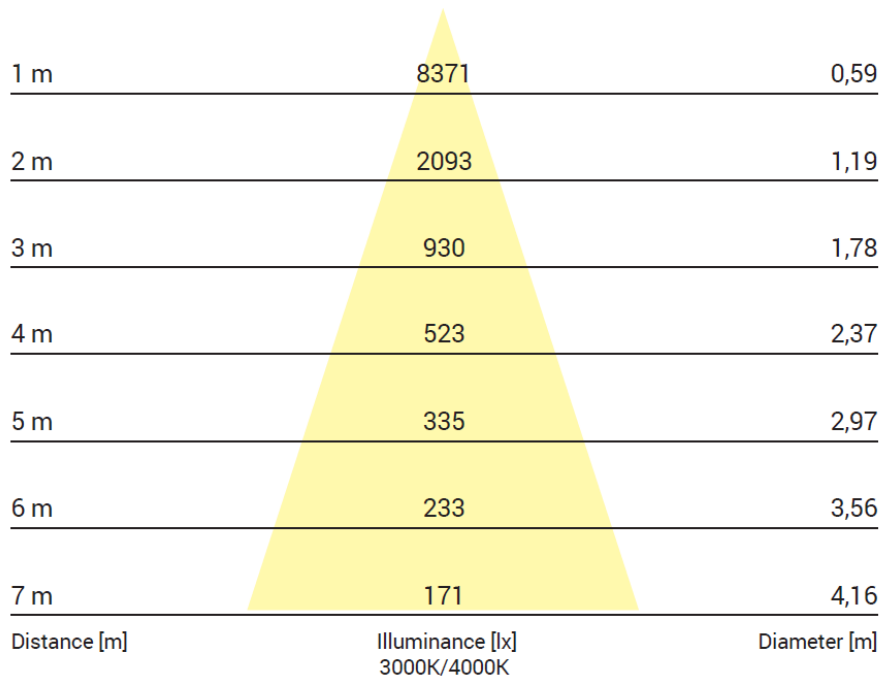
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## Photometric data

Total luminous flux:	2802.42 lm
Color temperature:	4012 K
x:	0.3828
y:	0.3872
Color rendering index:	90.1
Wattage:	28.445 W
U	230.61 V
I	0.1276 A
Power factor:	0.9670
Luminous efficacy:	98.52 lm/W
Flux in lower hemisphere:	100.0%
Flux in upper hemisphere:	0.0%
Maximum luminous intensity:	8371 cd
Light output ratio (LOR):	100.00%

### Beam cone diagram Beam angle 36°



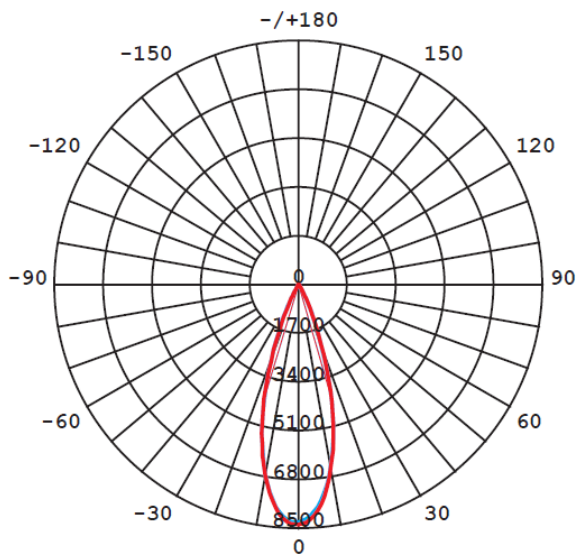
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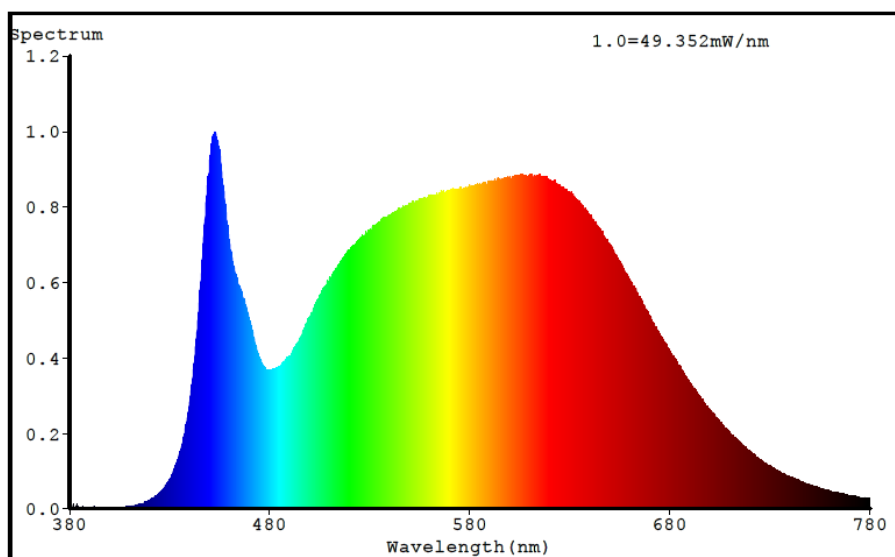
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### LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



Luminous intensity [cd]  
 C0-C180 ———— (red line)  
 C90-C270 ———— (blue line)

### Spectral distribution



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