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## LUMINAIRE PHOTOMETRIC TEST REPORT

### 8740 CL IOS LED WHITE 20W, 3000K, ANGLE36°



#### Description Lines

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Manufacturer:	NOWODVORSKI LIGHTING
Model name:	8740,CL IOS LED WHITE 20W,3000K,ANGLE36
File name:	8740,CL IOS LED WHITE 20W,3000K,ANGLE36.ltd
Date:	2019-12-19
Report number:	EF 19/12/2019/63; EF 19/12/2019/57
Diameter:	134mm
Height:	123mm
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

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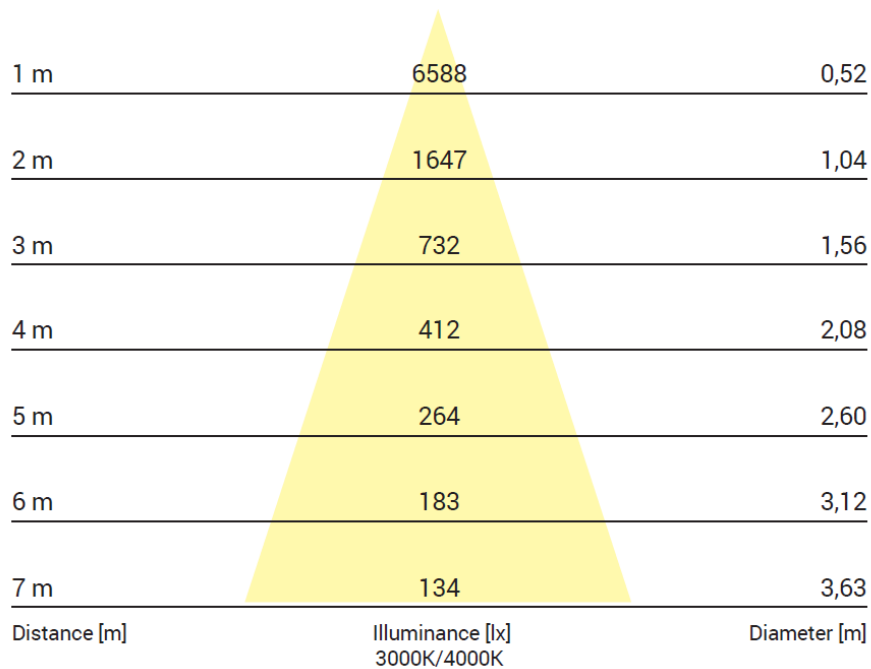
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## Photometric data

Total luminous flux:	1602.44 lm
Color temperature:	3083 K
x:	0.4344
y:	0.4090
Color rendering index:	90.7
Wattage:	19.663 W
U	230.52 V
I	0.0902 A
Power factor:	0.9459
Luminous efficacy:	81.49 lm/W
Flux in lower hemisphere:	100.0%
Flux in upper hemisphere:	0.0%
Maximum luminous intensity:	6588 cd
Light output ratio (LOR):	100.00%

**Beam cone diagram**  
Beam angle 36°



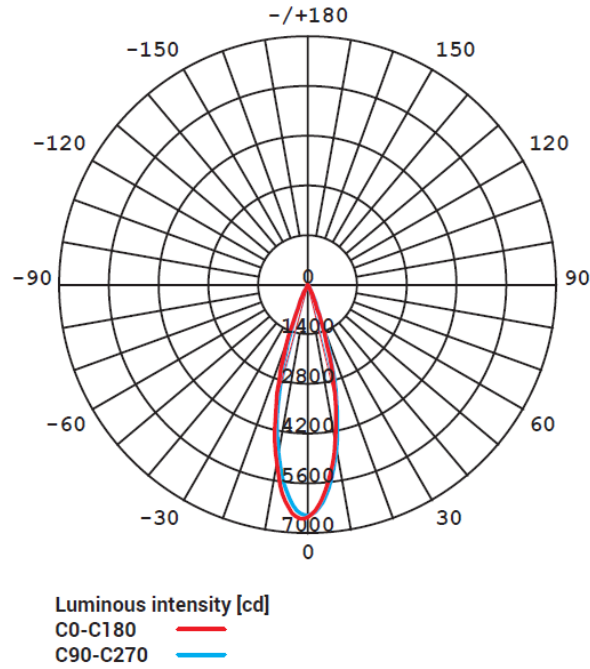
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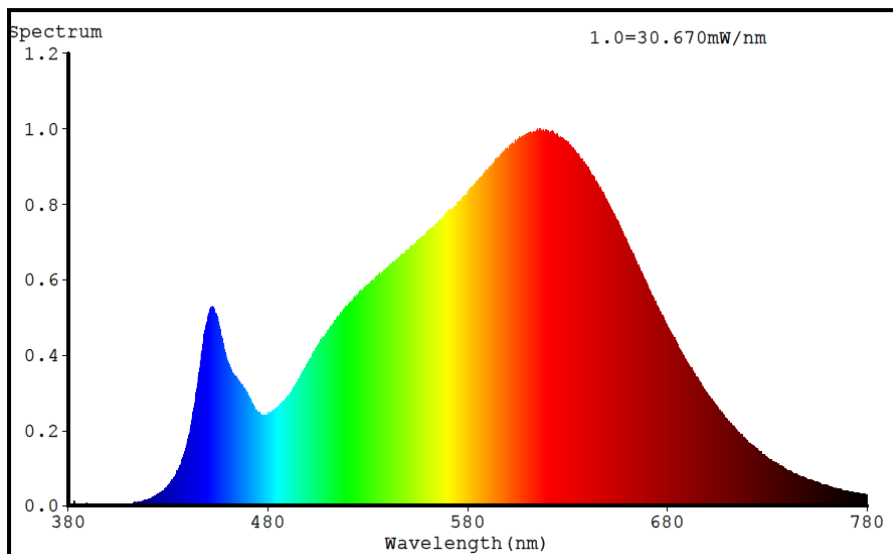
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### LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



### Spectral distribution



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