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## LUMINAIRE PHOTOMETRIC TEST REPORT

### 8456 CL ITAKA LED 40W, 4000K



#### Description Lines

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Manufacturer:	NOWODVORSKI LIGHTING
Model name:	8456 CL ITAKA LED 40W,4000K,ANGLE100
File name:	8456 CL ITAKA LED 40W,4000K,ANGLE100.ltd
Date:	2019-08-14
Report number:	EF 14/08/2019/1
Length:	595mm
Width:	595mm
Height:	20mm
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%
$\gamma$ interval:	2 deg
C interval:	10 deg
$\gamma$ range:	0-180 deg
Measurement distance:	6.56 m

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Nowodvorski sp. j.

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

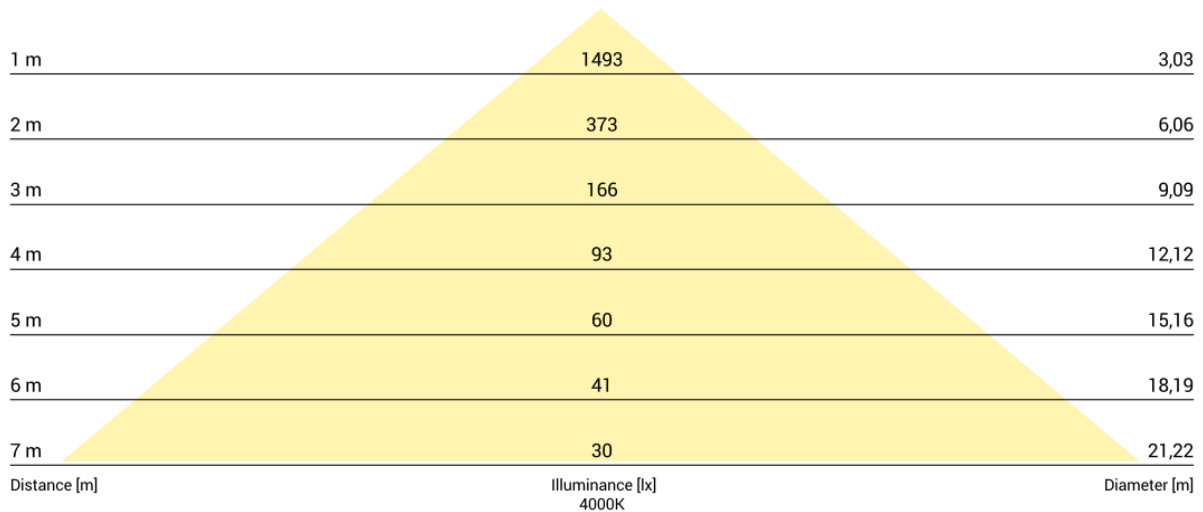
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## Photometric data

Total luminous flux:	4374 lm
Color temperature:	4136 K
x:	0.3743
y:	0.3714
Color rendering index:	81.6
Wattage:	37.68 W
U	230.53 V
I	0.168 A
Power factor:	0.973
Luminous efficacy:	116.09 lm/W
Flux in lower hemisphere:	98.9%
Flux in upper hemisphere:	1.1%
Maximum luminous intensity:	1493 cd
Light output ratio (LOR):	100.00%

Beam cone diagram  
Beam angle 100°



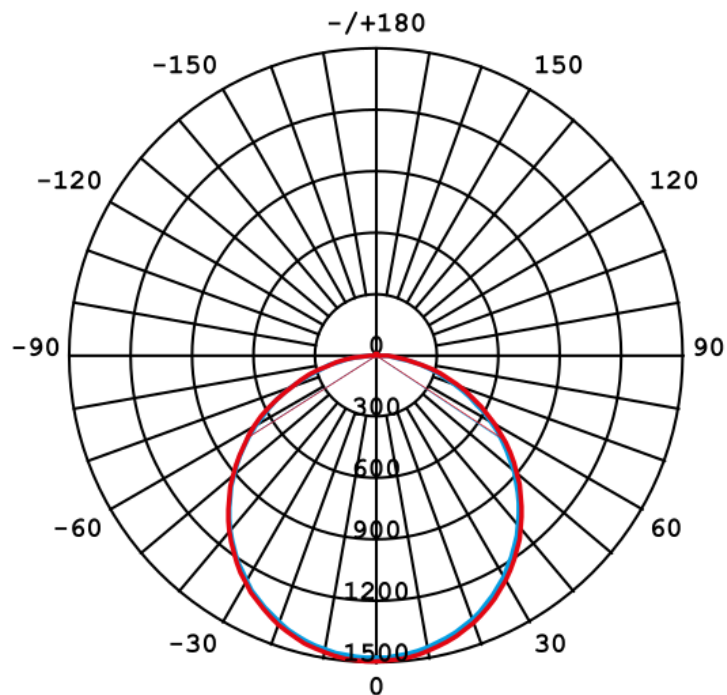
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## LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

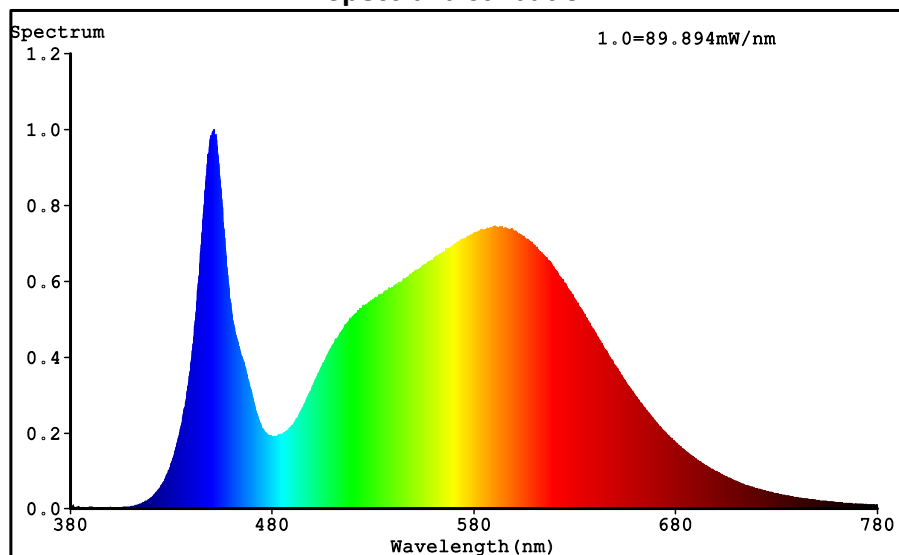


Luminous intensity [cd]

C0-C180 ———

C90-C270 ———

## Spectral distribution



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