

LUMINAIRE PHOTOMETRIC TEST REPORT

8456 CL ITAKA LED 40W, 4000K



Description Lines

| | |
|-------------------|--|
| 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

| | |
|-----------------------|---------------------------------------|
| 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

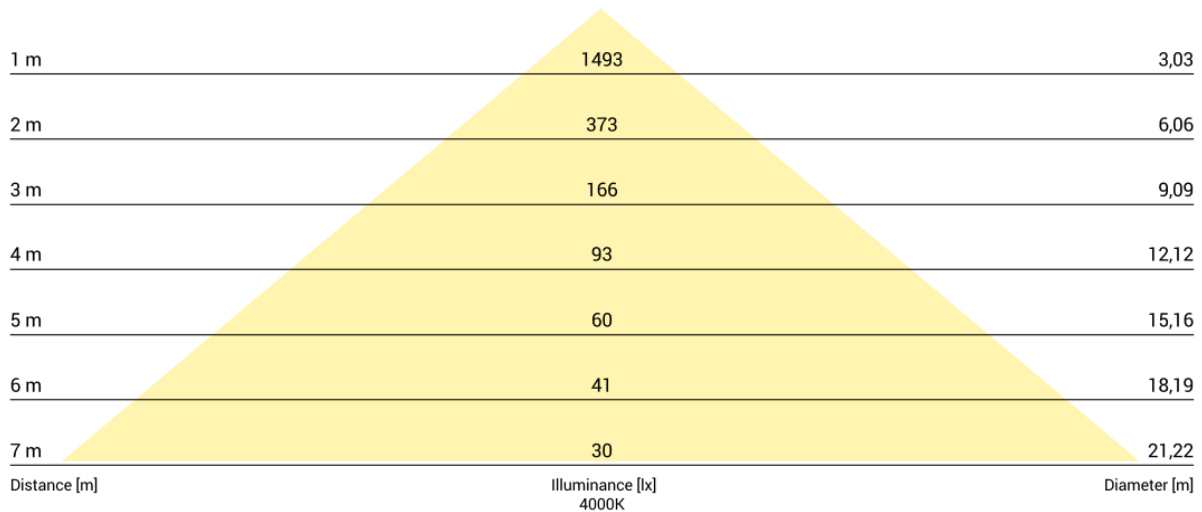
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Photometric data

| | |
|-----------------------------|-------------|
| Total luminous flux: | 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°



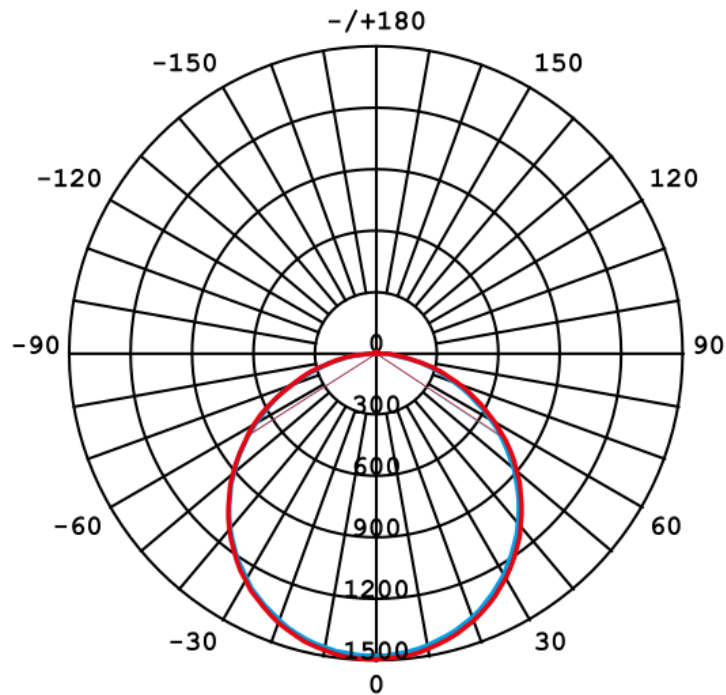
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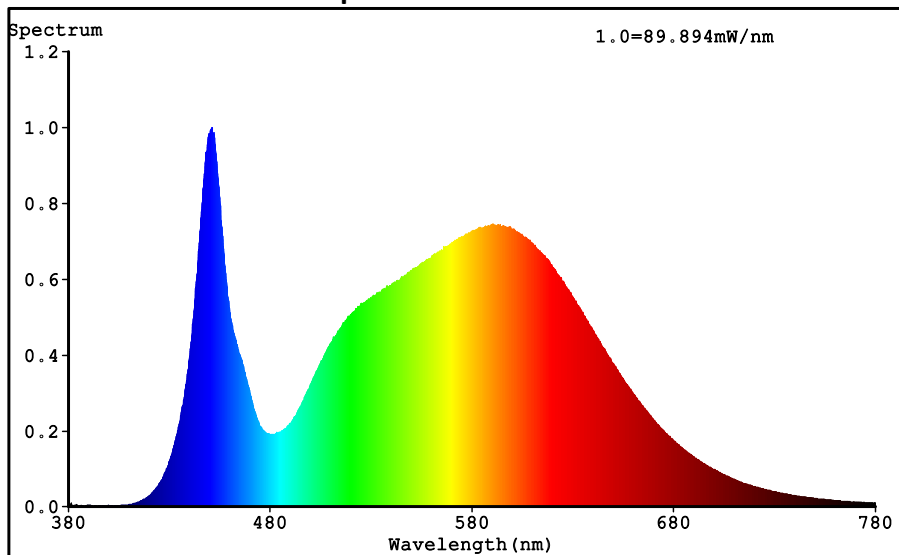
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LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



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

Spectral distribution



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