
LUMINAIRE PHOTOMETRIC TEST REPORT

8731 CL IOS LED WHITE 30W, 3000K,ANGLE36°



Description Lines

| | |
|-------------------|---|
| Manufacturer: | NOWODVORSKI LIGHTING |
| Model name: | 8731,CL IOS LED WHITE 30W,3000K,ANGLE36 |
| File name: | 8731,CL IOS LED WHITE 30W,3000K,ANGLE36.ltd |
| Date: | 2019-11-26 |
| Report number: | EF 19/12/2019/62; EF 19/12/2019/51 |
| Diameter: | 135mm |
| Height: | 135mm |
| IP rating: | IP 20 |
| Protection class: | I |
| Dimmable: | No |

Equipment

| | |
|-----------------------|---------------------------------------|
| 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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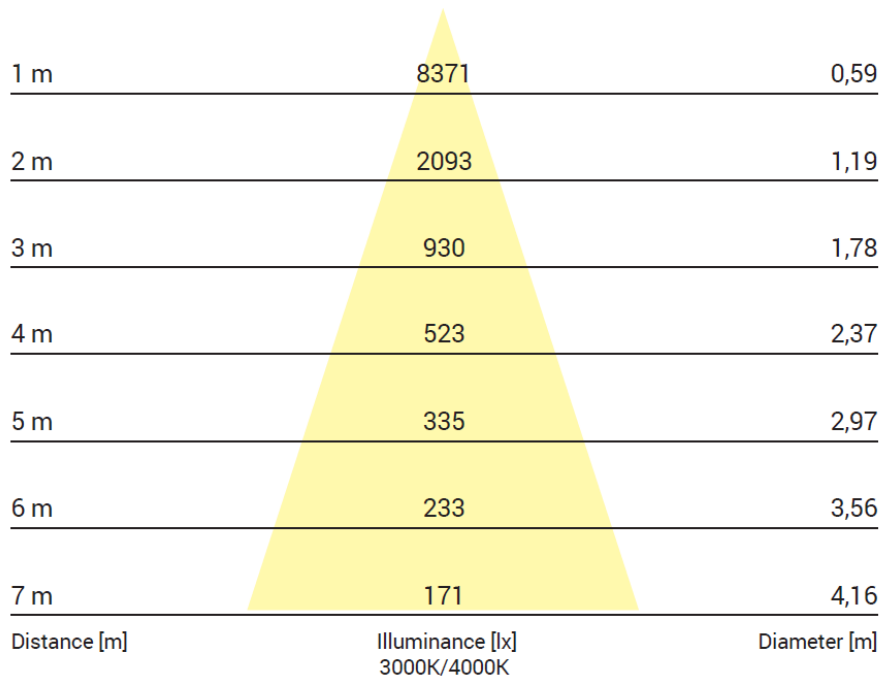
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Photometric data

| | |
|-----------------------------|------------|
| Total luminous flux: | 2669.44 lm |
| Color temperature: | 3084 K |
| x: | 0.4340 |
| y: | 0.4083 |
| Color rendering index: | 91.8 |
| Wattage: | 27.219 W |
| U | 230.57 V |
| I | 0.1225 A |
| Power factor: | 0.9633 |
| Luminous efficacy: | 98.07 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°



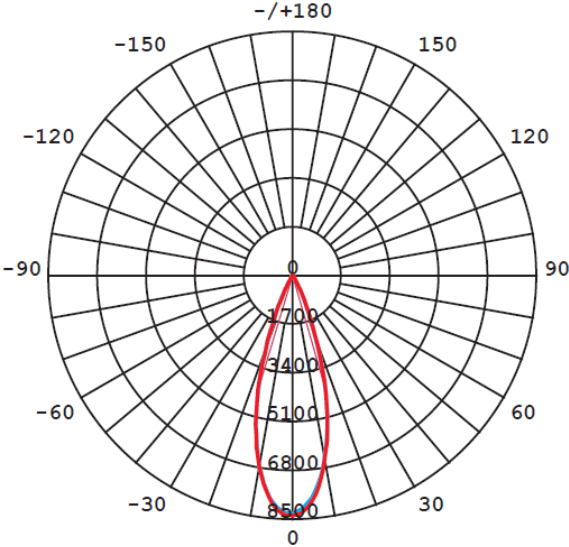
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LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



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

Spectral distribution

