
LUMINAIRE PHOTOMETRIC TEST REPORT

8725 CL IOS LED WHITE 40W, 4000K, ANGLE60°



Description Lines

| | |
|-------------------|---|
| Manufacturer: | NOWODVORSKI LIGHTING |
| Model name: | 8725 CL IOS LED WHITE 40W,4000K,ANGLE60 |
| File name: | 8725 CL IOS LED WHITE 40W,4000K,ANGLE60.ltd |
| Date: | 2019-11-26 |
| Report number: | EF 26/11/2019/45; EF 26/11/2019/46 |
| Diameter: | 190mm |
| Height: | 193mm |
| 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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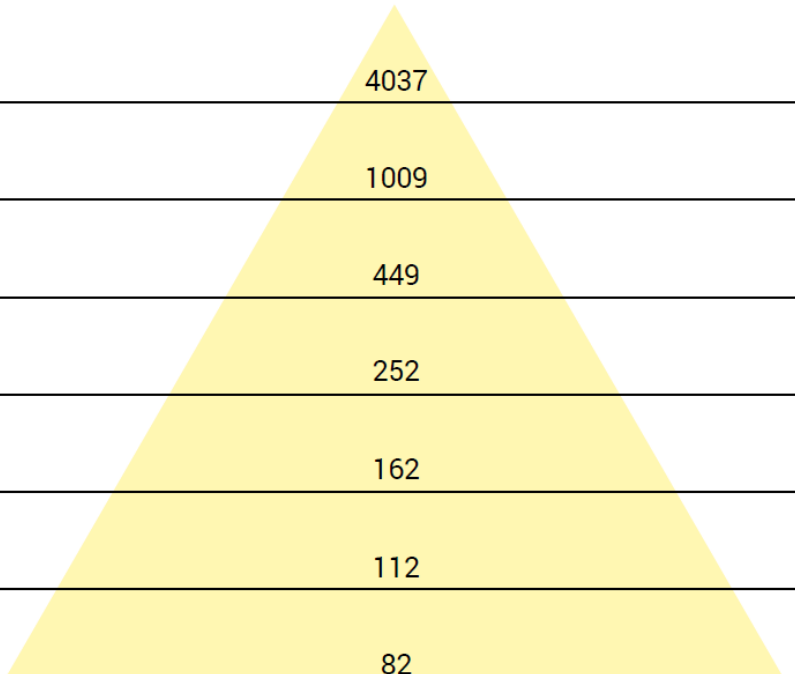
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Photometric data

| | |
|-----------------------------|------------|
| Total luminous flux: | 3469.93 lm |
| Color temperature: | 3945 K |
| x: | 0.3858 |
| y: | 0.3885 |
| Color rendering index: | 90 |
| Wattage: | 35.55 W |
| U | 230.55 V |
| I | 0.1586 A |
| Power factor: | 0.9725 |
| Luminous efficacy: | 97.61 lm/W |
| Flux in lower hemisphere: | 100.0% |
| Flux in upper hemisphere: | 0.0% |
| Maximum luminous intensity: | 4037 cd |
| Light output ratio (LOR): | 100.00% |

Beam cone diagram Beam angle 60°



| | | |
|--------------|---------------------------|--------------|
| 1 m | 4037 | 1,09 |
| 2 m | 1009 | 2,18 |
| 3 m | 449 | 3,27 |
| 4 m | 252 | 4,35 |
| 5 m | 162 | 5,44 |
| 6 m | 112 | 6,53 |
| 7 m | 82 | 7,62 |
| Distance [m] | Illuminance [lx] 4000K | Diameter [m] |

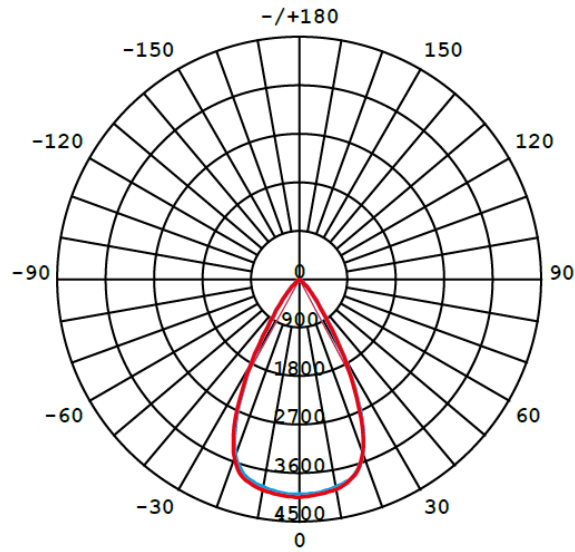
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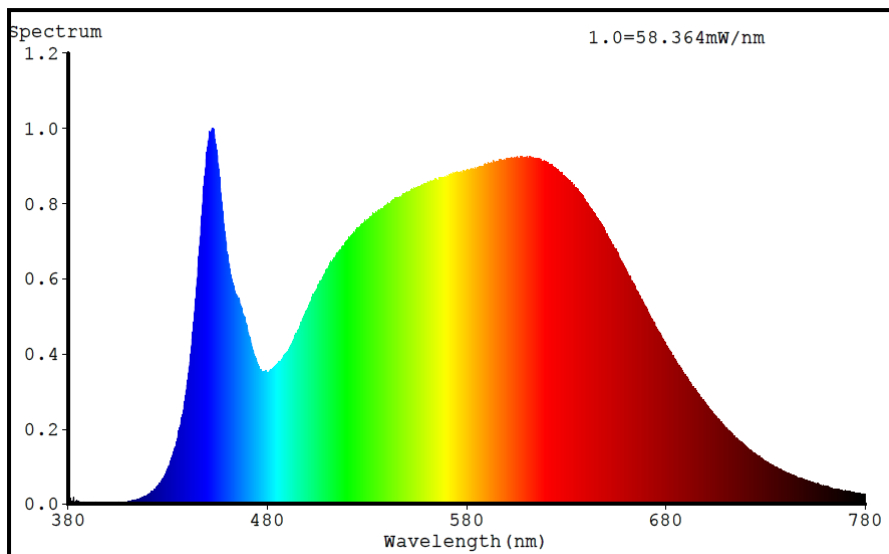
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LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



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

Spectral distribution



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