
LUMINAIRE PHOTOMETRIC TEST REPORT

8751 CTLS NEA LED BLACK 30W, 3000K, ANGLE25°



Description Lines

| | |
|-------------------|---|
| Manufacturer: | NOWODVORSKI LIGHTING |
| Model name: | 8751 CTLS NEA LED BLACK 30W,3000K,ANGLE25 |
| File name: | 8751 CTLS NEA LED BLACK 30W,3000K,ANGLE25.ldt |
| Date: | 2019-12-06 |
| Report number: | EF 06/12/2019/38; EF 09/11/2019/40 |
| Length: | 170 mm |
| Width: | 75 mm |
| Height: | 205 mm |
| 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: | 2 deg |
| C interval: | 10 deg |
| γ range: | 0-180 deg |
| Measurement distance: | 6.56 m |

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

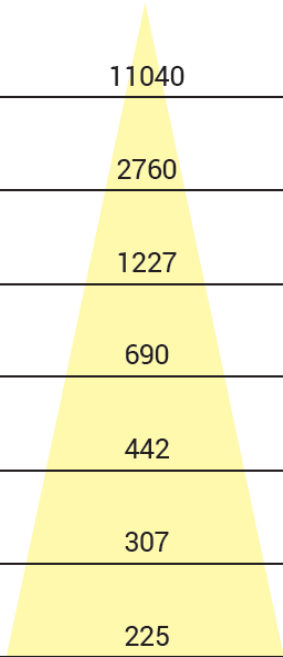
Tel. +48 34 344 91 10, 344 91 11, fax +48 34 344 91 12

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Photometric data

| | |
|-----------------------------|------------|
| Total luminous flux: | 2725.78 lm |
| Color temperature: | 3005 K |
| x: | 0.4391 |
| y: | 0.4091 |
| Color rendering index: | 92.1 |
| Wattage: | 28.187 W |
| U | 230.42 V |
| I | 0.1270 A |
| Power factor: | 0,9630 |
| Luminous efficacy: | 96.70 lm/W |
| Flux in lower hemisphere: | 98.6% |
| Flux in upper hemisphere: | 1.4% |
| Maximum luminous intensity: | 11040 cd |
| Light output ratio (LOR): | 100.00% |

Beam cone diagram Beam angle 25°



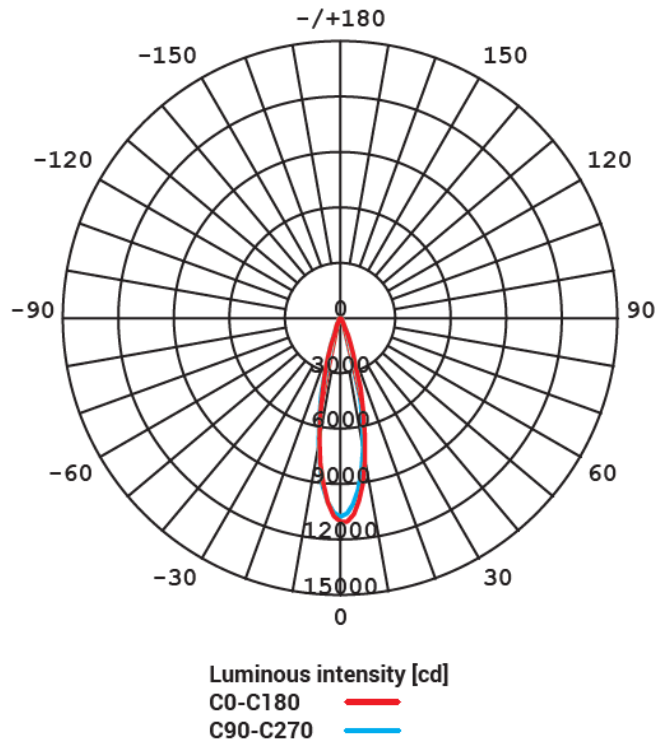
| | | |
|--------------|---------------------------------|--------------|
| 1 m | 11040 | 0,44 |
| 2 m | 2760 | 0,87 |
| 3 m | 1227 | 1,31 |
| 4 m | 690 | 1,75 |
| 5 m | 442 | 2,18 |
| 6 m | 307 | 2,62 |
| 7 m | 225 | 3,06 |
| Distance [m] | Illuminance [lx] 3000K/4000K | Diameter [m] |

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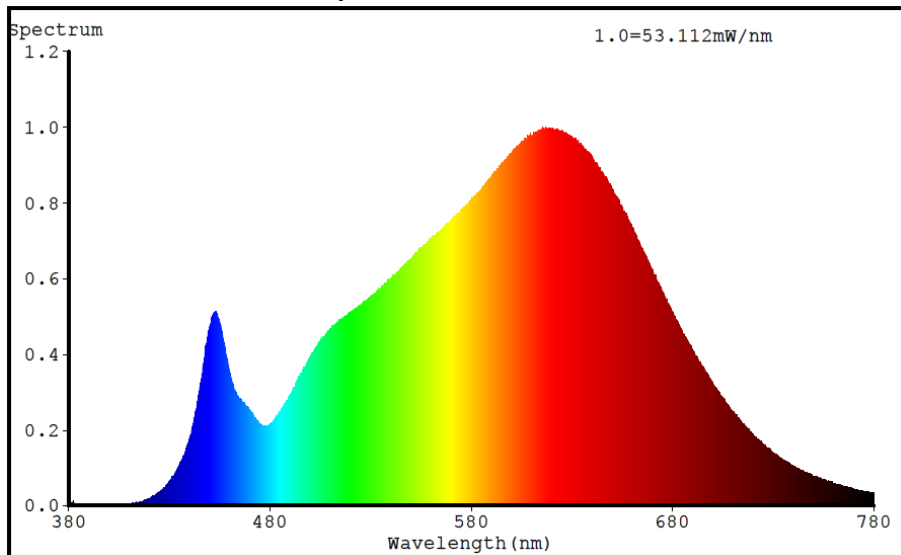
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LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



Spectral distribution



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LUMINAIRE PHOTOMETRIC TEST REPORT

8751 CTLS NEA LED BLACK 30W, 3000K, ANGLE20°



Description Lines

| | |
|-------------------|---|
| Manufacturer: | NOWODVORSKI LIGHTING |
| Model name: | 8751 CTLS NEA LED BLACK 30W,3000K,ANGLE20 |
| File name: | 8751 CTLS NEA LED BLACK 30W,3000K,ANGLE20.ldt |
| Date: | 2019-12-06 |
| Report number: | EF 06/12/2019/36; EF 09/11/2019/40 |
| Length: | 170 mm |
| Width: | 75 mm |
| Height: | 205 mm |
| 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: | 2 deg |
| C interval: | 10 deg |
| γ range: | 0-180 deg |
| Measurement distance: | 6.56 m |

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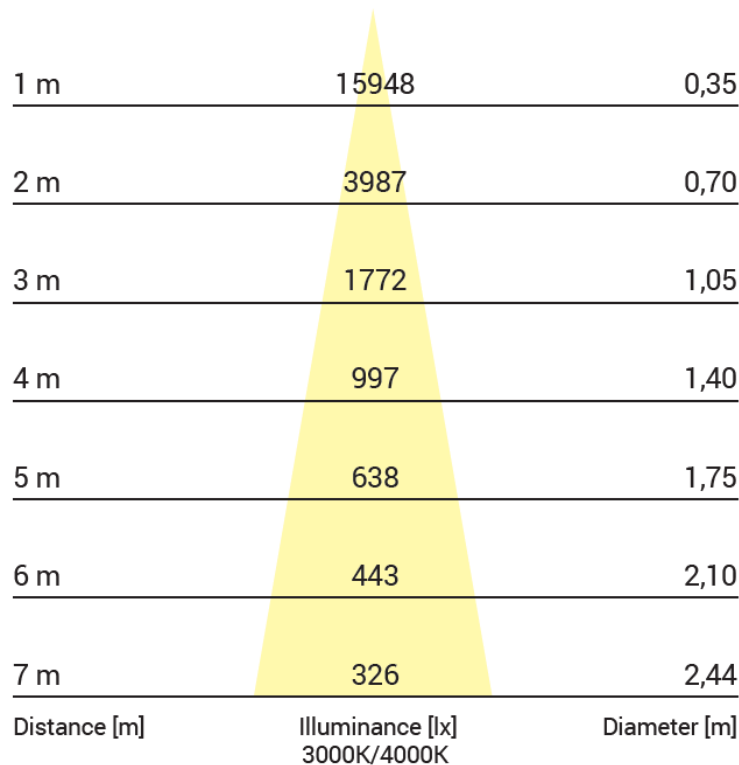
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Photometric data

| | |
|-----------------------------|-------------|
| Total luminous flux: | 2834.29 lm |
| Color temperature: | 3005 K |
| x: | 0.4391 |
| y: | 0.4091 |
| Color rendering index: | 92.1 |
| Wattage: | 28.87 W |
| U | 229.73 V |
| I | 0.1303 A |
| Power factor: | 0.9646 |
| Luminous efficacy: | 100.06 lm/W |
| Flux in lower hemisphere: | 98.6% |
| Flux in upper hemisphere: | 1.4% |
| Maximum luminous intensity: | 15948 cd |
| Light output ratio (LOR): | 100.00% |

Beam cone diagram Beam angle 20°

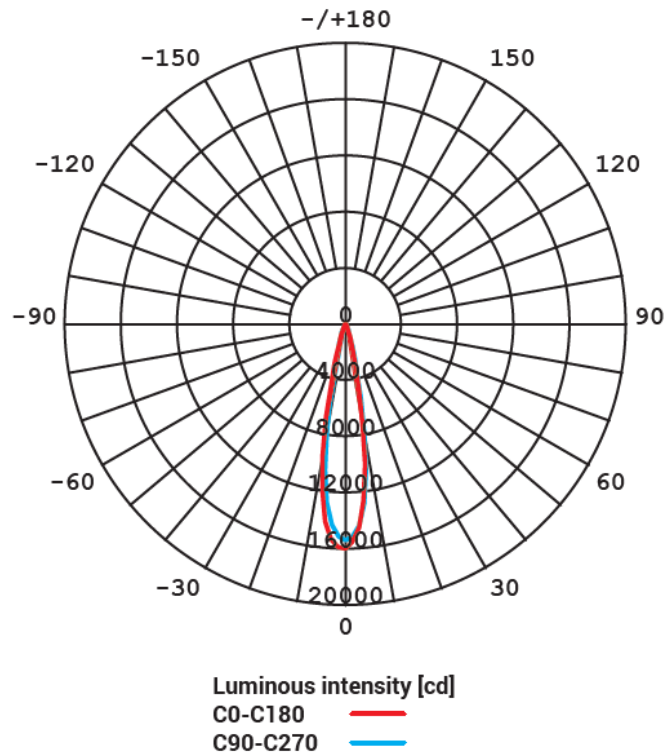


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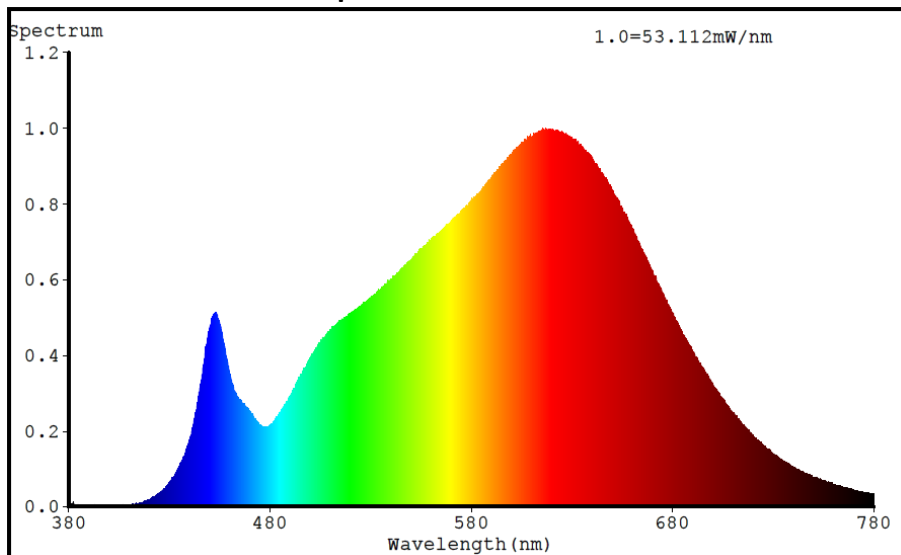
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LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



Spectral distribution



LUMINAIRE PHOTOMETRIC TEST REPORT

8751 CTLS NEA LED BLACK 30W, 3000K, ANGLE37°



Description Lines

| | |
|-------------------|---|
| Manufacturer: | NOWODVORSKI LIGHTING |
| Model name: | 8751 CTLS NEA LED BLACK 30W,3000K,ANGLE37 |
| File name: | 8751 CTLS NEA LED BLACK 30W,3000K,ANGLE37.ldt |
| Date: | 2019-12-06 |
| Report number: | EF 06/12/2019/39; EF 12/12/2019/40 |
| Length: | 170 mm |
| Width: | 75 mm |
| Height: | 205 mm |
| 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: | 2 deg |
| C interval: | 10 deg |
| γ range: | 0-180 deg |
| Measurement distance: | 6.56 m |

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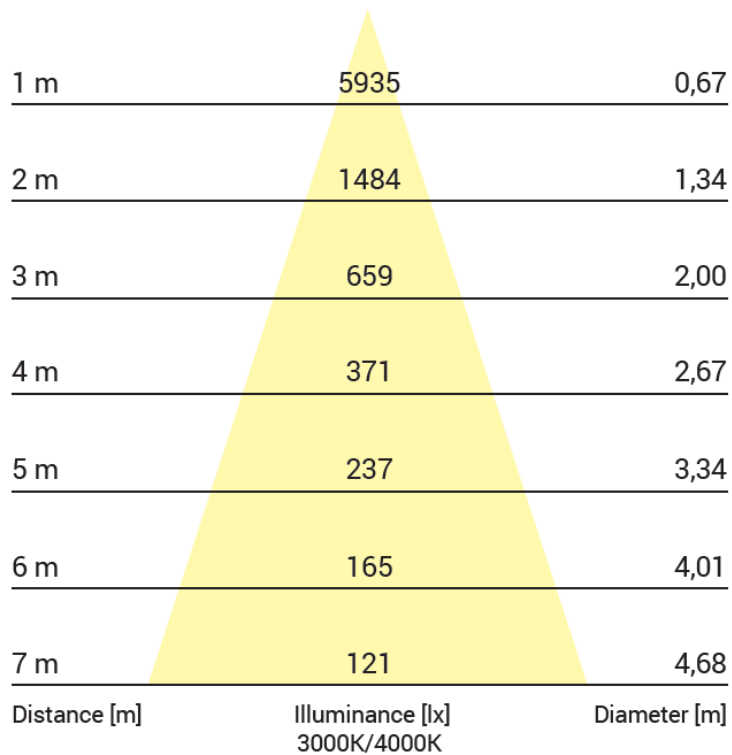
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Photometric data

| | |
|-----------------------------|-------------|
| Total luminous flux: | 2836.96 lm |
| Color temperature: | 3005 K |
| x: | 0.4391 |
| y: | 0.4091 |
| Color rendering index: | 92.1 |
| Wattage: | 28.79 W |
| U | 229.71 V |
| I | 0.1299 A |
| Power factor: | 0,9645 |
| Luminous efficacy: | 100.34 lm/W |
| Flux in lower hemisphere: | 98.6% |
| Flux in upper hemisphere: | 1.4% |
| Maximum luminous intensity: | 5935 cd |
| Light output ratio (LOR): | 100.00% |

Beam cone diagram Beam angle 37°



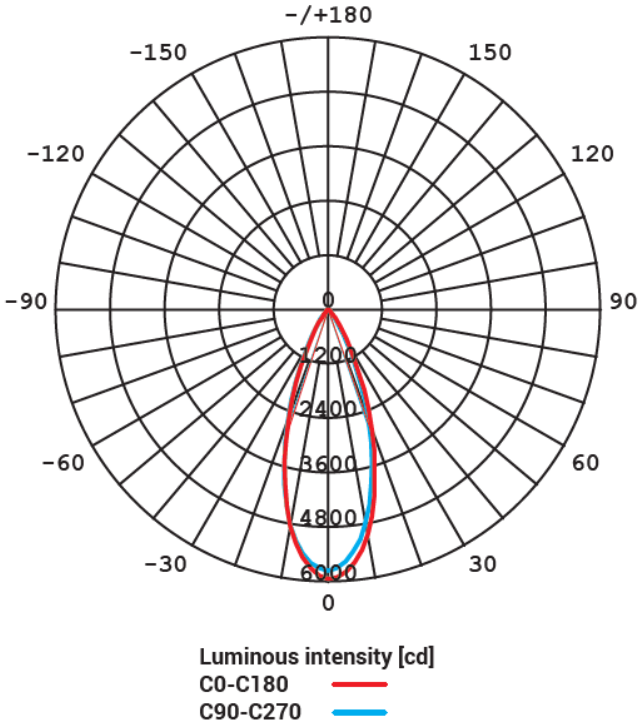
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LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



Spectral distribution

