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## LUMINAIRE PHOTOMETRIC TEST REPORT

### 8768 CL KEA LED 40W, 3000K



#### Description Lines

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|-------------------|-------------------------------|
| Manufacturer:     | NOWODVORSKI LIGHTING          |
| Model name:       | 8768 CL KEA LED 40W,3000K     |
| File name:        | 8768 CL KEA LED 40W,3000K.ltd |
| Date:             | 2019-10-28                    |
| Report number:    | EF 28/10/2019/8               |
| Length:           | 220mm                         |
| Width:            | 220mm                         |
| Height:           | 114mm                         |
| IP rating:        | IP 44/IP 20                   |
| Protection class: | II                            |
| Dimmable:         | No                            |

#### Equipment

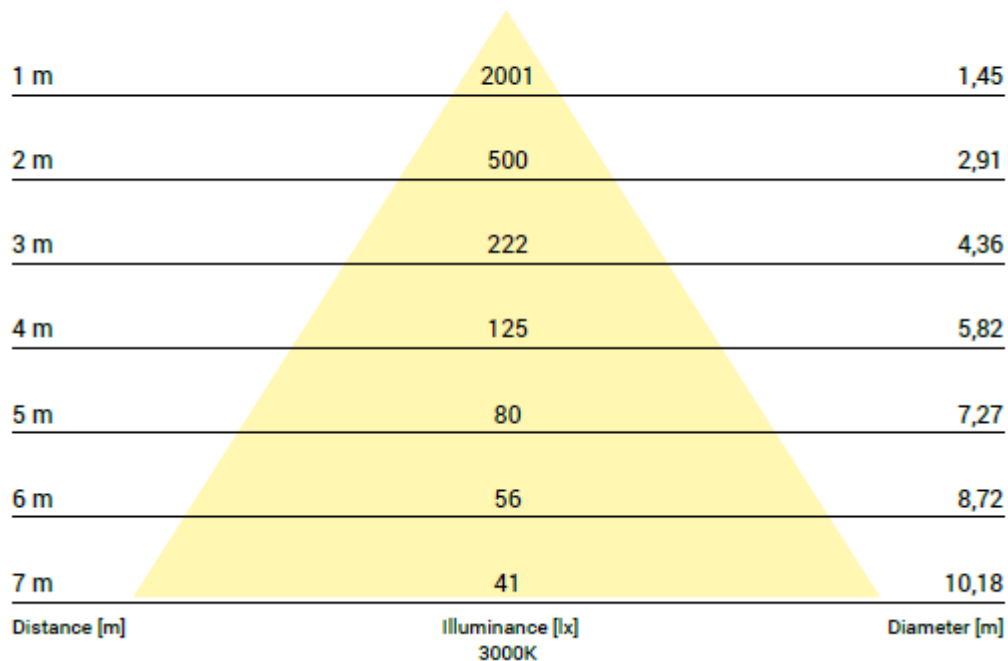
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|                       |                                       |
|-----------------------|---------------------------------------|
| Test system:          | EVERFINE GO-2000B_V1 SYSTEM V2.00.417 |
| Temperature:          | 25 +/-1 °C                            |
| Humidity:             | 65.0%                                 |
| $\gamma$ interval:    | 2 deg                                 |
| C interval:           | 10 deg                                |
| $\gamma$ range:       | 0-180 deg                             |
| Measurement distance: | 6.56 m                                |

## Photometric data

|                             |            |
|-----------------------------|------------|
| Total luminous flux:        | 2694.4 lm  |
| Color temperature:          | 3026 K     |
| x:                          | 0.4351     |
| y:                          | 0.4034     |
| Color rendering index:      | 95.5       |
| Wattage:                    | 39.475 W   |
| U                           | 220.48 V   |
| I                           | 0.1831 A   |
| Power factor:               | 0.9780     |
| Luminous efficacy:          | 68.26 lm/W |
| Flux in lower hemisphere:   | 98.7%      |
| Flux in upper hemisphere:   | 1.3%       |
| Maximum luminous intensity: | 2001 cd    |
| Light output ratio (LOR):   | 100.00%    |

**Beam cone diagram**  
**Beam angle 65°**



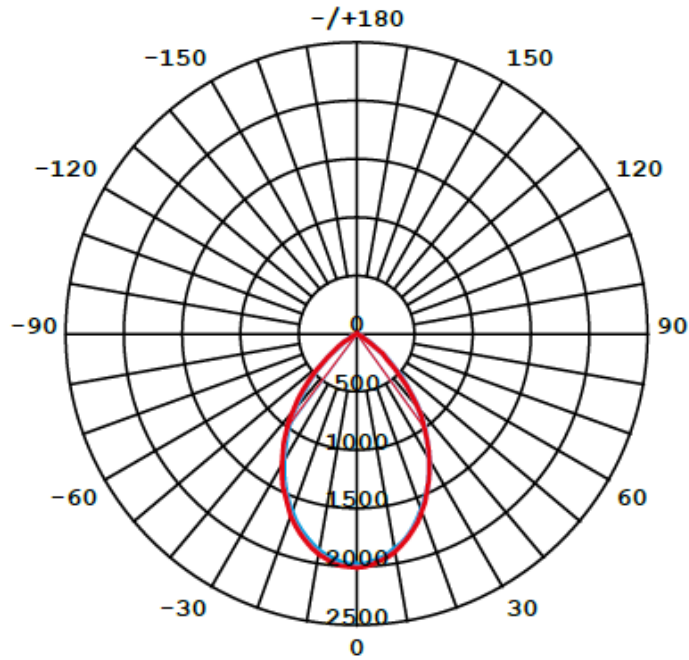
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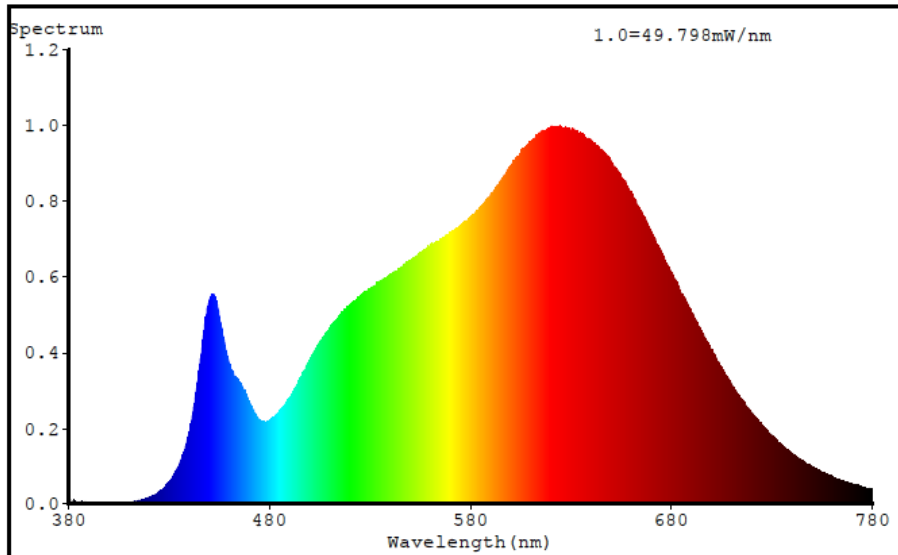
[www.nowodvorski.com](http://www.nowodvorski.com)

### LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



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

### Spectral distribution



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