

## LUMINAIRE PHOTOMETRIC TEST REPORT

### 8766 CTLS MILO LED WHITE 15W, 3000K, ANGLE 18°



#### Description Lines

Manufacturer:	NOWODVORSKI LIGHTING
Model name:	8766 CTLS MILO LED WHITE 15W,3000K,ANGLE18
File name:	8766 CTLS MILO LED WHITE 15W,3000K,ANGLE18.ltd
Date:	2019-08-19
Report number:	EF 19/08/2019/21; EF 12/12/2019/22
Length:	215 mm
Width:	60 mm
Height:	175 mm
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%
$\gamma$ interval:	2 deg
C interval:	10 deg
$\gamma$ range:	0-180 deg
Measurement distance:	6.56 m

**Nowodvorski sp. j.**

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

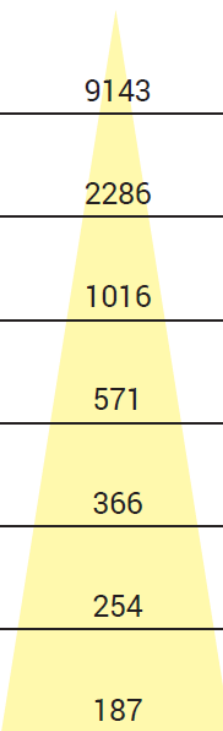
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## Photometric data

Total luminous flux:	1357.82 lm
Color temperature:	3081 K
x:	0.4305
y:	0.4004
Color rendering index:	91.3
Wattage:	16.748 W
U	230.48 V
I	0.0789 A
Power factor:	0,9210
Luminous efficacy:	81.07 lm/W
Flux in lower hemisphere:	98.6%
Flux in upper hemisphere:	1.4%
Maximum luminous intensity:	9143 cd
Light output ratio (LOR):	100.00%

## Beam cone diagram Beam angle 18°



1 m	9143	0,31
2 m	2286	0,62
3 m	1016	0,93
4 m	571	1,24
5 m	366	1,55
6 m	254	1,86
7 m	187	2,17
Distance [m]	Illuminance [lx] 3000K/4000K	Diameter [m]

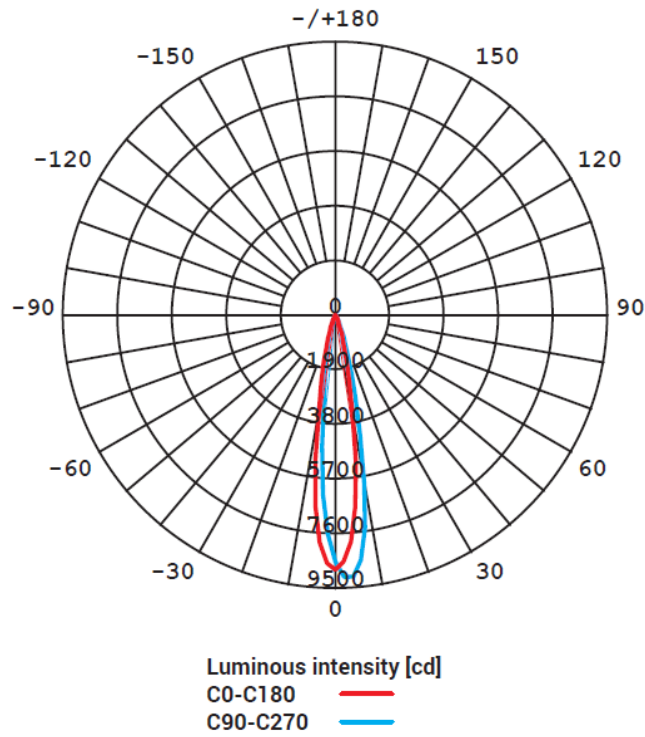
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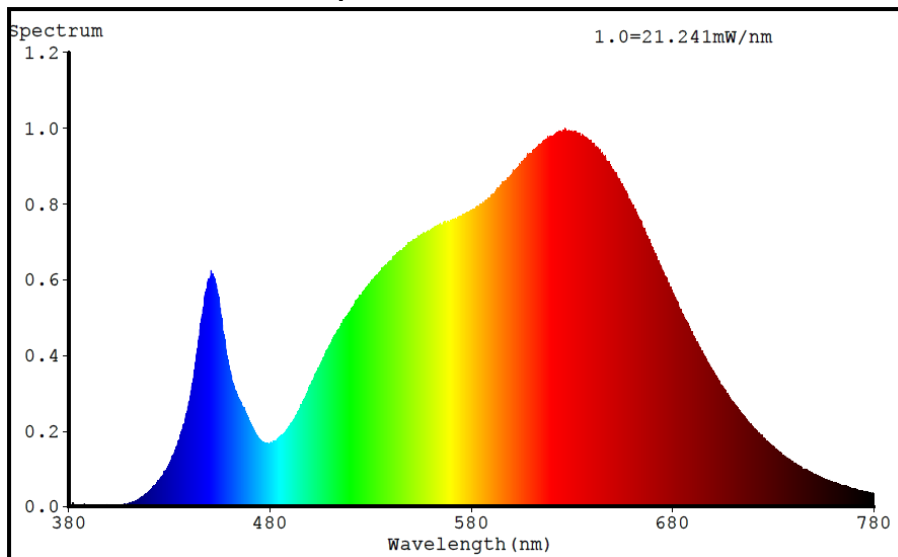
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### LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



### Spectral distribution



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## LUMINAIRE PHOTOMETRIC TEST REPORT

### 8766 CTLS MILO LED WHITE 15W, 3000K, ANGLE 50°



#### Description Lines

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Manufacturer:	NOWODVORSKI LIGHTING
Model name:	8766 CTLS MILO LED WHITE 15W,3000K,ANGLE50
File name:	8766 CTLS MILO LED WHITE 15W,3000K,ANGLE50.ldt
Date:	2020-02-20
Report number:	EF 20/02/2020/24; EF 12/12/2019/22
Length:	215 mm
Width:	60 mm
Height:	175 mm
IP rating:	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:	1 deg
C interval:	10 deg
$\gamma$ range:	0-90 deg
Measurement distance:	6.56 m

Nowodvorski sp. j.

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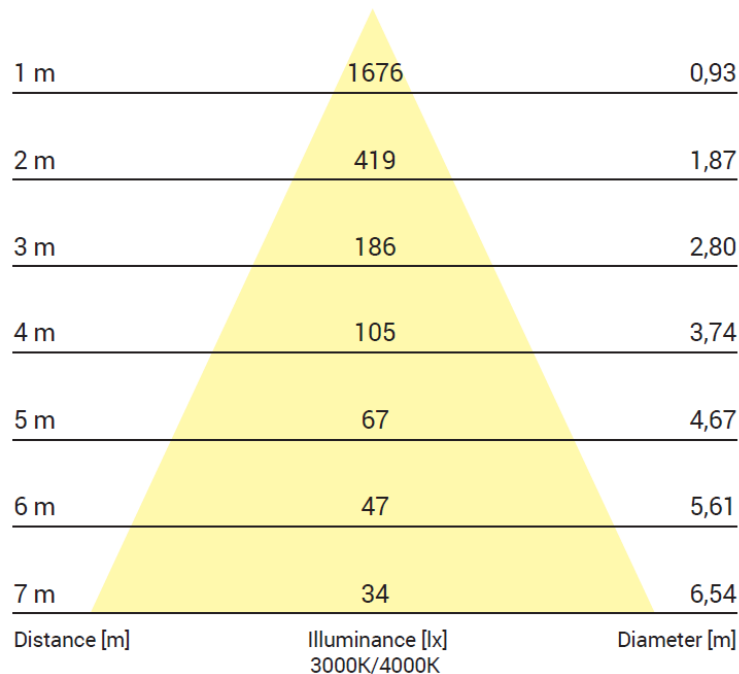
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## Photometric data

Total luminous flux:	1151.31 lm
Color temperature:	3081 K
x:	0.4305
y:	0.4004
Color rendering index:	91.3
Wattage:	16.958 W
U	220.58 V
I	0.0789 A
Power factor:	0.9343
Luminous efficacy:	67.89 lm/W
Flux in lower hemisphere:	100.00%
Flux in upper hemisphere:	0.0%
Maximum luminous intensity:	1676 lm
Light output ratio (LOR):	100.00%

**Beam cone diagram**  
Beam angle 50°



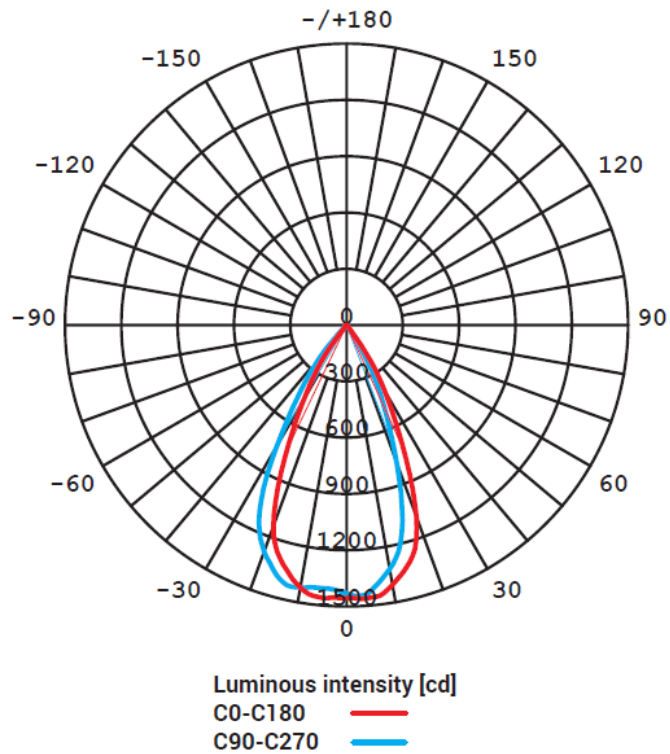
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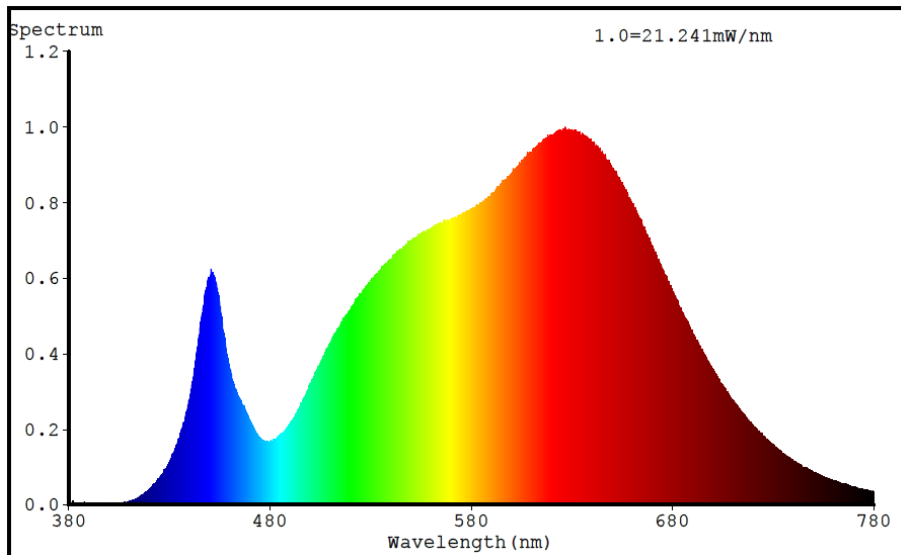
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### LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



### Spectral distribution



## LUMINAIRE PHOTOMETRIC TEST REPORT

### 8766 CTLS MILO LED WHITE 15W, 3000K, ANGLE 24°



#### Description Lines

Manufacturer:	NOWODVORSKI LIGHTING
Model name:	8766 CTLS MILO LED WHITE 15W,3000K,ANGLE24
File name:	8766 CTLS MILO LED WHITE 15W,3000K,ANGLE24.ltd
Date:	2019-08-19
Report number:	EF 19/08/2019/23; EF 12/12/2019/22
Length:	215 mm
Width:	60 mm
Height:	175 mm
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

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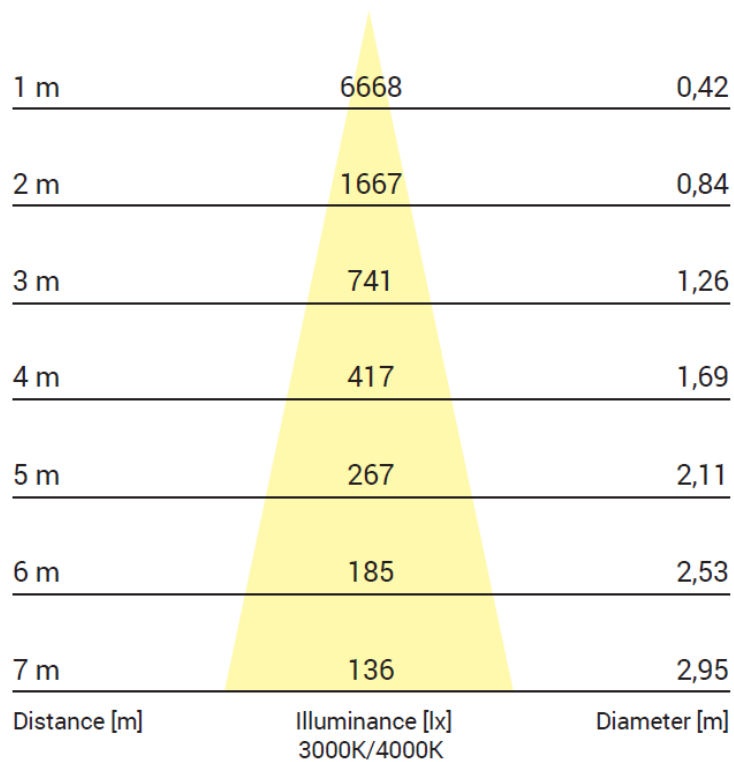
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## Photometric data

Total luminous flux:	1395.89 lm
Color temperature:	3081 K
x:	0.4305
y:	0.4004
Color rendering index:	91.3
Wattage:	16.748 W
U	230.48 V
I	0.0789 A
Power factor:	0,9290
Luminous efficacy:	83.42 lm/W
Flux in lower hemisphere:	98.6%
Flux in upper hemisphere:	1.4%
Maximum luminous intensity:	6668 cd
Light output ratio (LOR):	100.00%

### Beam cone diagram Beam angle 24°



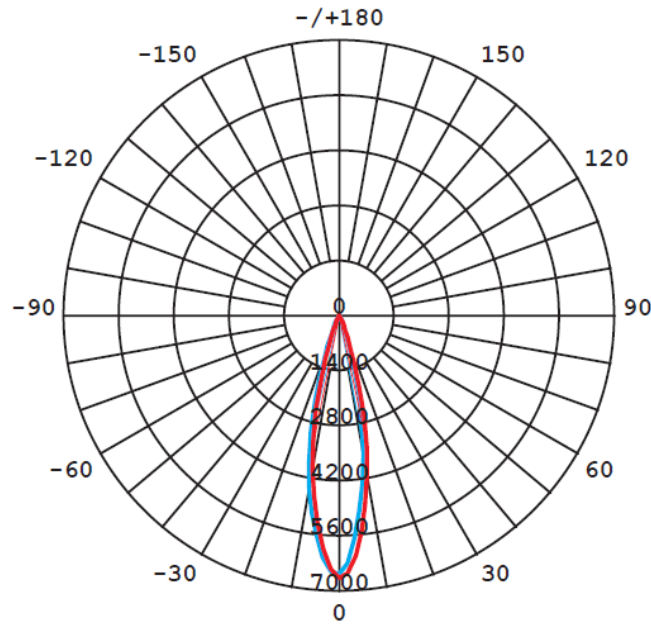
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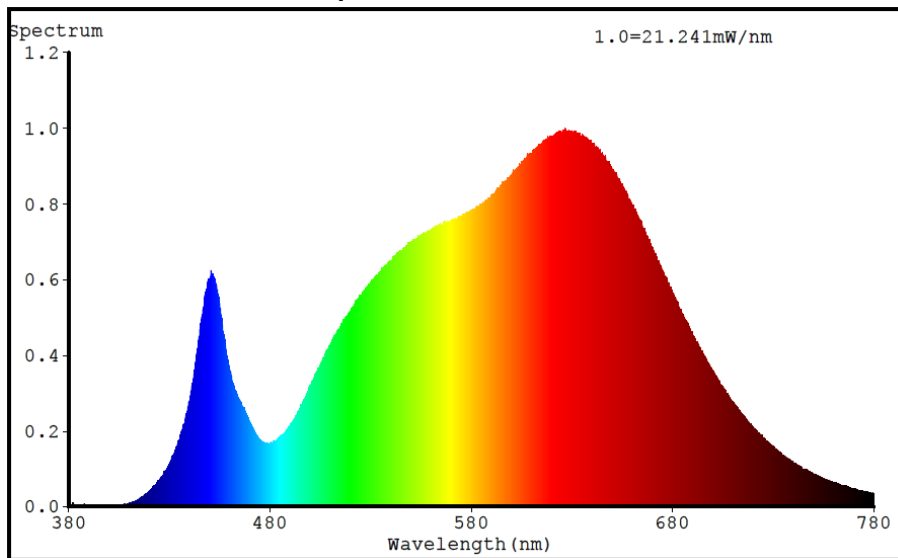


### LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



Luminous intensity [cd]  
 C0-C180 — (red line)  
 C90-C270 — (blue line)

### Spectral distribution



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