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LUMINAIRE PHOTOMETRIC TEST REPORT

8746 CTLS NEA LED BLACK 40W, 3000K, ANGLE37Á

Description Lines

Manufacturer:	NOWODVORSKI LIGHTING
Model name:	8746 CTLS NEA LED BLACK 40W,3000K,ANGLE37
File name:	8746 CTLS NEA LED BLACK 40W,3000K,ANGLE37.ldt
Date:	2019-12-06
Report number:	EF 06/12/2019/34; EF 12/12/2019/35
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 ÁC
Humidity:	65.0%
ɔ interval:	2 deg
C interval:	10 deg
ɔ range:	0-180 deg
Measurement distance:	6.56 m

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Photometric data

Total luminous flux:	3689.54 lm
Color temperature:	2971 K
x:	0.4396
y:	0.4061
Color rendering index:	92.4
Wattage:	36.274 W
U	230.37 V
I	0.1631 A
Power factor:	0.9652
Luminous efficacy:	101.71 lm/W
Flux in lower hemisphere:	98.6%
Flux in upper hemisphere:	1.4%
Maximum luminous intensity:	7921 cd
Light output ratio (LOR):	100.00%

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Spectral distribution

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LUMINAIRE PHOTOMETRIC TEST REPORT

8746 CTLS NEA LED BLACK 40W, 3000K, ANGLE25Á

Description Lines

Manufacturer:	NOWODVORSKI LIGHTING
Model name:	8746 CTLS NEA LED BLACK 40W,3000K,ANGLE25
File name:	8746 CTLS NEA LED BLACK 40W,3000K,ANGLE25.ldt
Date:	2019-12-06
Report number:	EF 06/12/2019/33; EF 12/12/2019/35
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 ÁC
Humidity:	65.0%
ɔ interval:	2 deg
C interval:	10 deg
ɔ range:	0-180 deg
Measurement distance:	6.56 m

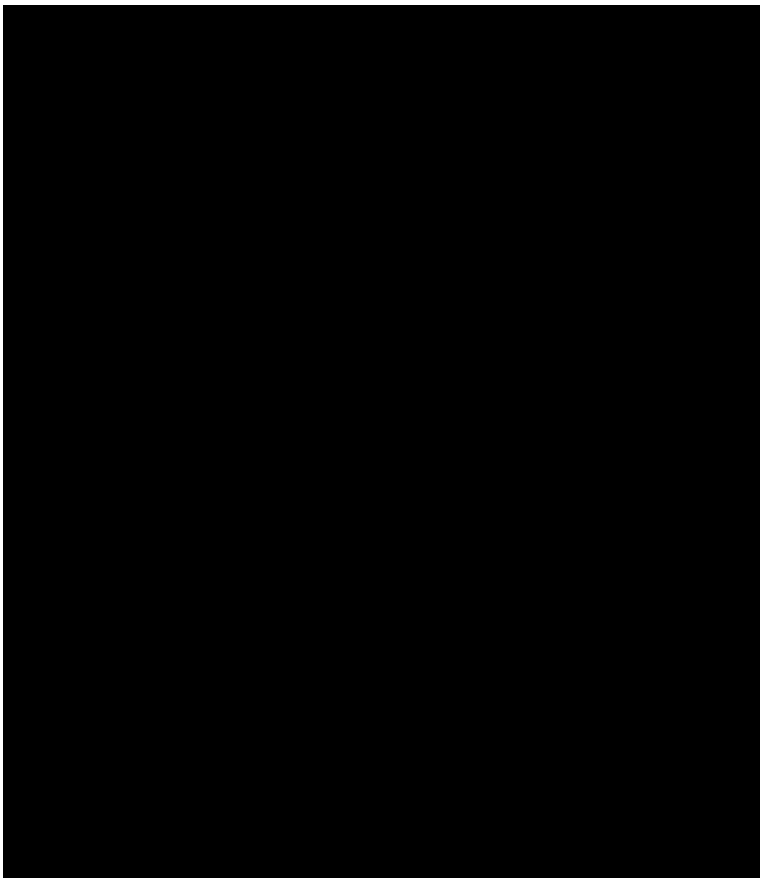
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Photometric data

Total luminous flux:	3492.63 lm
Color temperature:	2971 K
x:	0.4396
y:	0.4061
Color rendering index:	92.4
Wattage:	36.241 W
U	230.39 V
I	0.1630 A
Power factor:	0.9651
Luminous efficacy:	96.37 lm/W
Flux in lower hemisphere:	98.6%
Flux in upper hemisphere:	1.4%
Maximum luminous intensity:	15100 cd
Light output ratio (LOR):	100.00%



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Spectral distribution

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LUMINAIRE PHOTOMETRIC TEST REPORT

8746 CTLS NEA LED BLACK 40W, 3000K, ANGLE20Á

Description Lines

Manufacturer:	NOWODVORSKI LIGHTING
Model name:	8746 CTLS NEA LED BLACK 40W,3000K,ANGLE20
File name:	8746 CTLS NEA LED BLACK 40W,3000K,ANGLE20.ldt
Date:	2019-12-06
Report number:	EF 06/12/2019/31; EF 12/12/2019/35
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 ÁC
Humidity:	65.0%
ɔ interval:	2 deg
C interval:	10 deg
ɔ range:	0-180 deg
Measurement distance:	6.56 m

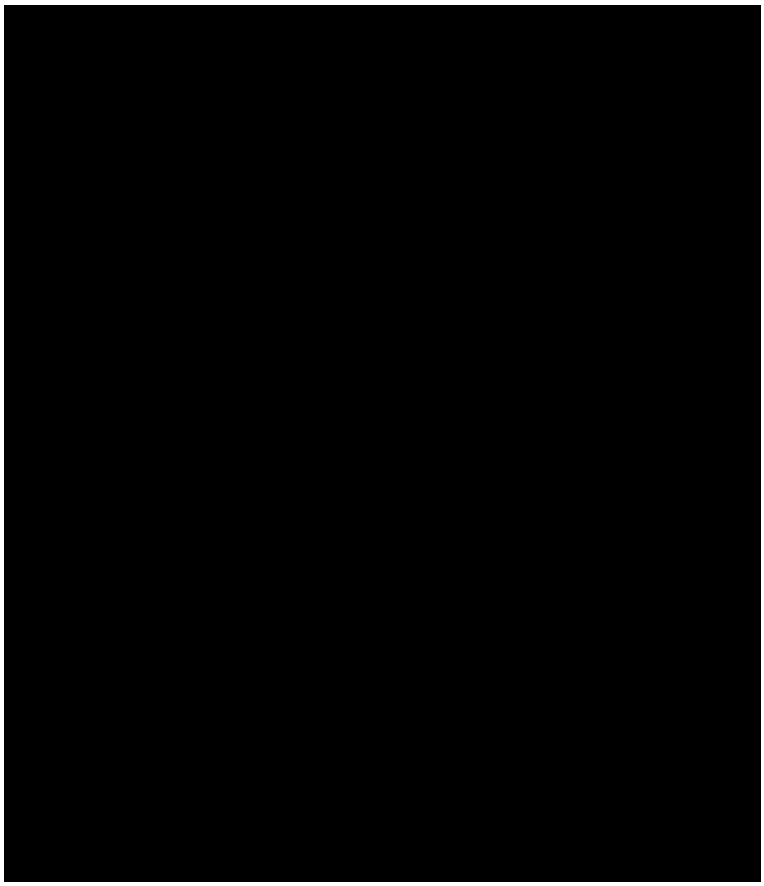
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Photometric data

Total luminous flux:	3561.57 lm
Color temperature:	2971 K
x:	0.4396
y:	0.4061
Color rendering index:	92.4
Wattage:	36.210 W
U	230.53 V
I	0.1628 A
Power factor:	0.9650
Luminous efficacy:	98.36 lm/W
Flux in lower hemisphere:	98.6%
Flux in upper hemisphere:	1.4%
Maximum luminous intensity:	19752 cd
Light output ratio (LOR):	100.00%



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Spectral distribution

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