

TECHNICAL PRODUCT SHEET

NBB

LED reflektor

ORION LED 240V 100W 6000K IP65 black

Order Number
253202060

EAN13
8595209941398

CE



General information

Product description:	ORION LED 240V 100W 4000K IP65
Model/Description:	LED reflektor
Finish:	Průmyslový
Brand/Manufacturer:	NBB
Nominal service life (h):	30000
Material:	Aluminium
Name of production series:	ORION
With movement sensor:	Ne
With light sensor:	Ne
Lamp type:	LED
Nominal voltage (V):	230/240
Suitable for number of lamps:	1
Control gear included:	Ano
Suitable for traverse mounting:	Ano

Physical characteristics

Numbers of ballasts:	1
Number of couplings:	1
Type of chip:	SMD2835
Dimensions (mm):	330 x 275 x 95
Packing method:	1/4
Weight gross (kg):	4,88
Width:	275
Reflector:	Matný

Height:	95
Colour housing:	Černá
Weight netto:	4400
Length:	330
Height/depth (mm):	75
Material housing:	Aluminium
Impact strength:	IK10
Type of surface:	Matný
Adjustability:	Vertikálně

Electrical characteristics

Nominal wattage (W):	100
Rated power (W):	103
Operating voltage (V):	110/240
Type of Voltage:	AC
Lowest permitted operating voltage (V):	110
Voltage type:	AC
Suitable for lamp power:	100/100
Nominal current (A):	0,61
System power:	70
Suitable for pedestal/floor mounting:	Ano

EuP Parameters

Average Lifetime B50 (h):	30000
Luminescence Life maintenance factor :	70,0
Factor of functional reliability (LSF) after nom. life:	50,0
Turn-on time:	<0,3
Number of maximal switching cycles:	>50000
Colour difference:	90
Rated service life (hours):	30000
Energy consumption (AGGR) kWh / 1.000 h:	103

Working conditions

Average lifetime of the ballast (h):	30000
Dimmable by conventional dimmers:	ne
Light source is part of the fixture:	Ano
Working temperature of the ballast body -Tc max:	95
Type of cooler:	Aluminium
Degree of protection (IP):	IP65
Application:	Všeobecné osvětlování
Integrated driver:	Ano
Suitable for through-wiring:	Ne
Dimmable:	Ne
Type of control gear:	Elektronický nestmívatelný

Suitable for suspended mounting:	Ne
Operating ambiente temperature - Ta max °C:	-30/+45
Degree of protection (IP):	IP65
Fire resistance "D":	Ano
Suitable for wall mounting:	Ano
Type of dimming:	Nestmívatelné
Suitable for light-track mounting:	Ne
Suitable for clamp-mounting:	Ne
Suitable for ceiling mounting:	Ano

Lighting characteristics

Lum. flux after 100 hrs. oper.:	11000
Correlated colour temperature CCT (EM):	4500
Color rendering:	2B
Light Colour:	Chladná bílá
Wavelength range (nm):	380/780
Dominant wavelength:	760
Chromaticity coordinates x:	0,360
Chromaticity coordinates y:	0,320
Nom. lum. flux:	11000
CCT:	4200
Colour rendering index CRI:	80
Colour Code:	860
Light sharing:	Symetrické
Radiation angle:	Široký úhel
Colour temperature:	4000/4500
Effective luminous flux (lm):	11000
Colour of light:	Bílá
Beam angle Degrees (°):	120

Environmental characteristics

Maximum mercury content (mg):	0,00
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Energetic characteristics

Lamp power factor (λ):	>0,9
Rated efficiency after 100h.:	99,99
Lamp efficacy (lm/W):	110

EuP regulations

The rate of premature failures:	>0,1
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Mounting methods/application

Installation height (m):	3/10
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Mounting method:

Přisazená

Safety information

Safety instructions:

www.nbb.cz

Protection class:

Ochranným vodičem

Additional information

With lamp:

Ano

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