

TECHNICAL PRODUCT SHEET

NBB

LED reflektor

ORION LED 240V 20W 6000K IP65 black

Order Number
253202010

EAN13
8595209941435

CE

General information

Product description:	ORION LED 240V 20W 6000K 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):	198 x 157 x 60
Packing method:	1/4
Weight gross (kg):	1240
Width:	157
Reflector:	Matný

Colour housing:	Černá
Weight netto:	1125
Length:	198
Height/depth (mm):	60
Material housing:	Aluminium
Impact strength:	IK10
Type of surface:	Matný
Adjustability:	Vertikálně
Number of LEDs:	40

Electrical characteristics

Nominal wattage (W):	20
Rated power (W):	21,55
Operating voltage (V):	110/240
Type of Voltage:	AC
Lowest permitted operating voltage (V):	110
Voltage type:	AC
Nominal current (A):	0,130
System power:	20
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
The rate of premature failures:	0,01
Colour difference:	0,9
Rated service life (hours):	30000
Energy consumption (AGGR) kWh / 1.000 h:	21,55

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:	Ano
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.:	2200
Correlated colour temperature CCT (EM):	4200
Color rendering:	2B
Light Colour:	Chladná bílá
Wavelength range (nm):	380/780
Dominant wavelength:	453
Chromaticity coordinates x:	0,360
Chromaticity coordinates y:	0,320
Nom. lum. flux:	2200
CCT:	4200
Colour rendering index CRI:	85
Colour Code:	860
Light sharing:	Symetrické
Radiation angle:	Široký úhel
Colour temperature:	4000/4500
Effective luminous flux (lm):	2200
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):	0,72
Rated efficiency after 100h.:	99,99
Lamp efficacy (lm/W):	110

Mounting methods/application

Installation height (m):	2/3
Mounting method:	Přisazená

Safety information

Safety instructions:	www.nbb.cz
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Protection class:

Ochranným vodičem

Additional information

With lamp:

Ano

NBB BOHEMIA s.r.o., Sidliste 693, Benesov nad Ploucnici 407 22 www.nbb.cz 02.12.2015