PHILIPS

BVP169
LED240/830_40_65 PSU
200W SWB
911401878386

Multi ColorTemp

Ledinaire All-in floodlights, 200 W, 22000 lm, 24000 lm, 3000 K, 4000 K, 6500 K, CRI80, Symmetrical, IP65

Aluminum die cast, Grey, Traffic gray B (RAL7043), Single layer powder coating, Driver integrated on LED board (DoB), All-in, Multi Color Temperature, 22000 lm, 24000 lm, 200 W, 120 lm/W, 110 lm/W, 3000 K, 4000 K, 6500 K, (0.440,0.403); (0.369,0.364); (0.313,0.337) SDCM<5, CRI80, Symmetrical, IP65 | Dust penetration-protected, jet-proof, IK08 | 5 J vandal-protected, Safety class I, Surge protection level until 1.5 kV differential mode and 1.5 kV common mode, Cable 2.0 m without plug, Flying leads/wires

General Information

Lamp family code	LED240S [LED module, system flux 24000 lm]
Number of gear units	1 unit
Driver included	Yes
Light source engine type	LED system in flux
Service tag	No
Value ladder	Value
Warranty period	5 years

Light Technical

Upward light output ratio	0
Luminous Flux	22,000 lm
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	120 lm/W
Color rendering index (CRI)	>80
Light source color	Multi Color Temperature
Optic type	Symmetric 110^0
Luminaire light beam spread	110°
Optic type outdoor	Symmetrical
All-in Type	All-in, Multi Color Temperature
Effective projected area	0.11248 m^2

Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 or 60 Hz
Inrush current	4.38 A
Inrush time	0.0284 ms
Power Consumption	200 W
Power Factor (Fraction)	0.95
Connection	Flying leads/wires
Cable	Cable 2.0 m without plug
Number of products on MCB of 16 A type B	10
Suitable for random switching	Not applicable
Protection class IEC	Safety class I
Surge Protection (Common/ Differential)	Surge protection level until 1.5 kV differential mode and 1.5 kV common mode
Total harmonic distortion	20 %

Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Driver integrated on LED board (DoB)
Constant light output	No
Embedded control	-
Photocell	-

Mechanical and Housing

Housing Material	Aluminum die cast
Reflector material	Polycarbonate
Optic material	Glass
Optical cover material	Tempered glass
Fixation material	Steel
Housing Color	Grey
Mounting device	Via U Shaped Bracket, Aiming Scale Angle, Universal Installation
Optical cover shape	Flat
Optical cover finish	Clear
Overall length	474 mm
Overall width	336 mm
Overall height	41 mm
Dimensions (Height x Width x Depth)	41 x 336 x 474 mm
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Standard tilt angle posttop	27°
Standard tilt angle side entry	-
Optical cover type	Glass
Net Weight (Piece)	4.360 kg

Emergency Operation

Central Emergency	No

Approval and Application

Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	For mounting on normally flammable surfaces
CE mark	Yes
ENEC mark	-
Photobiological risk	Photobiological risk group 1 @200mm to EN62778
Photobiological risk specification	0.2 m

EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Ambient temperature range	-25 to +40 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.440,0.403); (0.369,0.364); (0.313,0.337) SDCM<5
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	-2
Standard Deviation of Colour Matching (McAdam ellipse)	SDCM≤5

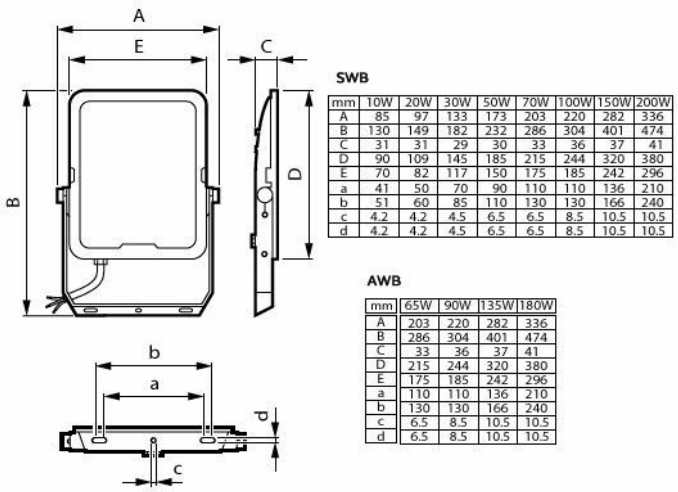
Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50000 h	7.5 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L80
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 75000 h	L70

Sustainability Data

Sustainability rating	Unclassified
Repair class	Repair Class D, this product is not designed to be repaired.

Dimensional drawing



SWB

mm	10W	20W	30W	50W	70W	100W	150W	200W
A	85	97	133	173	203	220	282	336
B	130	149	182	232	286	304	401	474
C	31	31	29	30	33	36	37	41
D	90	109	145	185	215	244	320	380
E	70	82	117	150	175	185	242	296
a	41	50	70	90	110	110	136	210
b	51	60	85	110	130	130	166	240
c	4.2	4.2	4.5	6.5	6.5	8.5	10.5	10.5
d	4.2	4.2	4.5	6.5	6.5	8.5	10.5	10.5

AWB

mm	65W	90W	135W	180W
A	203	220	282	336
B	286	304	401	474
C	33	36	37	41
D	215	244	320	380
E	175	185	242	296
a	110	110	136	210
b	130	130	166	240
c	6.5	8.5	10.5	10.5
d	6.5	8.5	10.5	10.5

Embedded carbon (A1-A3)	57.9 kg CO_2e
Product non-virgin material ratio	10.9 %
Recyclable content ratio of the finished product	64 %
GWP total B6 (kg CO2eq) Declared Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * Service life (hrs) Declared Unit * Energy mix (kg CO2eq / kwh)
GWP total B6 (kg CO2eq) Functional Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * 1000 (lm) /lumen output (lm) Declared Unit * 35000 (hrs) * Energy mix (kg CO2 eq / kwh)
Non-virgin material ratio of the packaging	Cardboard > 80% recycled
Packaging Recyclable content ratio	Cardboard recycling rate > 80%
Packaging Material	Cardboard

Product Data

Order product name	BVP169 LED240/830_40_65 PSU 200W SWB
Full product name	BVP169 LED240/830_40_65 PSU 200W SWB
Full product code	872016973608599
Order code	73608599
Material Nr. (12NC)	911401878386
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169736085
Numerator - Packs per outer box	4
EAN/UPC - Case	8720169736276

Related Documents

Documents and certificates	Document Name	Download
Environmental Product Declaration	EPD-PHILIPS-BVP169-LED240-830-40-65-PSU-200W-SWB-911401878386.pdf	Download
Environmental Product Declaration	EPD-HUB-EPD-Philips-Ledinaire-All-in-floodlights-BVP169-Ref-911401878386.pdf	Download
Installation Instructions	Mounting-instruction-Ledinaire-Floodlight-All-in-SWB.pdf	Download

Photometric and IES	Document Name	Download
LDT File	Ledinaire-Flood-BVP169-1xLED240-830-40-65-840-PSU-SWB.ldt	Download

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