PHILIPS

BVP440 LED1200/757 DW BV FG PSD ALU D9

912300060573

GameVision, Floodlight for sports and area, 736 W, 110769 lm, 5700 K, CRI70, DALI, Asymmetrical, Interact Ready, IP66

Floodlight for sports and area, Aluminium, Aluminum, Power supply unit with DALI interface, 110769 lm, 736 W, 150 lm/W, 5700 K, (0.329,0.342), CRI70, Asymmetrical, IP66 | Dust penetration-protected, jet-proof, IK08 | 5 J vandal-protected, Safety class I, Surge protection level until 10 kV differential mode and 10 kV common mode, Connection unit 5-pole

General Information

Lamp family code	LED1200 [LED module 120000 lm]
Number of gear units	1 unit
Driver included	Yes
Light source engine type	LED
Service tag	Yes
Value ladder	Specification
Warranty period	5 years

Light Technical

Upward light output ratio	0
Luminous Flux	110,769 lm
Correlated Color Temperature (Nom)	5700 K
Luminous Efficacy (rated) (Nom)	150 lm/W
Color rendering index (CRI)	70
Light source color	757 cool white
Luminaire light beam spread	-
Optic type outdoor	Asymmetrical
Effective projected area	0.081 m^2

Operating and Electrical

Input Voltage	230 to 400 V
Line Frequency	50 or 60 Hz
Inrush current	30 A
Inrush time	300 ms
Power Consumption	736 W
Power Factor (Fraction)	0.9
Connection	Connection unit 5-pole
Cable	-
Number of products on MCB of 16 A type B	2
Protection class IEC	Safety class I
Surge Protection (Common/ Differential)	Surge protection level until 10 kV differential mode and 10 kV common mode
Total harmonic distortion	20 %

Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	No
DALI Standard	DALI
Connectivity	Interact Ready

Mechanical and Housing

Housing Material	Aluminium
Reflector material	Aluminum
Optic material	-
Optical cover material	Glass
Fixation material	Aluminum
Housing Color	Aluminum
Mounting device	Mounting bracket adjustable
Optical cover shape	Flat
Optical cover finish	Clear
Overall length	759 mm
Overall width	610 mm
Overall height	359 mm
Dimensions (Height x Width x Depth)	359 x 610 x 759 mm
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Standard tilt angle posttop	10°
Standard tilt angle side entry	-
Optical cover type	Clear glass
Net Weight (Piece)	23.000 kg

Approval and Application

Flammability mark	-
CE mark	Yes
ENEC mark	ENEC mark
EU RoHS compliant	Yes
Performance ambient temperature Tq	15 °C
Ambient temperature range	-40 to +50 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-7%
Initial chromaticity	(0.329,0.342)
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50000 h	10 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L80

Sustainability Data

Sustainability rating	Unclassified
Repair class	Repair Class B, the driver and light source of this luminaire can be replaced by a service technician. Parts and documentation are available for an extended period of time.
Non-virgin material ratio of the packaging	Cardboard > 80% recycled
Packaging Recyclable content ratio	Cardboard recycling rate > 80%
Packaging Material	Cardboard

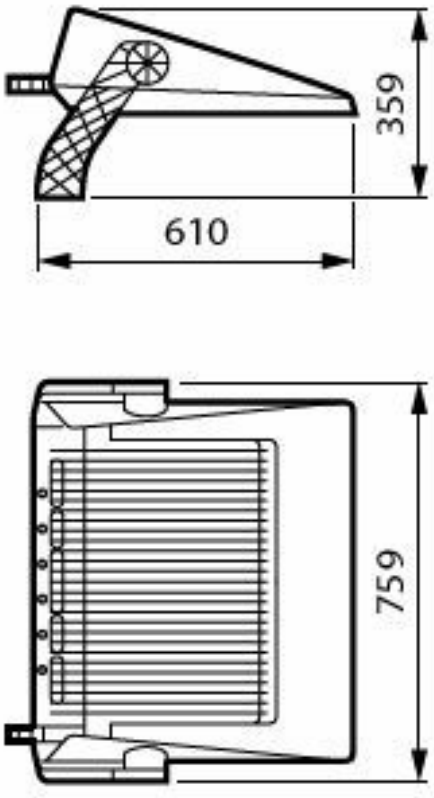
Product Data

Order product name	BVP440 LED1200/757 DW BV FG PSD ALU D9
Full product name	BVP440 LED1200/757 DW BV FG PSD ALU D9

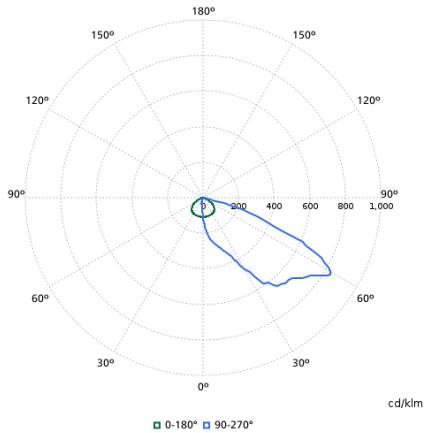
Full product code	872016980196700
Order code	80196700
Material Nr. (12NC)	912300060573
Numerator - Quantity Per Pack	1

EAN/UPC - Product/Case	8720169801967
Numerator - Packs per outer box	1
EAN/UPC - Case	8720169801967
Product family code	BVP440 [GAMEVISION]

Dimensional drawing



Polar normal diagrams



Related Documents

Documents and certificates	Document Name	Download
Installation Instructions	443000022439GVMI.pdf	Download
Tender text	Tender_Text_912300060573_en_BG.txt	Download

Photometry and lighting design	Document Name	Download
LDT File	LDT File - BVP440I - 912300060573.ldt	Download
ROLF File	ROLF File - BVP440I - 912300060573.rolfz	Download
ULD File	ULD File - BVP440I - 912300060573.uld	Download

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