



SportControl

BPS375 110S/840 PSD W20L148 WB-NB

SportControl, indoor sports luminaire, 63 W, 11000 lm, 4000 K, DALI, Wide beam, White

indoor sports luminaire, Steel, White, Traffic white (RAL9016), Power supply unit with DALI interface, 11000 lm, 63 W, 174 lm/W, 4000 K, (0.38, 0.38) SDCM <3.5, UGR19, Wide beam, IP20 | Finger-protected, IK02 | 0.2 J standard, Safety class I, 2 Push-in connector 5-pole

Product data

General Information	
Number of gear units	1 unit
Driver included	Yes
Service tag	Yes
Warranty period	5 years
Light Technical	
Luminous Flux	11,000 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	174 lm/W
Color rendering index (CRI)	>80
Light source color	840 neutral white
Optic type	Wide beam
Luminaire light beam spread	90° x 100°
Unified glare rating CEN	19
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz

Inrush current	5 A
Inrush time	1 ms
Power Consumption	63 W
Power Factor (Fraction)	0.97
Connection	2 Push-in connector 5-pole
Cable	-
Number of products on MCB of 16 A type B	24
Suitable for random switching	No
Protection class IEC	Safety class I
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-2™

Mechanical and Housing

Housing Material	Steel
Reflector material	-
Optic material	Polymethyl methacrylate
Optical cover material	-
Fixation material	Steel
Housing Color	White
Optical cover finish	-
Overall length	1,478 mm
Overall width	198 mm
Overall height	93 mm
Dimensions (Height x Width x Depth)	93 x 198 x 1478 mm
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Net Weight (Piece)	8.600 kg

Approval and Application

Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	-
CE mark	Yes
ENEC mark	ENEC mark
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Ambient temperature range	-20 to +35 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	-10% / +10%
Initial chromaticity	(0.38, 0.38) SDCM <3.5
Power consumption tolerance	+/-10%
Standard Deviation of Colour Matching (McAdam ellipse)	SDCM≤4

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50000 h	5 %
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Control gear failure rate at median useful life 100000 h	10 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L95
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	L85

Sustainability Data

Sustainability rating	Unclassified
Repair class	Repair Class C, the driver of this luminaire can be replaced by a service technician. Special care is required during disassembly and reassembly, and specific tools may be required. Parts and documentation are available for a 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	BPS375 110S/840 PSD W20L148 WB-NB
Full product name	BPS375 110S/840 PSD W20L148 WB-NB
Full product code	872016961809100
Order code	910505103781
Material Nr. (12NC)	910505103781
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169618091
Numerator - Packs per outer box	1
EAN/UPC - Case	8720169618091
Product family code	BPS375 [SportControl LED]

Dimensional drawing



