

SportControl

BCS375i



A robust yet simple solution for indoor sport application

SportControl is a full family of LED luminaires designed to provide illumination for indoor sports application. The family can be surface mounted or suspended and is available in 3 different sizes delivering a range of light outputs. In addition, SportControl has multiple optical combinations to enable a fully optimised lighting design to fit the application requirements. These luminaires are always equipped with a DALI driver enabling the fixtures to be connected to a lighting control system further enhancing the energy saving possibilities. The SportControl family is ball-proof-tested and approved according to the relevant standard, making it a preferred choice for the indoor sports halls.

Benefits

- SportControl product family offers a diverse portfolio of flux and optical options to optimise lighting schemes for indoor sports applications.
- Dedicated optical combinations to drive application efficiency.
- Well designed luminaire helps maximise lifetime and minimise maintenance costs for both new built and retrofit installations.
- SportControl is ball-proof-tested and approved, making it a safe choice for indoor sport-lighting application.

Applications

- Arena and Sports
- Indoor sport halls
- Indoor gymnasium

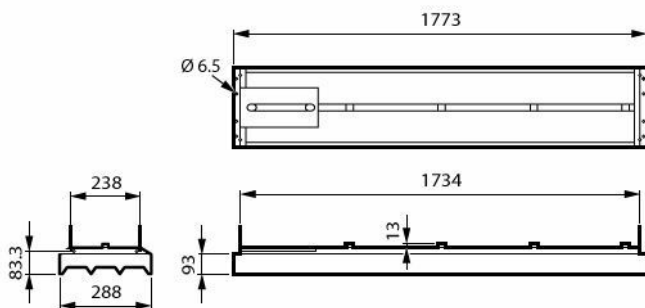
Versions



Features

- Efficacy up to 177 lm/W
- Multiple flux and optical options
- Luminaires equipped with DALI drivers
- Lumen maintenance @100k hrs L85
- Lumen maintenance @50k hrs L95
- Ball-proof-certified
- IK08 versions also available
- Surface mounted (BCS375) and suspended mounting (BPS375) possible

Dimensional drawing



BPS375 200S/840 PSD W29L177 WB-NB IK08

General Information

Number of gear units	Unit
Driver included	Yes
Service Tag	Yes

Light Technical

Luminous Flux	20,000 lm
Correlated Colour Temperature (Nom)	4000 K
Luminous efficacy (rated) (nom.)	168 lm/W
Colour rendering index (CRI)	>80
Optic type	Wide beam

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Power Consumption	119 W
Suitable for random switching	No
Protection class IEC	Safety class I

Controls and Dimming

Dimmable	Yes
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Mechanical and Housing

Housing Colour	White
Impact resistance for specific applications	Ball-proof/ball-impact resistant lighting
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK08 [5 J vandal-protected]

Approval and Application

Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	-
CE mark	Yes
ENEC mark	ENEC mark
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

Product Data

Product family code	BPS375 [SportControl LED]
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