



Features

- SportsBay luminaire developed for sports halls with 12800lumens, 81W, 158lm/W, 4000K, CRI 80, wide beam 117°optic, SylSmart SSA dimmable without PIR motion detection, 3 step MacAdam ellipse, Class 1, 220-240V, IP20, IK10, lifespan 100Khrs L70B50, (LxWxH) 1220x320x66mm. Ball-impact-resistance according to VDE 0710-13.

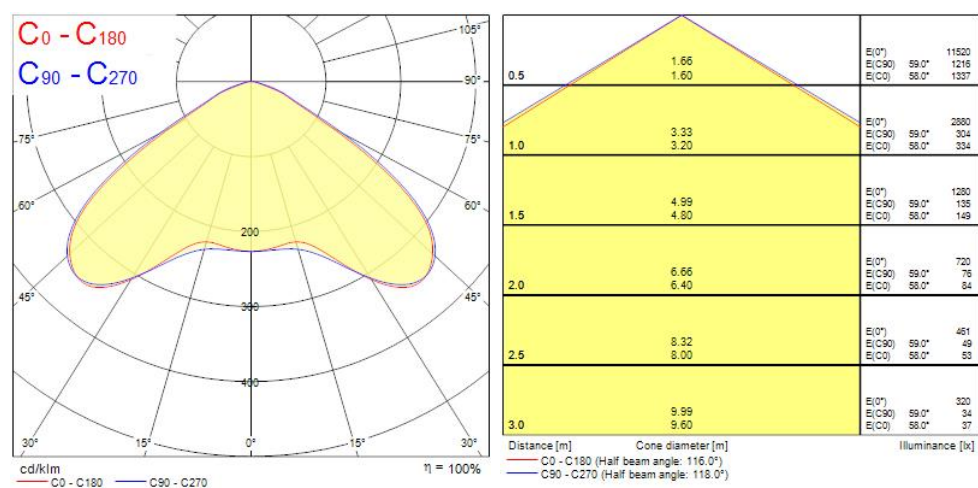
Product Overview

Product name	Sportsbay 1200mm 12800lm 840 SSA01N
Technology	LED
Cap/Base	N/A
Housing	Steel
Mount	Ceiling surface mounting
General application	Education, Logistics & Industry
ETIM Class	EC002892
Fixture luminous flux (lm)	12600
Luminaire efficacy (lm/W)	156
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Beam Angle (°)	117
Glare control	< 23
Photobiological Risk Group	RG1
Total power consumption (W)	81
Electrical protection	Class I
Control gear type	LED driver constant current
Dimmable	Yes
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL9016
IP rating	IP20

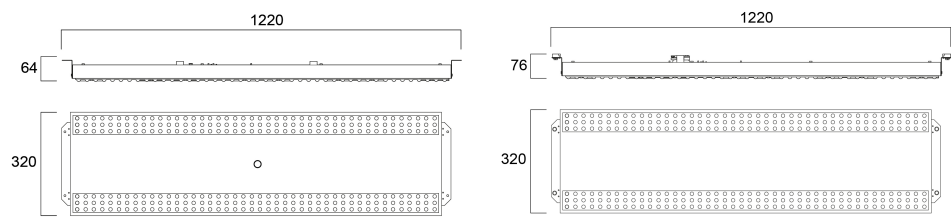
Sportsbay 1200mm 12800lm 840 SSA01N
0044066

IK rating	IK10
Product EAN number	5410288440668
Warranty	5 years
Dimming method	SylSmart SSA

Photometry



Technical drawings



Data table

GENERAL DATA

Product name	Sportsbay 1200mm 12800lm 840 SSA01N
Technology	LED

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Cap/Base	N/A
Housing	Steel
Mount	Ceiling surface mounting
General application	Education, Logistics & Industry
Operating temperature range (°C)	-20°C...+35°C
ETIM Class	EC002892
Warranty	5 years

OPTICAL DATA

Fixture luminous flux (lm)	12600
Luminaire efficacy (lm/W)	156
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Luminous Intensity (cd)	4480
Beam Angle (°)	117
Distribution type	Symmetric
Glare control	< 23
Photobiological Risk Group	RG1

ELECTRICAL DATA

Total power consumption (W)	81
Primary Supply/Product voltage - min (V)	198.0
Primary Supply/Product voltage - max (V)	264.0
Lamp power factor	0.95
THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x %	10
Electrical protection	Class I
Control gear required	No
Control gear type	LED driver constant current
Dimmable	Yes
Dimming method	SylSmart SSA
Drive current (mA)	300

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Inrush Current (A)	27
Inrush Duration (µs)	200
Glow Wire Test (°C)	850
Energy Efficiency Class (A->G) of contained light source	C
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. products per 10A C Breaker	10
Max. products per 13A C Breaker	14
Max. products per 16A C Breaker	18
Max. products per 20A C Breaker	22
Max. products per 10A B Breaker	6
Max. products per 13A B Breaker	8
Max. products per 16A B Breaker	11
Max. products per 20A B Breaker	13
Connectable conductor cross section - Max (mm²)	2.5

LIFETIME DATA

Lifespan L70 B50	100000
Lifespan L80 B50	81000
Lifespan L80 B20	76000

PHYSICAL DATA

Housing colour	RAL9016
IP rating	IP20
IK rating	IK10
IK rating of sensor	IK03
Diffuser finish	Other
Diffuser material	None
Nominal Product Length (mm)	1220
Nominal Product Width (mm)	320
Nominal Product Height (mm)	66
Weight (kg)	9.9



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PACKAGING

Single packaging type	Carton
Product EAN number	5410288440668
Packaging single length / height (cm)	154.8
Packaging single width (cm)	34.8
Packaging single depth (cm)	7.1
DUN14 (outer)	05410288440668
Units per outer package	1
Packaging outer length / height (cm)	154.0
Packaging outer width (cm)	7.2
Packaging outer depth (cm)	34.0

SAFETY DATA

Optimal operating condition (°C)	-20-35
Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	No