



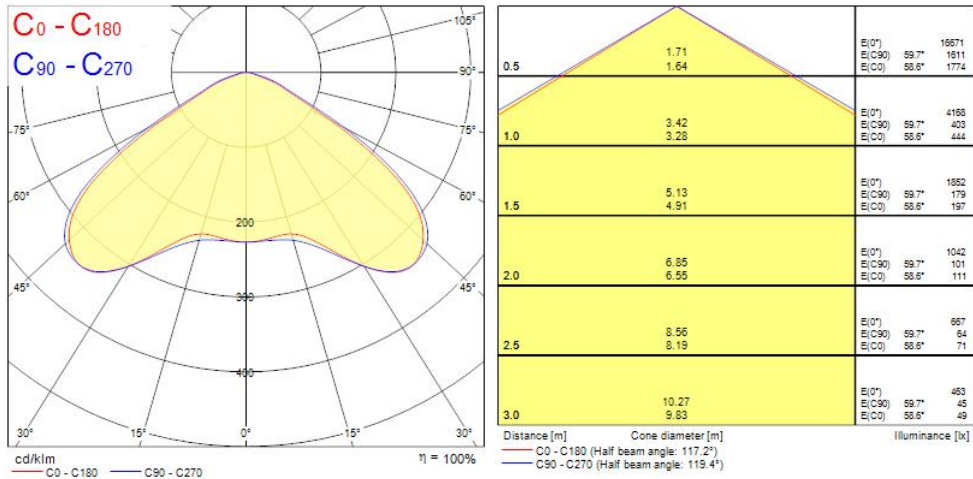
Features

- SportsBay luminaire developed for sports halls with 18400lumens, 118W, 156lm/W, 4000K, CRI 80, wide beam 117°optic, non dimmable, 3 step MacAdam ellipse, Class 1, 220-240V, IP20, IK10, lifespan 100Khrs L70B50, (LxWxH) 1500x320x66mm. Ball-impact-resistance according to VDE 0710-13.

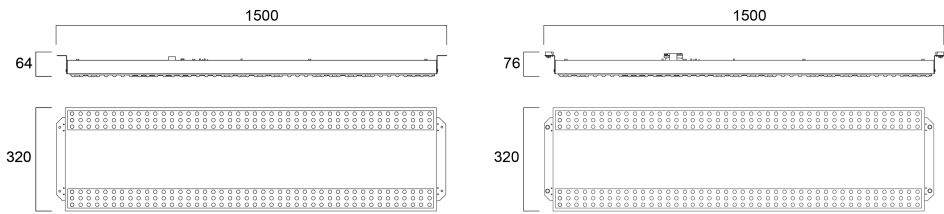
Product Overview

Product name	Sportsbay 1500mm 18400lm 840
Technology	LED
Cap/Base	N/A
Housing	Steel
Mount	Ceiling surface mounting
E-number FI	4279337
Fixture luminous flux (lm)	18400
Luminaire efficacy (lm/W)	156
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Glare control	< 24
Photobiological Risk Group	RG1
Total power consumption (W)	118
Electrical protection	Class I
Control gear type	LED driver constant current
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL9016
IP rating	IP20
IK rating	IK10
Product EAN number	5410288440590
Warranty	5 years

Photometry



Technical drawings



Data table

GENERAL DATA

Product name	Sportsbay 1500mm 18400lm 840
Technology	LED
Cap/Base	N/A
Housing	Steel
Mount	Ceiling surface mounting
Operating temperature range (°C)	-20°C...+35°C

Sportsbay 1500mm 18400lm 840 0044059

E-number FI	4279337
Warranty	5 years

OPTICAL DATA

Fixture luminous flux (lm)	18400
Luminaire efficacy (lm/W)	156
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Luminous Intensity (cd)	6280
Glare control	< 24
Photobiological Risk Group	RG1

ELECTRICAL DATA

Total power consumption (W)	118
Primary Supply/Product voltage - min (V)	198.0
Lamp power factor	0.96
Electrical protection	Class I
Control gear required	No
Control gear type	LED driver constant current
Drive current (mA)	350
Inrush Current (A)	38
Inrush Duration (µs)	220
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	6
Max. products per 20A B Breaker	9
Connectable conductor cross section - Max (mm²)	2.5

Sportsbay 1500mm 18400lm 840
0044059

LIFETIME DATA

Lifespan L70 B50	100000
Lifespan L70 B20	100000
Lifespan L70 B10	100000
Lifespan L80 B50	81000
Lifespan L80 B20	76000
Lifespan L80 B10	74000
Lifespan L90 B50	39000
Lifespan L90 B20	36500
Lifespan L90 B10	35000

PHYSICAL DATA

Housing colour	RAL9016
IP rating	IP20
IK rating	IK10
Diffuser finish	Other
Diffuser material	None
Nominal Product Length (mm)	1500
Nominal Product Width (mm)	320
Weight (kg)	11.8

PACKAGING

Single packaging type	Carton
Product EAN number	5410288440590
Packaging single width (cm)	34.1
Packaging single depth (cm)	7.3
DUN14 (outer)	05410288440590
Packaging outer length / height (cm)	154.0

SAFETY DATA

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



Sportsbay 1500mm 18400lm 840
0044059

Suitable for household illumination	No
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