Sportsbay 1500mm 18400lm 840 EM

Item No: 0044063

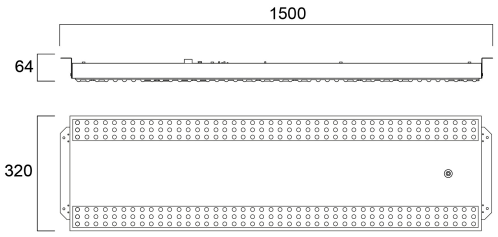
SYLVANIA

PRO

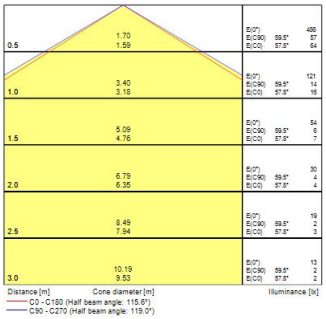
SportsBay luminaire developed for sports halls with 18400lumens, 122W, 151lm/W, 4000K, CRI 80, wide beam 117°optic, non dimmable, 3 step MacAdam ellipse, Class 1, 220-240V, IP20, IK10, lifespan 100Khrs L70B50, (LxWxH) 1500x320x66mm with 3-hour maintained emergency pack. Ball-impact-resistance according to VDE 0710-13.

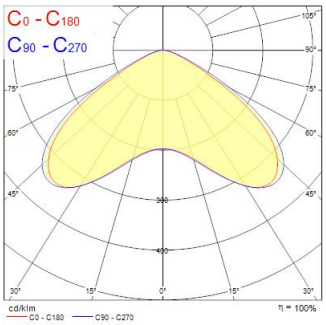
Technical Assets

Dimensions (mm)



Photometrics





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General data

Product name	Sportsbay 1500mm 18400lm 840 EM
Technology	LED
Cap/Base	N/A
Housing	Steel
Mount	Ceiling surface mounting
Built in presence detector	NONE
General application	Logistics & Industry, Education
Operating temperature range (°C)	5°C...+35°C
Virtual assistant compatibility	N/A
ETIM Class	EC002892
E-number FI	4279345
Warranty	5 years

Optical data

Fixture luminous flux (lm)	18400
Luminaire efficacy (lm/W)	151
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Luminous Intensity (cd)	6280
Beam Angle (°)	117
Distribution type	Symmetric
Glare control	< 24
Photobiological Risk Group	RG1
Luminous flux (emergency) (lm)	620

Electrical data

Emergency type	
Emergency duration (h)	3
Total power consumption (W)	122
Primary Supply/Product voltage - min (V)	198.0
Primary Supply/Product voltage - max (V)	264.0
Lamp power factor	0.96
THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x %	15
Electrical protection	Class I
Control gear required	No
Control gear type	LED driver constant current
Dimmable	No
Dimming method	N/A
Drive current (mA)	350
Inrush Current (A)	38
Inrush Duration (µs)	220
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 13A C Breaker	9
Max. products per 16A C Breaker	11
Max. products per 20A C Breaker	24
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	14
Connectable conductor cross section - Min (mm^2)	1.5
Connectable conductor cross section - Max (mm^2)	2.5

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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	RAL 9016 - Traffic white / Bezel
IP rating	IP20
IK rating	IK10
Diffuser finish	Other
Diffuser material	None
Nominal Product Length (mm)	1500
Nominal Product Width (mm)	320
Nominal Product Height (mm)	66
Weight (kg)	12.8

Packaging

Product EAN number	5410288440637
Packaging single length / height (cm)	154.5
Packaging single width (cm)	34.5
Packaging single depth (cm)	7.7
DUN14 (inner)	05410288440637
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

Glow Wire Test (°C)	850
Optimal operating condition (°C)	5-35