Sportsbay 1500mm 18400lm 840 EM
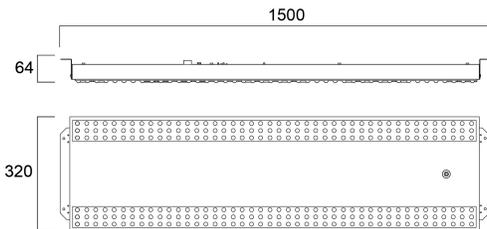
Code article 0044063

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.
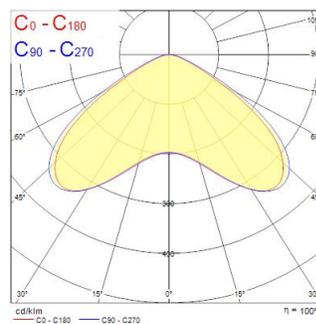
Atouts techniques

Dimensions (mm)

1500
64
320

Photométrie

Distance [m]	Cone diameter [m]		Illuminance [lx]
0.5	1.70 / 1.59	E(0°) / E(C90) 59.5° / E(C0) 57.8°	498 / 57 / 64
1.0	3.40 / 3.18	E(0°) / E(C90) 59.5° / E(C0) 57.8°	121 / 14 / 16
1.5	5.09 / 4.76	E(0°) / E(C90) 59.5° / E(C0) 57.8°	54 / 6 / 7
2.0	6.79 / 6.35	E(0°) / E(C90) 59.5° / E(C0) 57.8°	30 / 4 / 4
2.5	8.49 / 7.94	E(0°) / E(C90) 59.5° / E(C0) 57.8°	19 / 3 / 3
3.0	10.19 / 9.53	E(0°) / E(C90) 59.5° / E(C0) 57.8°	13 / 2 / 2

C0 - C180 (Half beam angle: 115.6°)
C90 - C270 (Half beam angle: 119.0°)

C0 - C180
C90 - C270

cd/klm
η = 100%
C0 - C180   C90 - C270

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Données générales

Nom du produit	Sportsbay 1500mm 18400lm 840 EM
Technologie	LED
Cap/Base	N/A
Housing	Steel
Montage	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
Numéro virtuel FI	4279345
Warranty	5 ans

Données optiques

Fixture luminous flux (lm)	18400
Luminaire efficacy (lm/W)	151
Température de couleur (K)	4000
Couleur de lumière	Neutral White
IRC (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
Emergency duration (h)	3

Caractéristiques électriques

Consommation électrique totale (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
Type d'appareillage	LED driver constant current
Dimmable	No
Dimming method	N/A
Drive current (mA)	350
Courant d'appel (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 (mm²)	1.5
Connectable conductor cross section - Max (mm²)	2.5

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Durée de vie

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

Données physiques

Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP20
IK rating	IK10
Diffuser finish	Other
Diffuser material	None
Longueur (mm)	1500
Largeur (mm)	320
Nominal Product Height (mm)	66
Poids (kg)	12.8

Emballage

Product EAN number	5410288440637
Longueur simple de l'emballage (cm)	154.5
Largeur simple de l'emballage (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

Sécurité

Glow Wire Test (°C)	850
Condition de fonctionnement optimal (° C)	5-35