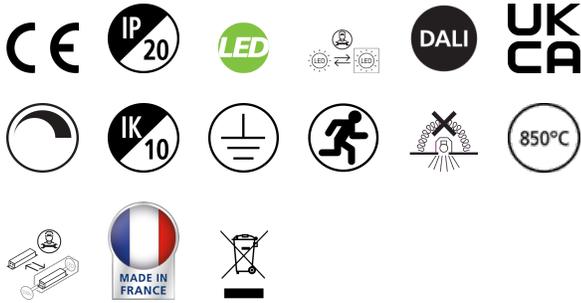# Sportsbay 1500mm Dali 18400lm 840 EM

Code article 0044065

SYLVANIA
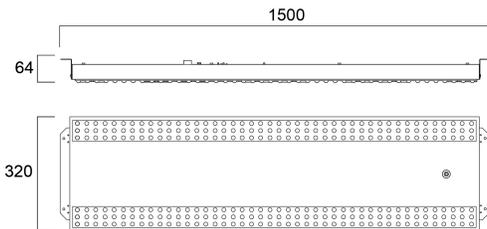
PRO™

SportsBay luminaire developed for sports halls with 18400lumens, 122W, 151lm/W, 4000K, CRI 80, wide beam 117°optic, DALI-2 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.
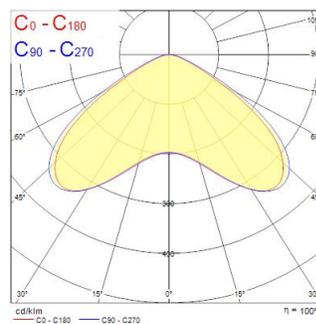
Atouts techniques

Dimensions (mm)

Photométrie

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

Sportsbay 1500mm Dali 18400lm 840 EM

SYLVANIA

Données générales

Nom du produit	Sportsbay 1500mm Dali 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	4279349
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	0.99
THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x %	9
Electrical protection	Class I
Control gear required	No
Type d'appareillage	LED driver constant current
Dimmable	Yes
Dimming method	DALI-2
Drive current (mA)	350
Courant d'appel (A)	23
Inrush Duration (µs)	174
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	17
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	10
Max. products per 20A B Breaker	13
Connectable conductor cross section - Min (mm²)	1.5
Connectable conductor cross section - Max (mm²)	2.5

Sportsbay 1500mm Dali 18400lm 840 EM

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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

Emballage

Product EAN number	5410288440651
Longueur simple de l'emballage (cm)	154.7
Largeur simple de l'emballage (cm)	34.7
Packaging single depth (cm)	7.9
DUN14 (inner)	05410288440651
Units per outer package	1
Packaging outer length / height (cm)	154.0
Packaging outer width (cm)	7.2
Packaging outer depth (cm)	34.0

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

Sécurité

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