



Features

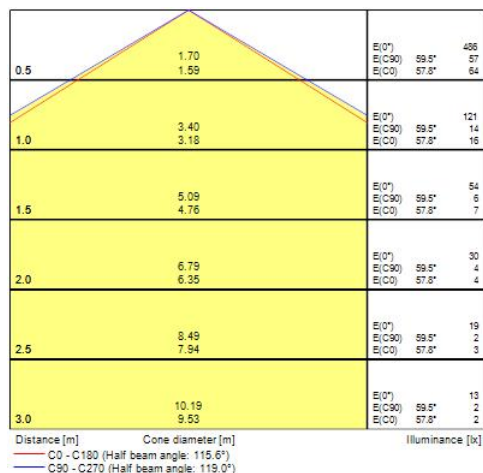
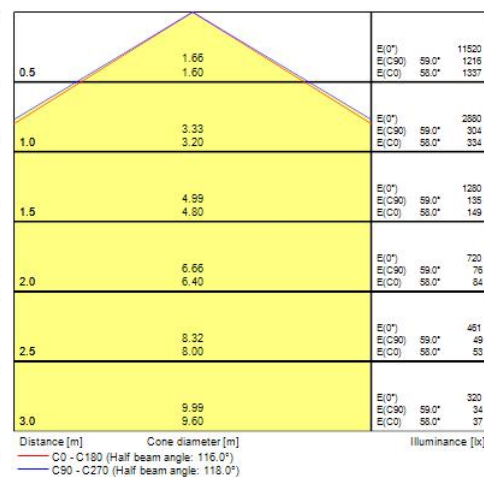
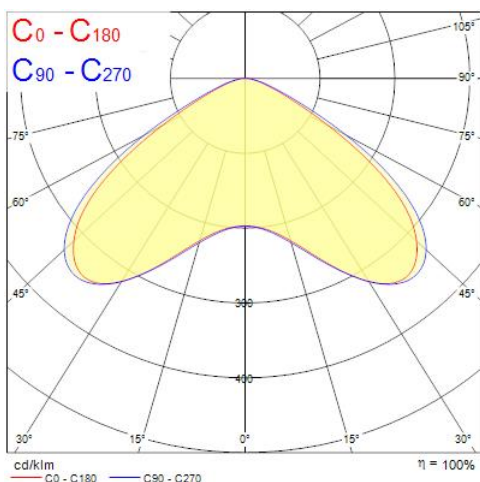
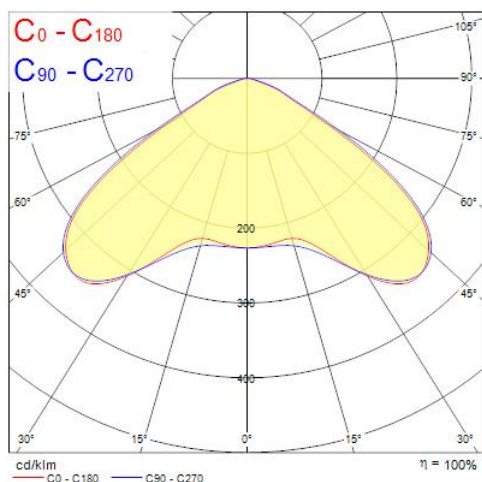
- SportsBay luminaire developed for sports halls with 12800lumens, 85W, 156lm/W, 4000K, CRI 80, wide beam 117°optic, DALI-2, 3 step MacAdam ellipse, Class 1, 220-240V, IP20, IK10, lifespan 100Khrs L70B50, (LxWxH) 1220x320x66mm with 3-hour maintained emergency pack. Ball-impact-resistance according to VDE 0710-13.

Product Overview

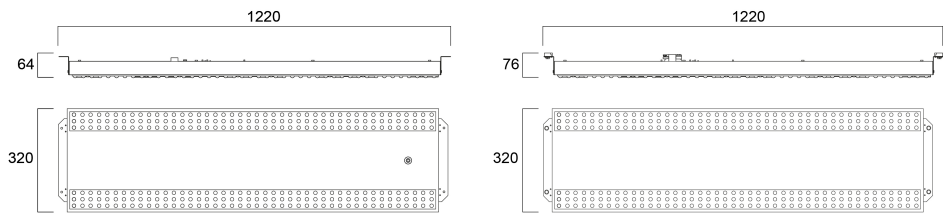
Product name	Sportsbay 1200mm 12800lm 840 EM
Technology	LED
Cap/Base	N/A
Housing	Steel
Mount	Ceiling surface mounting
E-number FI	4279343
Fixture luminous flux (lm)	12600
Luminaire efficacy (lm/W)	151
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Glare control	< 23
Photobiological Risk Group	RG1
Luminous flux (emergency) (lm)	620
Total power consumption (W)	85
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	5410288440620
Warranty	5 years

Photometry



Technical drawings



Data table

GENERAL DATA

Product name	Sportsbay 1200mm 12800lm 840 EM
Technology	LED
Cap/Base	N/A
Housing	Steel
Mount	Ceiling surface mounting
Operating temperature range (°C)	5°C...+35°C
E-number FI	4279343
Warranty	5 years

OPTICAL DATA

Fixture luminous flux (lm)	12600
Luminaire efficacy (lm/W)	151
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Luminous Intensity (cd)	4480
Glare control	< 23
Photobiological Risk Group	RG1
Luminous flux (emergency) (lm)	620
Emergency duration (h)	3

ELECTRICAL DATA

Total power consumption (W)	85
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)	300
Inrush Current (A)	28
Inrush Duration (µs)	150
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	11
Max. products per 20A B Breaker	14
Connectable conductor cross section - Max (mm²)	2.5

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
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Sportsbay 1200mm 12800lm 840 EM
0044062

IP rating	IP20
IK rating	IK10
Diffuser finish	Other
Diffuser material	None
Nominal Product Length (mm)	1220
Nominal Product Width (mm)	320
Weight (kg)	10.8

PACKAGING

Single packaging type	Carton
Product EAN number	5410288440620
Packaging single width (cm)	34.4
Packaging single depth (cm)	7.6
DUN14 (outer)	05410288440620
Packaging outer length / height (cm)	154.0

SAFETY DATA

Optimal operating condition (°C)	5-35
Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	No