

SylSplash

SylSplash 700 IP65 1600lm 840

0045965

Product features

- SylSplash is a LED integrated polycarbonate housing luminaire with easy to access electrical terminal through bayonet lock end caps and tool-free electrical connection due to push-in terminal. Flexible installation as mounting brackets can be positioned freely on the luminaire. 18W; 1600lm; Efficiency with 89lm/W and 30,000 lifetime. SDCM 5; IP65; IK04; Class II; 720mm x 53mm x 35mm



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PRODUCT OVERVIEW

Product name	SylSplash 700 IP65 1600lm 840
Technology	LED
Cap/Base	N/A
Housing	PC Polycarbonate
General application	Logistics & Industry
ETIM Class	EC002892
E-number FI	4278192
Warranty	3 years
Fixture luminous flux (lm)	1600
Luminaire efficacy (lm/W)	94
Colour temperature (K)	4000
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM5
Beam Angle (°)	125
Photobiological Risk Group	RG0
Total power consumption (W)	18
Electrical protection	Class II
Control gear type	LED driver constant current
Dimmable	No
Housing colour	White
IP rating	IP65
IK rating	IK04
Product EAN number	5410288459653
Light source included	SAX0000A_0000

DATA TABLE

General data

Product name	SylSplash 700 IP65 1600lm 840
Technology	LED
Cap/Base	N/A

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Housing	PC Polycarbonate
General application	Logistics & Industry
Operating temperature range (°C)	-20°C - 40°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC002892
E-number FI	4278192
Warranty	3 years

Optical data

Fixture luminous flux (lm)	1600
Luminaire efficacy (lm/W)	94
Colour temperature (K)	4000
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM5
Beam Angle (°)	125
Distribution type	Diffuse
Photobiological Risk Group	RG0

Electrical data

Total power consumption (W)	18
Mains voltage (V)	220-240V~
Lamp power factor	0.5
Electrical protection	Class II
Control gear type	LED driver constant current
Dimmable	No
Drive current (mA)	210
Drive current - Range (mA)	130mA / 160mA
Inrush Current (A)	8
Inrush Duration (µs)	300
Glow Wire Test (°C)	650
Nominal Frequency (Hz)	50/60Hz
Max. Luminaires per 10A B Breaker	20
Max. Luminaires per 13A B Breaker	25
Max. Luminaires per 16A B Breaker	30
Max. Luminaires per 20A B Breaker	40

Lifetime data

Lifespan L70 B50	30000
Lifespan L70 B20	30000
Lifespan L70 B10	30000
Lifespan L80 B50	30000
Lifespan L80 B20	30000
Lifespan L80 B10	27000
Lifespan L90 B50	22000
Lifespan L90 B20	17000
Lifespan L90 B10	15000

Physical data

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Housing colour	White
IP rating	IP65
IK rating	IK04
Diffuser finish	Opal
Diffuser material	PC Polycarbonate
Nominal Product Length (mm)	720
Nominal Product Width (mm)	53
Nominal Product Height (mm)	35
Weight (kg)	0.2

Packaging

Single packaging type	Mix blister(20% carton, 80% pl)
Product EAN number	5410288459653
Packaging single length / height (cm)	72.3
Packaging single width (cm)	3.7
Packaging single depth (cm)	5.5
DUN14 (outer)	15410288459650
Units per outer package	20
Packaging outer length / height (cm)	75.2
Packaging outer width (cm)	24.5
Packaging outer depth (cm)	21.5

Safety data

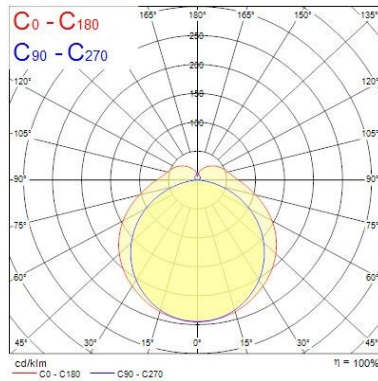
Optimal operating condition (°C)	-20-40
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PHOTOMETRY

Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)	Illuminance [lx]
0.5	1.47 2.62	1556	85.5° 129	89.1° 35	
1.0	2.94 5.24	389	85.5° 35	89.1° 9	
1.5	4.41 7.86	173	85.5° 15	89.1° 4	
2.0	5.89 10.47	91	85.5° 9	89.1° 2	
2.5	7.36 13.09	62	85.5° 6	89.1° 1	
3.0	8.83 15.71	43	85.5° 4	89.1° 1	

Distance [m] Cone diameter [m] Illuminance [lx]

— C0 - C180 (Half beam angle: 138.2°)
— C90 - C270 (Half beam angle: 111.6°)



TECHNICAL DRAWINGS

