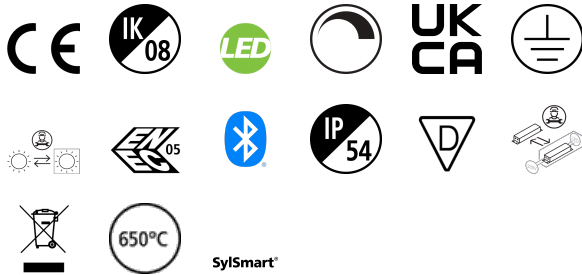


GRANIT IP54 26400LM 840 WB SSA

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SYLVANIA

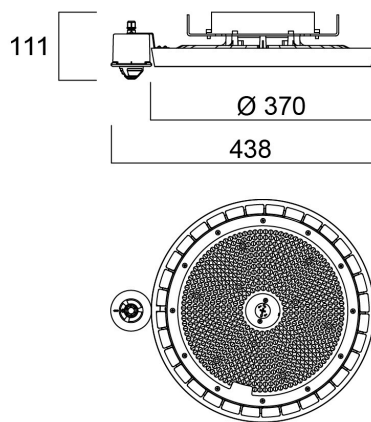
PROTM



Integrated LED highbay; Black aluminium housing; 26400 Lm; 165 W; 160 Lm/W; 4000K; Drive current: 3200mA; CRI 80; 85° beam angle; Sylsmart SSA - Connected; IP54; Lifespan L80:B20 92,000 hrs; suspension wires included. Lampshades cannot be used for Granit SSA luminaires, as it disturbs the signal for the sensor.

Technical Assets

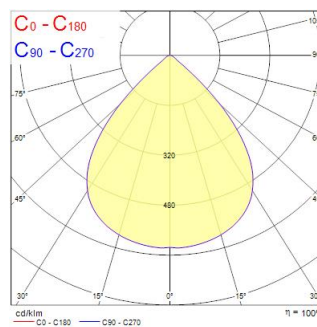
Dimensions (mm)



Photometrics

Distance [m]	Cone diameter [m]	E(0°) [lx]	E(C0) [lx]	E(85.2°) [lx]
0.5	0.92	6480	6480	1907
1.0	1.84	1620	1620	526
1.5	2.76	720	720	246
2.0	3.68	400	400	134
2.5	4.60	256	256	87
3.0	5.52	160	160	55

Distance [m] Cone diameter [m] Illuminance [lx]
 C0 - C180 (Half beam angle: 85.2°)



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General data

Product name	GRANIT IP54 26400LM 840 WB SSA
Technology	LED
Cap/Base	N/A
General application	Logistics & Industry
Operating temperature range (°C)	-20°C...+40°C
ETIM Class	EC001716
E-number FI	4357113
Warranty	5 years

Optical data

Fixture luminous flux (lm)	26400
Luminaire efficacy (lm/W)	160
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	85
Distribution type	Symmetric
Glare control	< 25
Photobiological Risk Group	RG1

Electrical data

Total power consumption (W)	165
Primary Supply/Product voltage - min (V)	220.0
Primary Supply/Product voltage - max (V)	240.0
Lamp power factor	0.90
THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x %	10
Electrical protection	Class I
No. Of switching cycles before premature failures	>100000
Dimmable	Yes
Dimming method	SylSmart Connected (SSA)
Drive current (mA)	3200
Inrush Current (A)	103
Inrush Duration (µs)	264
Energy Efficiency Class (A->G) of contained light source	C
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Low (6% - 20%)
Max. products per 10A C Breaker	5
Max. products per 13A C Breaker	6
Max. products per 16A C Breaker	8
Max. products per 20A C Breaker	10
Max. products per 10A B Breaker	3
Max. products per 13A B Breaker	4
Max. products per 16A B Breaker	5
Max. products per 20A B Breaker	6
Mains surge immunity (differential mode -> L-N) (kV)	6
Mains surge immunity (common mode -> L/N - GND) (kV)	10

Lifetime data

Lifespan L70 B50	120000
Lifespan L80 B20	92000
Lifespan L90 B50	51000

GRANIT IP54 26400LM 840 WB SSA

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Physical data

Housing colour	RAL 9017 - Traffic black
IP rating	IP54
IK rating	IK08
IK rating of sensor	IK03
Nominal Product Height (mm)	163
Nominal Product Diameter (mm)	370
Weight (kg)	3.407

Packaging

Product EAN number	5410288397719
Packaging single length / height (cm)	40.0
Packaging single width (cm)	40.0
Packaging single depth (cm)	13.0
DUN14 (inner)	05410288397719
Units per outer package	1
Packaging outer length / height (cm)	40.0
Packaging outer width (cm)	40.0
Packaging outer depth (cm)	13.0

Safety data

Glow Wire Test (°C)	650
Optimal operating condition (°C)	-20-40