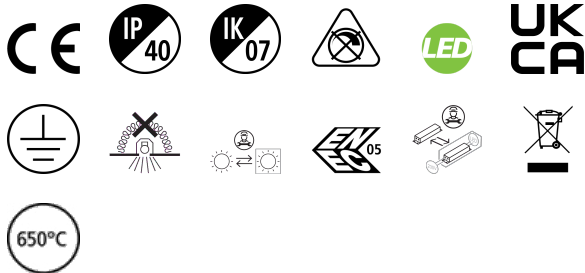


GRADEO S 1500 830/835/840

Artikelnummer 0042742

SYLVANIA

PROTM



GRADEO S 1500 830/835/840 is a modular high efficacy low glare surface and suspended LED Linear luminaire developed for education and seminar room environments. Optical solution: Micro Prismatic diffuser combined with lenses to provide homogeneous and high efficient light. Minimalist, robust body design, luminaire dimensions: 1580x205x53mm, white powder coated steel body (RAL9016) and plastic end caps. IP40, IK06 rating. 3-steps dip switch driver (250/300/350mA drive current) with integrated CCT switch options (3000/3500/4000K). CRI>80, SDCM 3 (3-step MacAdam ellipse) LED Colour Consistency. 23-32W system power, 3100-4600lm luminous flux, up to 144lm/W system efficacy with 4000K CCT option in case of direct distribution, UGR<19 glare level. 3300-4900lm luminous flux, up to 152lm/W system efficacy with 4000K CCT option in case of direct/indirect light distribution with Gradeo indirect modules, 80/20% D/I ratio. Luminance at 65° < 3000 cd/m2, lifespan: 100,000 hours L80B50, photobiological safety risk group 1. Electrical protection Class I.

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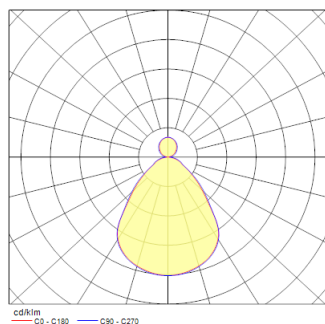
Technische Werte

Photometrie

0.5	0.92 0.90	50° E(C90) 42.8° E(C0) 41.9°	7903 1553 1924
1.0	1.84 1.79	50° E(C90) 42.8° E(C0) 41.9°	1976 366 459
1.5	2.76 2.69	50° E(C90) 42.8° E(C0) 41.9°	678 176 152
2.0	3.68 3.59	50° E(C90) 42.8° E(C0) 41.9°	404 99 102
2.5	4.60 4.45	50° E(C90) 42.8° E(C0) 41.9°	316 83 85
3.0	5.52 5.35	50° E(C90) 42.8° E(C0) 41.9°	220 64 65

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

— C0 - C180 (half beam angle: 82.8°)
— C90 - C270 (half beam angle: 85.2°)



Allgemeine Daten

Produktname	GRADEO S 1500 830/835/840
Technologie	LED
Sockel	N/A
Gehäuse	Steel
Montage	Ceiling surface mounting, Suspended
Built in presence detector	NONE
Allgemeine Anwendungsbereiche	Education, Office
Umgebungstemperaturbereich	5°C...+45°C
Virtual assistant compatibility	N/A
ETIM Klasse	EC002892
E-Nummer FI	4279685
Garantie	5 Jahre

Optische Daten

Leuchtenlichtstrom (lm)	4600
Systemeffizienz (lm/W)	144
Lichtfarbe	Warm White or Neutral White
Farbwiedergabeindex (Ra)	80
Farbkonsistenz (SDCM)	SDCM3
Ausstrahlungswinkel (°)	85
Distributionstyp	Symmetric
Blendungsbegrenzung	< 19
Photobiological Risk Group	RG1

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Elektrische Daten

Leistungsaufnahme gesamt (W)	32
Primary Supply/Product voltage - min (V)	220.0
Primary Supply/Product voltage - max (V)	240.0
Leistungsfaktor der Lampe	0.91
THD (bei 230V, 50Hz, bei 100% Dimm-Level)	15
Elektrische Schutzklasse	Class I
Betriebsgerätetyp	LED driver constant current
Dimmbar	No
Dimming method	N/A
Einschaltstrom (A)	32
Dauer Einschaltstrom (µs)	190
Energy Efficiency Class (A->G) of contained light source	C
Nennfrequenz (Hz)	50/60Hz
Max. Anzahl Leuchten pro 10A C Sicherung	21
Max. Anzahl Leuchten pro 16A C Sicherung	35
Max. Anzahl Leuchten pro 16A B Sicherung	21
Connectable conductor cross section - Max (mm²)	2.5

Lifetime data

Lebensdauer - L70B50	100000
Lebensdauer - L80B50	100000
Lebensdauer - L90B50	51000

Physikalische Daten

Gehäusefarbe	RAL 9016 - Traffic white / Bezel
IP Schutzart	IP40
IK Schutzart	IK07
Diffusor	Prismatic
Diffusormaterial	PC Polycarbonate
Länge (mm)	1580
Breite (mm)	205
Nominale Produkthöhe (mm)	53
Gewicht (kg)	5.882

Packaging

EAN Code	5410288427423
Einzelverpackung Länge (cm)	161.0
Einzelverpackung Breite (cm)	8.5
Einzelverpackung Tiefe (cm)	23.5
DUN 14 (außen)	05410288427423
Anzahl an Einheiten je Außenverpackung	1
Außenverpackung Länge (cm)	161.0
Außenverpackung Breite (cm)	8.5
Außenverpackung Tiefe (cm)	23.5

Safety data

Glühdrahttest (°C)	650
Optimale Betriebstemperatur (°C)	5-45