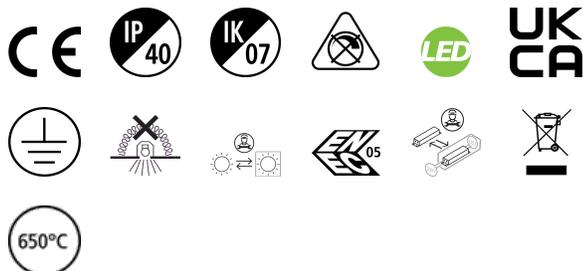


# GRADEO S 1500 830/835/840

Code article 0042742

**SYLVANIA**

**PRO**<sup>TM</sup>



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/m<sup>2</sup>, lifespan: 100,000 hours L80B50, photobiological safety risk group 1. Electrical protection Class I.

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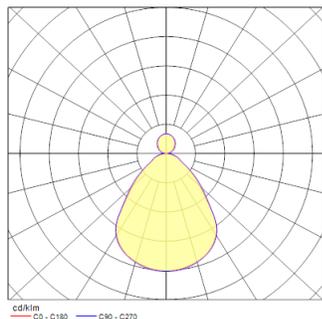
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## Atouts techniques

### Photométrie

Distance [m]	Cone diameter [m]	Illuminance [lx]
0.5	0.92 0.90	5171 E(C90) 42° E(C90) 41° 1923 1924
1.0	1.84 1.79	1270 E(C90) 42° E(C90) 41° 481 479
1.5	2.76 2.69	539 E(C90) 42° E(C90) 41° 175 172
2.0	3.68 3.59	264 E(C90) 42° E(C90) 41° 90 87
2.5	4.60 4.49	118 E(C90) 42° E(C90) 41° 35 34
3.0	5.52 5.39	52 E(C90) 42° E(C90) 41° 14 13

Distance [m] Cone diameter [m] Illuminance [lx]  
— C0 - C180 (Half beam angle: 90.0°)  
— C90 - C270 (Half beam angle: 90.0°)



### Données générales

Nom du produit	GRADEO S 1500 830/835/840
Technologie	LED
Cap/Base	N/A
Housing	Steel
Montage	Ceiling surface mounting, Suspended
Built in presence detector	NONE
General application	Education, Office
Operating temperature range (°C)	5°C...+45°C
Virtual assistant compatibility	N/A
ETIM Class	EC002892
Numéro virtuel FI	4279685
Warranty	5 ans

### Données optiques

Fixture luminous flux (lm)	4600
Luminaire efficacy (lm/W)	144
Couleur de lumière	Warm White or Neutral White
IRC (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	85
Distribution type	Symmetric
Glare control	< 19
Photobiological Risk Group	RG1

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## Caractéristiques électriques

Consommation électrique totale (W)	32
Primary Supply/Product voltage - min (V)	220.0
Primary Supply/Product voltage - max (V)	240.0
Lamp power factor	0.91
THD (at 230 V, 50 Hz, full load, at 100% dimming level) $\leq$ xx.x %	15
Electrical protection	Class I
Type d'appareillage	LED driver constant current
Dimmable	No
Dimming method	N/A
Courant d'appel (A)	32
Inrush Duration ( $\mu$ s)	190
Energy Efficiency Class (A->G) of contained light source	C
Nominal Frequency (Hz)	50/60Hz
Max. products per 10A C Breaker	21
Max. products per 16A C Breaker	35
Max. products per 16A B Breaker	21
Connectable conductor cross section - Max (mm <sup>2</sup> )	2.5

## Durée de vie

Lifespan L70 B50	100000
Lifespan L80 B50	100000
Lifespan L90 B50	51000

## Données physiques

Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP40
IK rating	IK07
Diffuser finish	Prismatic
Diffuser material	PC Polycarbonate
Longueur (mm)	1580
Largeur (mm)	205
Nominal Product Height (mm)	53
Poids (kg)	5.882

## Emballage

Product EAN number	5410288427423
Longueur simple de l'emballage (cm)	161.0
Largeur simple de l'emballage (cm)	8.5
Packaging single depth (cm)	23.5
DUN14 (inner)	05410288427423
Units per outer package	1
Packaging outer length / height (cm)	161.0
Packaging outer width (cm)	8.5
Packaging outer depth (cm)	23.5

## Sécurité

Glow Wire Test (°C)	650
Condition de fonctionnement optimal (°C)	5-45