



From elementary to graduate, the perfect school lighting tool

Gradeo

Gradeo is the Sylvania's new modular surface and suspended luminaire range designed for education premises and offices.

The unique multi layers optical solution provides wide beam angle, high efficacy, homogeneous and glare free illumination.

Depending on the application this highly adaptable solution can be mounted either surface mounted or suspended.

The integrated multilevel power choice and the 3000K, 3500K and 4000K CCT options can provide the maximum flexibility to the end user.

The magnetic direct/indirect modules and quick and easy connectable sensors and emergency kits are creating versatile choice for any design need.

With its high efficacy of up to 144lm/W, impressive lifespan over 100,000 hours at L80B50 and reliable performance certified by ENEC, the Gradeo is the perfect choice for illumination of classrooms and any other indoor place where efficient and homogeneous light required.



Features

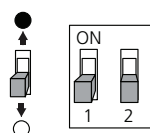
Modular, customizable, highly efficient surface/suspended mounted linear luminaire range for education and office applications.

- CRI >80 4000/3500/3000K multi CCT light sources with switch button on the driver
- Standard luminaires with multipower replaceable dip switch (3-steps) non-dimmable and DALI-2 drivers
- 1280x205x53mm & 1580x205x53mm luminaire dimensions
- Default luminous flux levels: 2500-3900 and 3100-4600lm without indirect modules
- Up to 148lm/W efficacy @ 4000K CCT in case of direct light distribution and up to 153lm/W efficacy @ 4000K CCT after installation of 2 indirect modules
- Micro Prismatic diffuser combined with lenses and UGR film to provide homogeneous, highly efficient and glare free light
- Low glare ratio conforming to EN 12464-1, UGR < 19 on all versions
- Plug and play accessories to change light distribution or control options
 - Indirect light modules with 80/20% D/I light distribution ratio
 - Self-test EM non-dimmable module with 3 hours LiFePO4 battery compatible with both non-dim and DALI luminaires
 - SylSmart® Connected SSA03 kit compatible with DALI-2 luminaires
 - MW sensor kit with daylight function compatible with non-dim luminaires
- The luminaire can be mounted on ceiling surface as standard
- BESA box connection possibility standard on product
- Additional mounting accessories:
 - surface brackets to be ordered separately
 - suspension kit to be ordered separately
- White (RAL9003) product finishing
- IP44 ingress protection and IK07 impact as standard without indirect modules or control accessory kits
- Class I electrical protection
- Lifespan: 100.000 hrs (L80B50)

Product information

Code	Description	Light distribution	Fixture Power [W]	Luminous flux [lm]	Efficacy [lm/W]	Colour Temperature [K]	Cri (Ra)	Dimmable	Control type	UGR
Gradeo										
Gradeo 1200mm										
0042740	GRADEO S 1200 830/835/840	Direct	19-27	2500-3900	144	3000 / 3500 / 4000	>80	-	-	<19
0042741	GRADEO S 1200 830/835/840 DALI		27	3600-3900	144		>80	Yes	DALI	<19
0042740 + 0042748	GRADEO S 1200 830/835/840 D/I	Direct / Indirect	19-27	2600-4000	148	3000 / 3500 / 4000	>80	-	-	<19
0042741 + 0042748	GRADEO S 1200 830/835/840 DALI D/I		27	3800-4000	148		>80	Yes	DALI	<19
Gradeo 1500mm										
0042742	GRADEO S 1500 830/835/840	Direct	23-32	3100-4600	144	3000 / 3500 / 4000	>80	-	-	<19
0042743	GRADEO S 1500 830/835/840 DALI		32	4300-4600	144		>80	Yes	DALI	<19
0042742 + 0042748	GRADEO S 1500 830/835/840 D/I	Direct / Indirect	23-32	3300-4900	152	3000 / 3500 / 4000	>80	-	-	<19
0042743 + 0042748	GRADEO S 1500 830/835/840 DALI D/I		32	4600-4900	152		>80	Yes	DALI	<19

Dip Switch Function



ONLY direct distribution

		Luminous flux (lm)				Efficacy (lm/W)		
1	2	System Power [W]	3000K	3500K	4000K	3000K	3500K	4000K
1200mm non-dim								
●	○	27.0	3,600	3,900	3,900	133	144	144
○	●	23.0	3,100	3,300	3,300	135	143	143
○	○	19.0	2,500	2,700	2,700	132	142	142
1500mm non-dim								
●	●	32.0	4,300	4,600	4,600	134	144	144
●	○	27.0	3,700	4,000	4,000	137	148	148
○	●	23.0	3,100	3,400	3,400	135	148	148

Direct/Indirect distribution*

1200mm non-dim								
●	○	27.0	3,800	4,000	4,000	141	148	148
○	●	23.0	3,200	3,400	3,400	139	148	148
○	○	19.0	2,600	2,750	2,750	137	145	145
1500mm non-dim								
●	●	32.0	4,600	4,900	4,900	144	153	153
●	○	27.0	3,900	4,100	4,100	144	152	152
○	●	23.0	3,300	3,500	3,500	143	152	152

*A pair of 0042748 GRADEO INDIRECT MODULE connected to the luminaire

Accessories

Code	Description	Content
0042744	GRADEO ST EM KIT	2.5W Self-Test emergency module with LiFePO4 battery (no Self-Test button), designed for Gradeo 1200/1500 non-dimmable and DALI luminaires, incl quick connectors
0042745	GRADEO ST EMPRO KIT	2.5W Self-Test emergency module with DALI functions and LiFePO4 battery (no Self-Test button), designed for Gradeo 1200/1500 DALI luminaires, incl quick connectors
0042746	GRADEO MW KIT	MW sensor kit with daylight function, designed for Gradeo 1200/1500 non-dimmable luminaires, incl quick connectors
0042747	GRADEO SSA03 KIT	SSA03 sensor kit (incl DALI PS), designed for Gradeo 1200/1500 DALI luminaires, incl quick connectors
0042748	GRADEO INDIRECT MODULE	2pcs of indirect module for Gradeo 1200/1500 luminaires, IP20 rating, 3 CCT options: 3000/3500/4000K, CRI80
0042749	GRADEO SURFACE KIT	2pcs of surface brackets, designed for Gradeo luminaires
0042750	GRADEO SUSPENSION KIT	2pcs of suspension cables, designed for Gradeo luminaires

Accessory Compatibility

Code	Description	0042744	0042745	0042746	0042747	0042748
		GRADEO ST EM KIT	GRADEO ST EMPRO KIT	GRADEO MW KIT	GRADEO SSA03 KIT	GRADEO INDIRECT MODULE
0042740	GRADEO S 1200 830/835/840	✓		✓		✓
0042741	GRADEO S 1200 830/835/840 DALI	✓	✓		✓	✓
0042742	GRADEO S 1500 830/835/840	✓		✓		✓
0042743	GRADEO S 1500 830/835/840 DALI	✓	✓		✓	✓

Additional Images



0042749



0042750



0042747



0042744

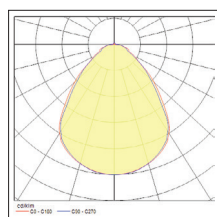


0042746

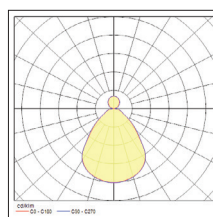
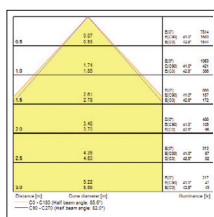


0042748

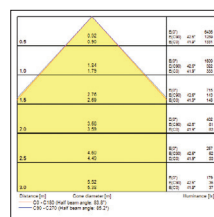
Photometric data



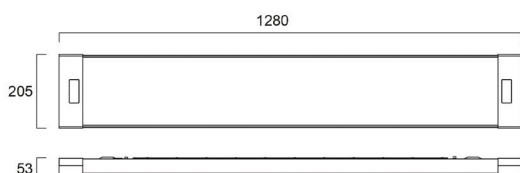
Direct



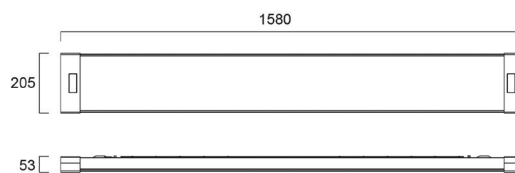
Direct/Indirect



Dimension (mm)



Gradeo 1200



Gradeo 1500



Although every effort has been made to ensure accuracy in the compilation of the technical detail within this publication, specifications and performance data are constantly changing. Current details should therefore be checked with Feilo Sylvania International Group Kft.

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