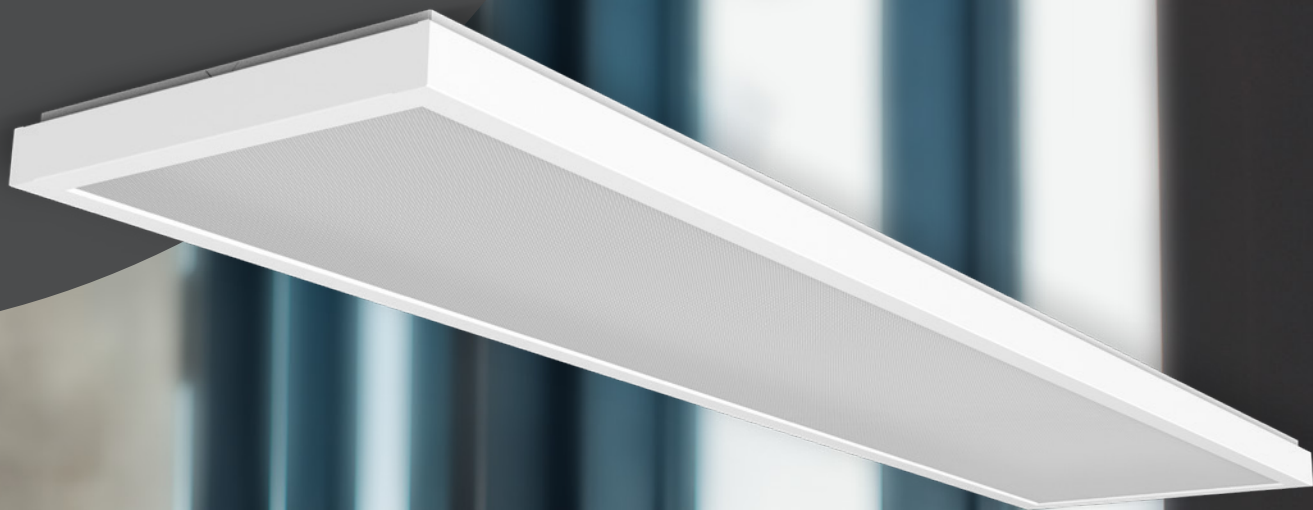


alevo

Light for educational institutions
and offices



REGIOLUX

alevo

Light for educational institutions
and offices



A productive learning and working environment is achieved by the optimum lighting for the respective use. The functional areas are illuminated in a lively and inviting way. What's more, the spatial and learning quality can profit from the use of Human Centric Lighting. This enhances vitality whilst promoting a sense of well-being and the ability to concentrate. Smart lighting is multifunctional and needs-based. The *alevo* family of luminaires has a number of facets when it comes to shape, colour and function. It is, therefore, an ideal and flexible tool to create the different requirements in educational institutions also makes for the right balance in office environments.



Areas of application

- Offices
- Group rooms and classrooms
- Lounges
- Conference and meeting rooms
- Treatment rooms
- Exhibition rooms
- Retail premises

alevo

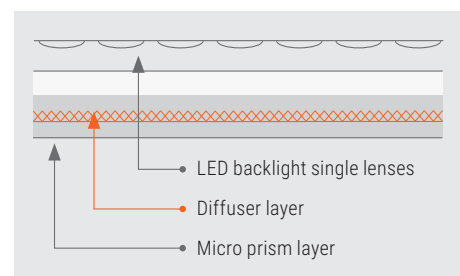


netlife flex55

Highlights

- Refurbishments in mind – solution for 3-wire replacement situations
- With tunable white and HCL, perfectly matched light colours for concentration and natural lighting moods
- Flexible adjustment of the luminous flux with the multilumen variants (ETM)
- *netlife* control technology in modern radio technology and classic master-slave control functions

Lens-Layer-Technologie



Transparent service life:

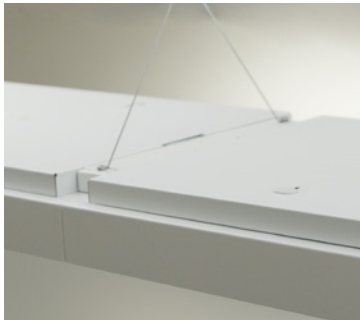
Type	Ta 25°C	
	L80B10	L90B50
AVAMP	100.000 h	50.000 h
AVHIMP	70.000 h	50.000 h
AVHILMP	70.000 h	50.000 h
AVAWF	70.000 h	50.000 h

Optimum replacement

Louvre luminaire		alevo	
T8	T5	Surface mounted 840	Suspension 840
1 x 36 W	1 x 28 W /35 W	2700 lm	
1 x 58 W	1 x 49 W	3900 lm	4100 lm
	1 x 54 W	4200 lm	4100 lm
	1 x 80 W	6100 lm	5900 lm
2 x 36 W	2 x 35 W	5100 lm	5000 lm
	2 x 49 W	6100 lm	6800 lm
2 x 58 W		7000 lm	6800 lm



Create light runs easily with alevo light run luminaires



Quicklock – to speed work up: quick-fit bracket system with arrester hook and safety cable



Versatility & variety – V-DESIGN for integrated through-wiring

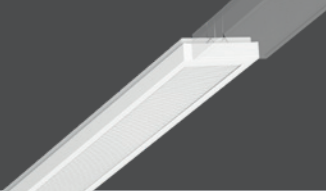
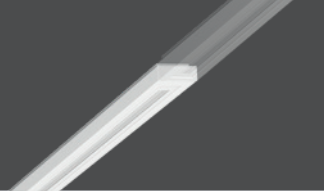



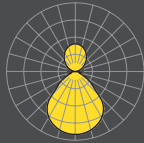








SRGVU/1500 – for fast installation with the SRT rail system: the universal installation device mount for the alevo 240

Typ	alevo-AVAMP	alevo-AVAWF (wall washer)	alevo-AVHIMP
			
Type of installation	Individual surface mounting	Individual surface mounting	Pendant individual mounting
LxWxH/DxH	1548 x 239 x 62 1548 x 354 x 62	1548 x 129 x 62	1548 x 239 x 58
Luminous intensity distribution curve			
Light distribution	Direct distribution.	Direct asymmetric distribution	Direct/indirect distribution.
Lighting technology	Microprismatic diffuser	Fresnel lens	Microprismatic diffuser
Certification mark			
Luminaire luminous flux [lm] 840	2700–7000	2900–4700	4100–6800
Luminaire efficiency [lm/W]	125–149	112–122	126–145
Light colour	830 840 827-865	830 840	830 840
LED service life	100000h L80/B10 50000h L90/B50	70000h L80/B10 50000h L90/B50	70000h L80/B10 50000h L90/B50
Control gears	ETM DALI DALI DT8 DALI flex55	ETM DALI	ETM DALI DALI flex55
Features	Tunable white <i>netlife</i> -control unit, sensor technology Human Centric Lighting with ext. control unit		<i>netlife</i> -control unit, sensor technology

Visit www.regiolux.com for the latest and more detailed data.

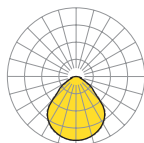
LIGHT RUN SOLUTIONS
+ luminaire connector

alevo-AVAMP	alevo-AVAWF (wall washer)	alevo-AVHILMP
		
Surface-mounted light run installation	Surface-mounted light run installation	Pendant light run installation
1548 x 239 x 62 1548 x 354 x 62	1548 x 129 x 62	1548 x 239 x 58
		
Direct distribution.	Direct asymmetric distribution	Direct/indirect distribution.
Microprismatic diffuser	Fresnel lens	Microprismatic diffuser
   UGR ≤ 19 IP 20	 IP 20	  UGR ≤ 16 IP 20
2700–7000	2900–4700	4100–6800
125–138	112–122	126–134
830 840 827-865	830 840	830 840
100000h L80/B10 50000h L90/B50	70000h L80/B10 50000h L90/B50	70000h L80/B10 50000h L90/B50
ETM DALI DALI DT8 DALI flex55	ETM DALI	ETM DALI DALI flex55
Tunable white <i>netlife</i> -control unit, sensor technology Human Centric Lighting with ext. control unit		<i>netlife</i> -control unit, sensor technology

alevo surface-mounted



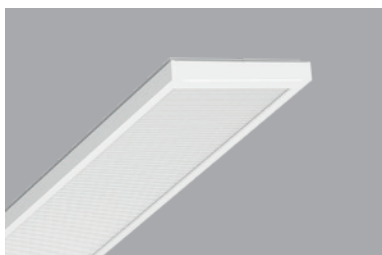
diffuser micro prism direct distribution



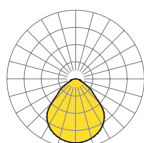
UGR ≤ 19 IP 20



Type	Configuration	Colour	Control gear	LxWxH/DxH	Part no.	lm/W	P _{sys} [W]
alevo-AVAMP/1500-240	LED 4200-2500 830	vw RAL 9016	ETM	1548 x 239 x 62	6571 1014 170	135-125	19-34
		sg RAL 9006	ETM	1548 x 239 x 62	6571 1014 175	135-125	19-34
	LED 4500-2700 840	vw RAL 9016	ETM	1548 x 239 x 62	6571 1024 170	145-134	19-34
		sg RAL 9006	ETM	1548 x 239 x 62	6571 1024 175	145-134	19-34
	LED 4200 830	vw RAL 9016	DALI ⁽¹⁾	1548 x 239 x 62	6571 1016 170	125	34
		sg RAL 9006	DALI ⁽¹⁾	1548 x 239 x 62	6571 1016 175	125	34
	LED 4500 840	vw RAL 9016	DALI ⁽¹⁾	1548 x 239 x 62	6571 1026 170	134	34
		sg RAL 9006	DALI ⁽¹⁾	1548 x 239 x 62	6571 1026 175	134	34
	LED 827-865	vw RAL 9016	DALI DT8 ⁽²⁾	1548 x 239 x 62	6571 1036 170	119	37
		sg RAL 9006	DALI DT8 ⁽²⁾	1548 x 239 x 62	6571 1036 175	119	37
	LED 4200 830	vw RAL 9016	DALI flex55	1548 x 239 x 62	6571 1056 170	125	34
		sg RAL 9006	DALI flex55	1548 x 239 x 62	6571 1056 175	125	34
	LED 4500 840	vw RAL 9016	DALI flex55	1548 x 239 x 62	6571 1066 170	134	34
		sg RAL 9006	DALI flex55	1548 x 239 x 62	6571 1066 175	134	34



diffuser micro prism direct distribution



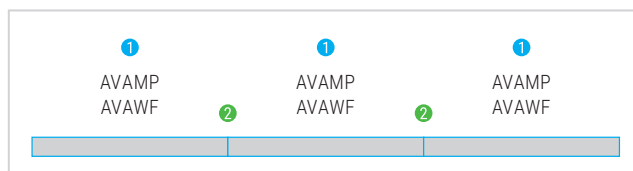
UGR ≤ 19 IP 20



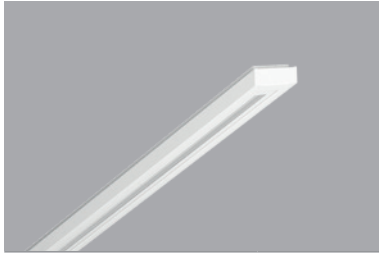
Type	Configuration	Colour	Control gear	LxWxH/DxH	Part no.	lm/W	P _{sys} [W]
alevo-AVAMP/1500-355	LED 6500-3900 830	vw RAL 9016	ETM	1548 x 354 x 62	6571 2014 170	138-128	28-51
		sg RAL 9006	ETM	1548 x 354 x 62	6571 2014 175	138-128	28-51
	LED 7000-4200 840	vw RAL 9016	ETM	1548 x 354 x 62	6571 2024 170	149-138	28-51
		sg RAL 9006	ETM	1548 x 354 x 62	6571 2024 175	149-138	28-51
	LED 6500 830	vw RAL 9016	DALI ⁽¹⁾	1548 x 354 x 62	6571 2016 170	128	51
		sg RAL 9006	DALI ⁽¹⁾	1548 x 354 x 62	6571 2016 175	128	51
	LED 7000 840	vw RAL 9016	DALI ⁽¹⁾	1548 x 354 x 62	6571 2026 170	138	51
		sg RAL 9006	DALI ⁽¹⁾	1548 x 354 x 62	6571 2026 175	138	51
	LED 827-865	vw RAL 9016	DALI DT8 ⁽²⁾	1548 x 354 x 62	6571 2036 170	120	62
		sg RAL 9006	DALI DT8 ⁽²⁾	1548 x 354 x 62	6571 2036 175	120	62
	LED 6500 830	vw RAL 9016	DALI flex55	1548 x 354 x 62	6571 2056 170	128	51
		sg RAL 9006	DALI flex55	1548 x 354 x 62	6571 2056 175	128	51
	LED 7000 840	vw RAL 9016	DALI flex55	1548 x 354 x 62	6571 2066 170	138	51
		sg RAL 9006	DALI flex55	1548 x 354 x 62	6571 2066 175	138	51

alevo surface-mounted light run

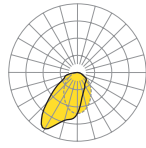
- ① Surface-mounted individual luminaire
- ② Luminaire connector (see accessories P. 11)



alevo wall washer



Fresnel lens + diffuser direct, asymmetric distribution



IP 20



Type	Configuration	Colour	Control gear	LxWxH/DxH	Part no.	lm/W	P _{sys} [W]
alevo-AVAWF/1500-130	LED 4500-2700 830	vw RAL 9016	ETM	1548 x 129 x 62	6571 1014 190	117-107	23-42
		sg RAL 9006	ETM	1548 x 129 x 62	6571 1014 195	117-107	23-42
	LED 4500 830	vw RAL 9016	DALI ¹⁾	1548 x 129 x 62	6571 1016 190	107	42
		sg RAL 9006	DALI ¹⁾	1548 x 129 x 62	6571 1016 195	107	42
	LED 4700-2900 840	vw RAL 9016	ETM	1548 x 129 x 62	6571 1024 190	122-112	23-42
		sg RAL 9006	ETM	1548 x 129 x 62	6571 1024 195	122-112	23-42
	LED 4700 840	vw RAL 9016	DALI ¹⁾	1548 x 129 x 62	6571 1026 190	112	42
		sg RAL 9006	DALI ¹⁾	1548 x 129 x 62	6571 1026 195	112	42

Accessories suspended mounting	Type	Colour	Material	Details	Part no.	
Wire suspension WF	AVAWF-SAE 1500 VW 5x0.75	vw RAL 9016	St	Wire suspension for alevo WF 1500 vw	6571 0130 121	1
	AVAWF-SAE 1500 SG 5x0.75	sg RAL 9006	St	Wire suspension for alevo WF 1500 sg	6571 0130 135	1

¹⁾Luminaires suitable for IoT (Internet of Things):

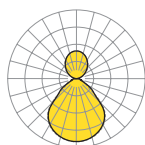
²⁾Luminaires with tunable white technology, suitable for Human Centric Lighting (HCL):



alevo suspension



diffuser micro prism direct/indirect distribution



UGR ≤ 15 IP 20

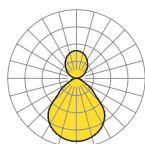


Type	Configuration	Colour	Control gear	LxWxH/DxH	Part no.	lm/W	P _{sys} [W]
alevo-AVHIMP/1500	LED 6400-3800 830	vw RAL 9016	ETM	1548 x 239 x 58	6572 1014 170	136-126	28-51
		sg RAL 9006	ETM	1548 x 239 x 58	6572 1014 175	136-126	28-51
	LED 6800-4100 840	vw RAL 9016	ETM	1548 x 239 x 58	6572 1024 170	145-134	28-51
		sg RAL 9006	ETM	1548 x 239 x 58	6572 1024 175	145-134	28-51
	LED 6400 830	vw RAL 9016	DALI ⁽¹⁾	1548 x 239 x 58	6572 1016 170	126	51
		sg RAL 9006	DALI ⁽¹⁾	1548 x 239 x 58	6572 1016 175	126	51
	LED 6800 840	vw RAL 9016	DALI ⁽¹⁾	1548 x 239 x 58	6572 1026 170	134	51
		sg RAL 9006	DALI ⁽¹⁾	1548 x 239 x 58	6572 1026 175	134	51
	LED 6400 830	vw RAL 9016	DALI flex55	1548 x 239 x 58	6572 1056 170	126	51
		sg RAL 9006	DALI flex55	1548 x 239 x 58	6572 1056 175	126	51
	LED 6800 840	vw RAL 9016	DALI flex55	1548 x 239 x 58	6572 1066 170	134	51
		sg RAL 9006	DALI flex55	1548 x 239 x 58	6572 1066 175	134	51

alevo suspended light run



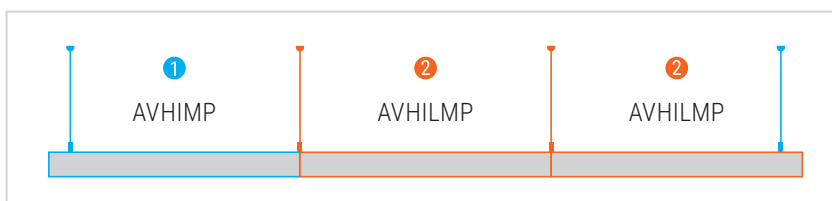
diffuser micro prism direct/indirect distribution



UGR ≤ 15 IP 20



Type	Configuration	Colour	Control gear	LxWxH/DxH	Part no.	lm/W	P _{sys} [W]
alevo-AVHILMP/1500	LED 6400-3800 830	vw RAL 9016	ETM	1548 x 239 x 58	6573 1014 170	136-126	28-51
		sg RAL 9006	ETM	1548 x 239 x 58	6573 1014 175	136-125	28-51
	LED 6800-4100 840	vw RAL 9016	ETM	1548 x 239 x 58	6573 1024 170	145-134	28-51
		sg RAL 9006	ETM	1548 x 239 x 58	6573 1024 175	145-134	28-51
	LED 6400 830	vw RAL 9016	DALI ⁽¹⁾	1548 x 239 x 58	6573 1016 170	126	51
		sg RAL 9006	DALI ⁽¹⁾	1548 x 239 x 58	6573 1016 175	126	51
	LED 6800 840	vw RAL 9016	DALI ⁽¹⁾	1548 x 239 x 58	6573 1026 170	134	51
		sg RAL 9006	DALI ⁽¹⁾	1548 x 239 x 58	6573 1026 175	134	51





- ① Suspended individual luminaire
- ② Suspended light run


¹⁾Luminaires suitable for IoT (Internet of Things):

alevo accessories



Rail mounting	Type	Colour	Material	Details	Part no.	
SRT installation device mount	SRGVU/1500	vw RAL 9016	St	SRT universal installation device mount for alevo 240	1901 5500 100	1

Accessories for surface-mounted light run	Type	Colour	Material	Details	Part no.	
Luminaires connector	alevo-AVA 130	vw RAL 9016	St	Luminaire connector for alevo 130 vw	6571 9000 030	1
	alevo-AVA 130	sg RAL 9006	St	Luminaire connector for alevo 130 sg	6571 9000 035	1
	alevo-AVA 240	vw RAL 9016	St	Luminaire connector for alevo 240 vw	6571 9000 040	1
	alevo-AVA 240	sg RAL 9006	St	Luminaire connector for alevo 240 sg	6571 9000 045	1
	alevo-AVA 355	vw RAL 9016	St	Luminaire connector for alevo 355 vw	6571 9000 000	1
	alevo-AVA 355	sg RAL 9006	St	Luminaire connector for alevo 355 sg	6571 9000 005	1

netlife accessories for Flex55	Details	Part no.	
LC-RX flex BT PB 2W	Bluetooth wall switch 2-channel	8450 8107 100	1
LC-RX flex BT PB 4W	Bluetooth wall switch 4-channel	8450 8108 100	1
LC-RX flex BT5 TOUCH PANEL	Bluetooth 5.0 touch panel	8450 4025 200	1

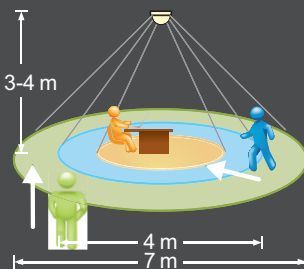


alevo netlife flex55

The ideal combination of convenience and energy savings

alevo flex55 master luminaires allow the individual control of lighting scenarios. With integrated Bluetooth modules, alevo flex55 reliably takes care of not just master-slave tasks but also sophisticated control solutions. The system can be scaled to any size thanks to networking (Bluetooth Mesh) with further system components. The touch panel brings a dash of style to its hassle-free operation.

The Koolmesh app has a number of features to allow easy set-up and programming of the system with additional gains in efficiency. You can configure and commission the system yourself or trust in Regiolux expertise.



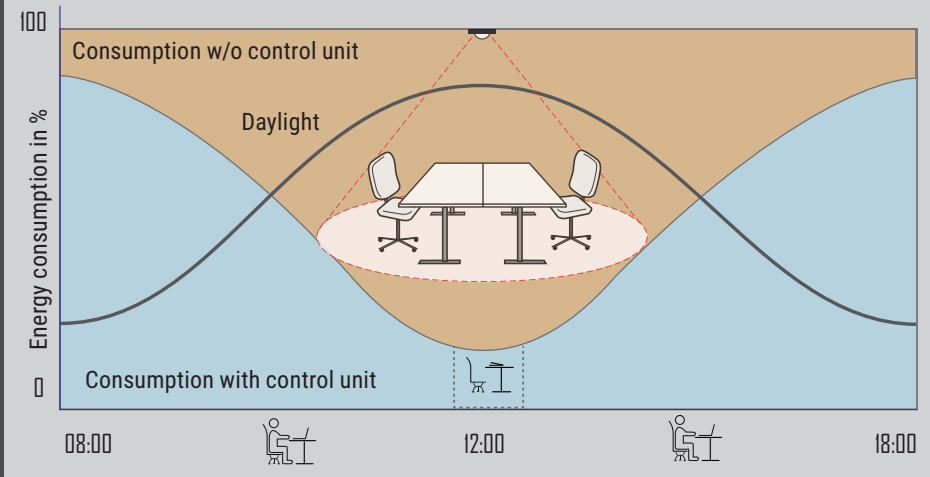
Highlights

- Refurbishment with sensor technology and 3-wire lead connections
- Up to 15 luminaires in a wired master-slave solution
- Wireless radio network via Bluetooth Mesh
- Easy operation thanks to free app or radio switch
- Detect presence and motion via integrated PIR sensor



netlife light control

Effective use of consumption control to save energy



Light control – what I need:



alevo flex55 luminaire

App for configuration & control

Options:



BT5 Touch panel



BT 2-channel wall switch



BT wall switch 4-channel

Mesh lighting solutions: Networking of different rooms



- Motion detection
- Presence detection
- Corridor function
- Guided Light
- HCL & tunable white
- Daylight control
- Manual dimming

Planning

a classroom with *alevo*

Old system:

cubus T8 ECG
10 RSXAC 1/58
2 RSXAAC 2/58

Total power per room: 770 watt
CO₂ emission: 0.61 t/year

New system:

alevo LED ETM
10 AVAMP/1500-240 LED 4500-2700 840 ETM (3900lm)
2 AVAWF/1500-130 LED 4700-2900 840 ETM (4100lm)

Total power per room: 357 watt
CO₂ emission: 0.28 t/year

Savings

54%

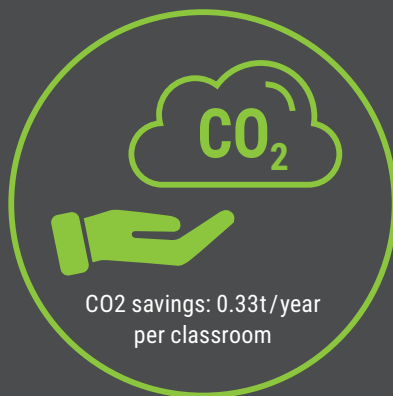
Room dimensions: 9.60 m x 7.20 m
Room height: 2.80 m
Useful level: 0.75 m

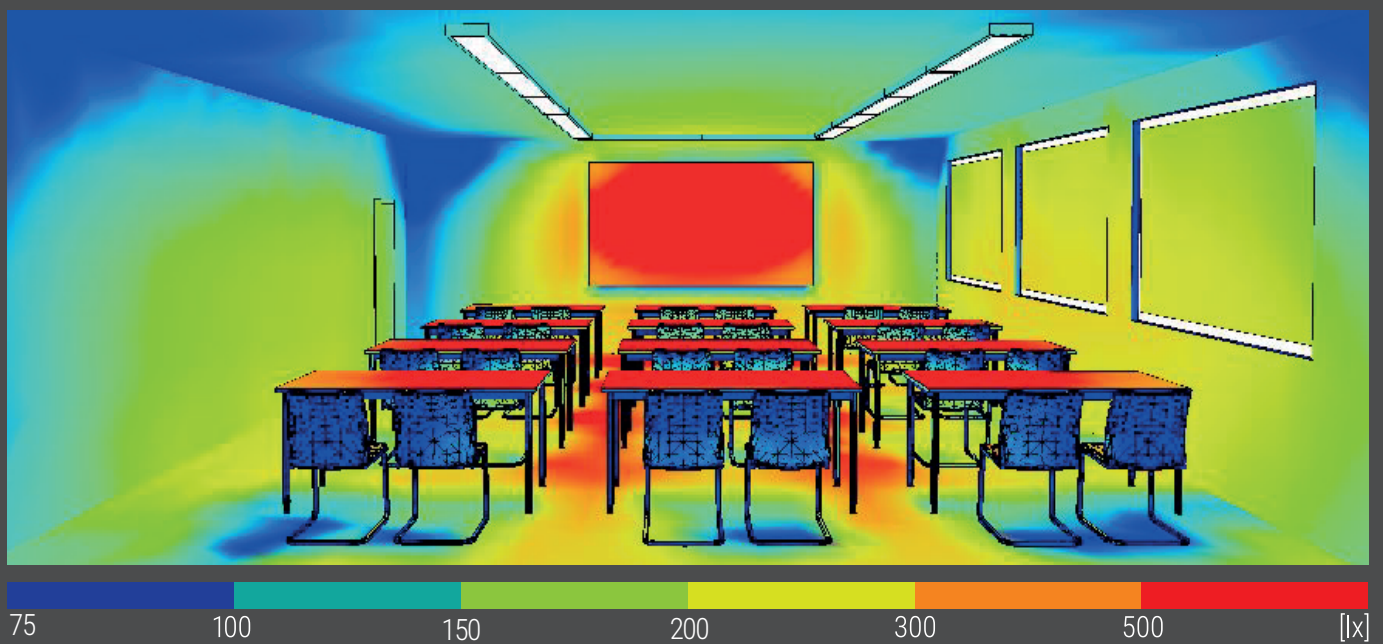
Reflection factors:

Ceiling: 0.7
Walls: 0.5
Floor: 0.2

Average illuminance:

Useful level: 530 lx horizontal
Blackboard: 590 lx vertical





Treatment



Modernisation



Reception



School building



Lobby/Multifunctional areas



Renovation



Staircase

Image index

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