

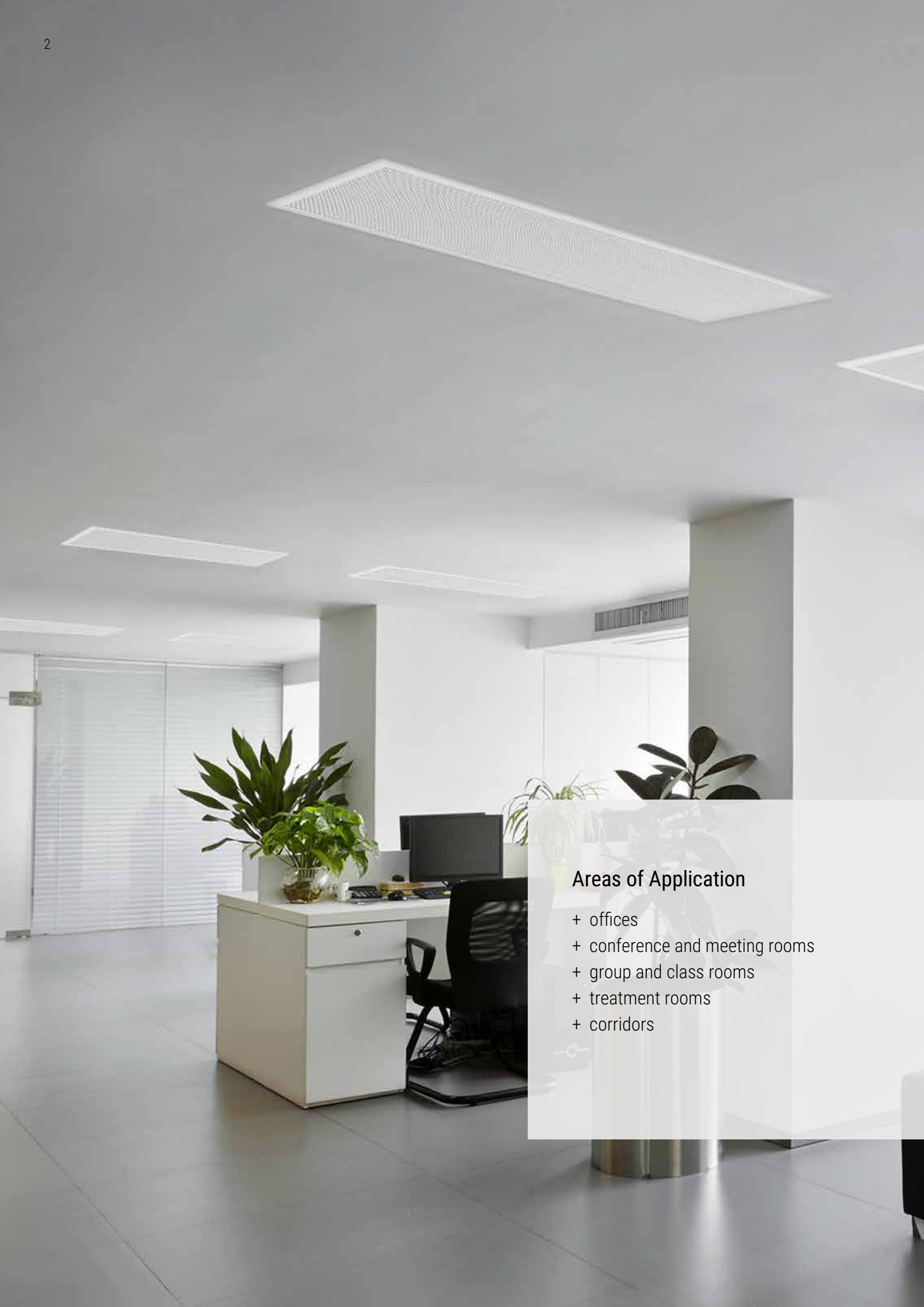
lowea

Recessed luminaire

Choose your size
and light intensity.



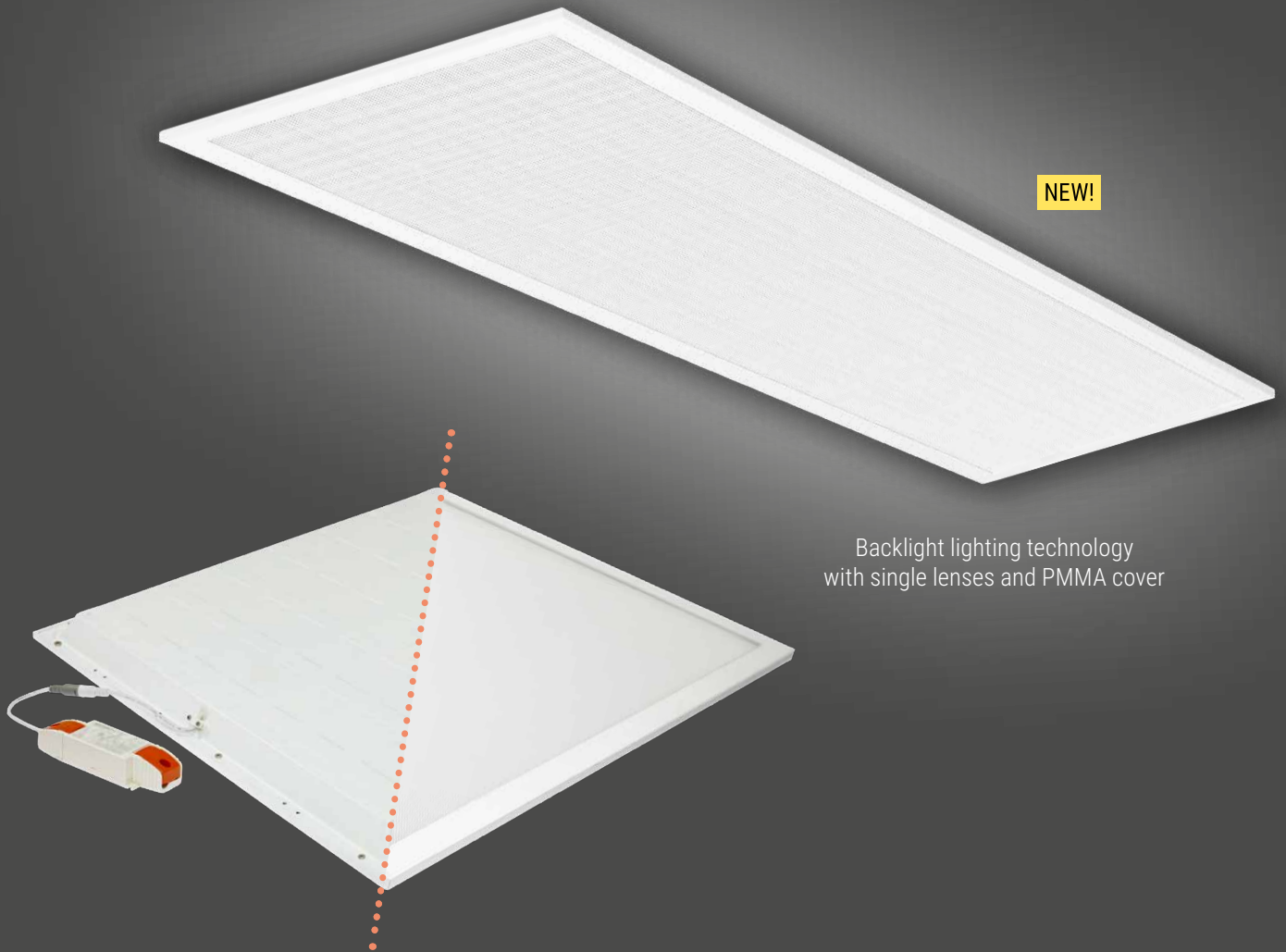
REGIOLUX



Areas of Application

- + offices
- + conference and meeting rooms
- + group and class rooms
- + treatment rooms
- + corridors

lowea Highlights



NEW!

Backlight lighting technology
with single lenses and PMMA cover

- + Flat LED recessed luminaire in size 600/625 or 1200/1250
- + With accessories, recessed or surface-mounted
- + Faster installation: all DALI versions with through wiring
- + Flicker-free multi-lumen driver with 4 adjustable luminous fluxes up to 5000 lm
- + The economic solution for your HCL lighting system
- + *netlife* sensor and control technology
- + Plug & Play: ready for operation




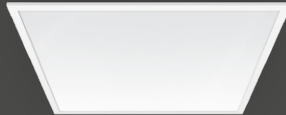
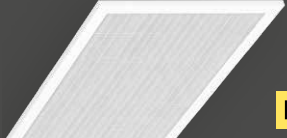


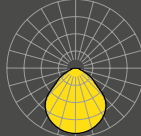












DV-BOX ET

**Quick and easy tool-less
through wiring** thanks to
the DV-Box ET accessory.

lowea

Recessed luminaire



Type	lowea- LOEMP/600 LOEMP/625	lowea- LOEO/625	lowea- LOEMP/300 LOEMP/312
			 NEW!
Lighting technology	Micro-prismatic diffuser	Opal diffuser	Micro-prismatic diffuser
LVK			
Test marks	 UGR ≤ 19	 UGR ≤ 22	 UGR ≤ 19
Protection class	IP 20/40	IP 20/40	IP 20/40
Mounting	recessed mounting, ceiling installation, individual mounting, individual surface mounting	recessed mounting, ceiling installation, individual mounting, individual surface mounting	recessed mounting, ceiling installation, individual mounting, individual surface mounting
Installation depth	 Et 145,  Et 145	 Et 145,  Et 145	 Et 145,  Et 145
Ceiling cut-out [LxW/D]	623 x 623 648 x 648	648 x 648	1223 x 323
Module size	600 x 600 625 x 625	625 x 625	1195 x 295 1250 x 312
LxWxH/DxH	595 x 595 x 33 620 x 620 x 33	620 x 620 x 33	  1195 x 295 x 33  1250 x 310 x 33
Luminaire luminous flux [lm]	4300–5000	4600–5100	3900–4800
Light colour	830 840 827–865	830 840 827–865	840
Luminaire luminous efficacy [lm/W]	116–135	120–135	119–125
LED service life	50000h L80/B10	50000h L80/B10	50000h L80/B10
Ballast	DALI DALI DT8 ETM	DALI DALI DT8 ETM	DALI ETM
Housing colour	traffic white RAL 9016	traffic white RAL 9016	traffic white RAL 9016
Features	emergency lighting, HCL	HCL	

Facts at a glance

Mounting:

- Lay-in luminaire
- With accessories, surface-mounted or recessed

Housing:

- Aluminium, white powder coated sheet steel housing
- Suitable for ceilings with visible T-rails; cut-out ceilings

Lighting technology LOEMP:

- Micro-prismatic diffuser; PMMA plastic
- Direct light distribution
- Suitable for VDU workstations, 65° < 3000 cd/m²

Lighting technology LOEO:

- Opal diffuser; PMMA plastic
- Lighting characteristic direct distribution


Miscellaneous:

- Adaptable multi-lumen driver with 4 variable settable output levels e.g.: lowea MP: 4000, 4400, 4600, 5000 lm
- ETM: Flicker <5% (up to 100 Hz)
DALI: Flicker <1% (up to 400 Hz)
- flexible 35 cm connecting cable with plug system to the luminaire, wired for operation
- Protection class: IP20 / IP40 room side


Miscellaneous Device Type 8 (DT8):

- Luminaires in tunable white technology for Human Centric Lighting
- DALI LED driver type 8 (DT8) integrated

Type	Fittings	lm/W	P _{sys} [W] min-max	Ballast	LxWxH	Art. no.	kg
Micro-prismatic diffuser direct distribution							
lowea-LOEMP/600	LED 4500-3600 830	121-116	30-39	ETM	595 x 595 x 33	6014 3034 150	2,18
	LED 4500 830	116	39	DALI ²⁾	595 x 595 x 33	6014 3036 650	2,25
	LED 5000-4000 840	134-128	30-39	ETM	595 x 595 x 33	6014 4034 150	2,18
	LED 5000 840	128	39	DALI ²⁾	595 x 595 x 33	6014 4036 650	2,25
	LED 4300 827-865	120	36	DALI DT8 ¹⁾	595 x 595 x 33	6014 4036 950	2,20
lowea-LOEMP/625	LED 4800-3800 830	127-122	30-39	ETM	620 x 620 x 33	6011 3034 150	2,36
	LED 4800 830	122	39	DALI ²⁾	620 x 620 x 33	6011 3036 650	2,43
	LED 5000-4000 840	134-128	30-39	ETM	620 x 620 x 33	6011 4034 150	2,36
	LED 5000 840	128	39	DALI ²⁾	620 x 620 x 33	6011 4036 650	2,43
	LED 4700 827-865	119	40	DALI DT8 ¹⁾	620 x 620 x 33	6011 4036 950	2,39
	LED 5000-4000 840		30-39	ETM NL-B3 ³⁾	620 x 620 x 33	6011 4037 150	3,76
lowea-LOEMP/300-1200	LED 4800-3900 840	125-119	31-40	ETM	1195 x 295 x 33	6017 4034 150	2,20
	LED 4800 840	119	40	DALI ²⁾	1195 x 295 x 33	6017 4036 650	2,25
lowea-LOEMP/312-1250	LED 4800-3900 840	125-119	31-40	ETM	1250 x 310 x 35	6018 4034 150	3,08
	LED 4800 840	119	40	DALI ²⁾	1250 x 310 x 35	6018 4036 650	3,13
Opal diffuser direct distribution							
lowea-LOEO/625	LED 4800-3800 830	128-122	30-39	ETM	620 x 620 x 33	6011 3034 110	2,05
	LED 4800 830	122	39	DALI ²⁾	620 x 620 x 33	6011 3036 610	2,12
	LED 5100-4100 840	135-130	30-39	ETM	620 x 620 x 33	6011 4034 110	2,05
	LED 5100 840	130	39	DALI ²⁾	620 x 620 x 33	6011 4036 610	2,12
	LED 4600 827-865	120	38	DALI DT8 ¹⁾	620 x 620 x 33	6011 4036 910	2,08

¹⁾ Luminaires with tunable white technology suitable for Human Centric Lighting (HCL): 

²⁾ Luminaires suitable for IoT (Internet of Things): 

³⁾ Luminaires with emergency light unit single battery 3h: 

Accessories	Colour	Details	Art. no.	kg
LO-ER 600	vw RAL 9016	lowea mounting frame for cut-out ceilings size 600	6014 0003 100	0,54
LO-ER 625	vw RAL 9016	lowea mounting frame for cut-out ceilings size 625	6011 0003 100	0,57
LO-ER 300x1200	vw RAL 9016	lowea mounting frame for cut-out ceilings size 300	6017 0003 100	0,60
LO-AR 625	vw RAL 9016	lowea surface-mounting frame for size 625 ETM/ DALI	6011 0005 100	2,85
LO-AR 300x1200	vw RAL 9016	lowea surface-mounting frame 300 for LOEMP/300-1200	6017 0005 100	3,36
DV-BOX ET/ETM	sw	DV-BOX ET/ ETM for lowea, panella, loda, scota und relo	7991 0001 100	0,04

lowea Surface & recessed mounting frame

Surface mounting frame:

Optimally equipped for even more possibilities



LO-AR 625, IP20



LO-AR 300, IP20

Dimensions	LxWxH	ML x MB \pm	Et ¹⁾	Et
LOE./600 IP..	595 x 595 x 33	600 x 600	115	145
LOE./625 IP..	620 x 620 x 33	625 x 625	115	145
LOEMP/300-1200 IP..	1195 x 295 x 33	1200 x 300	145	145
LOEMP/312-1250 IP..	1250 x 310 x 35	1250 x 312	145	-

¹⁾ e = minimum ceiling distance (but only if ceiling construction and luminaires are mounted at the same time): 115 mm

Recessed mounting frame:

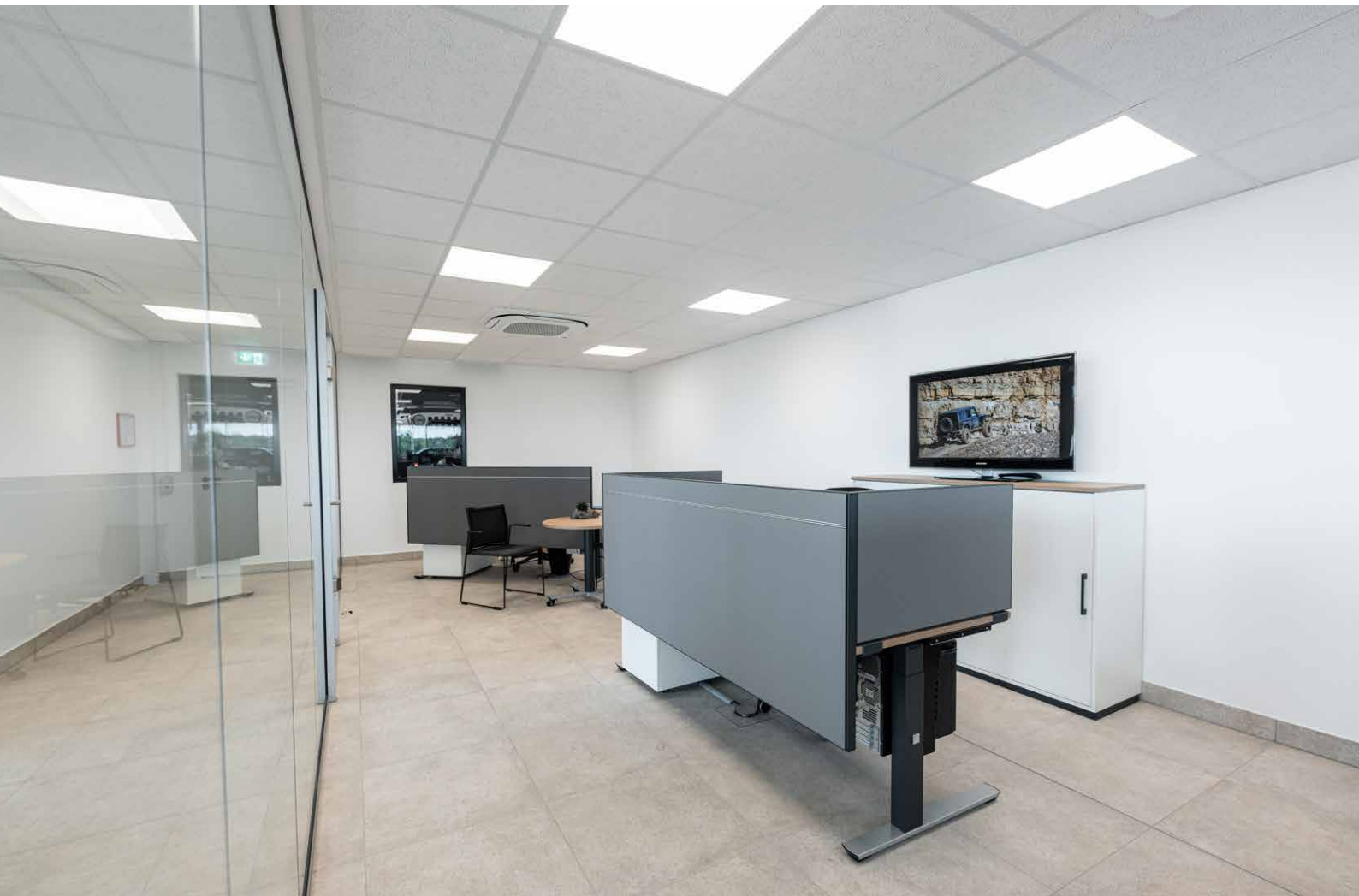
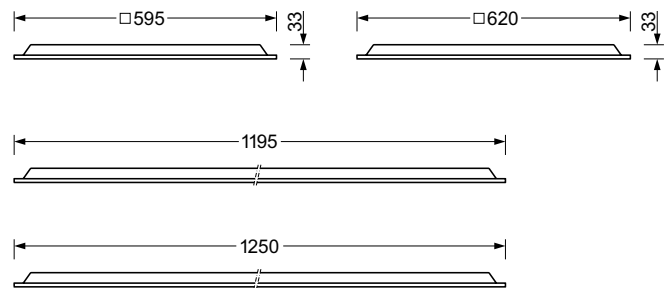
Visually perfect for cut-out ceilings



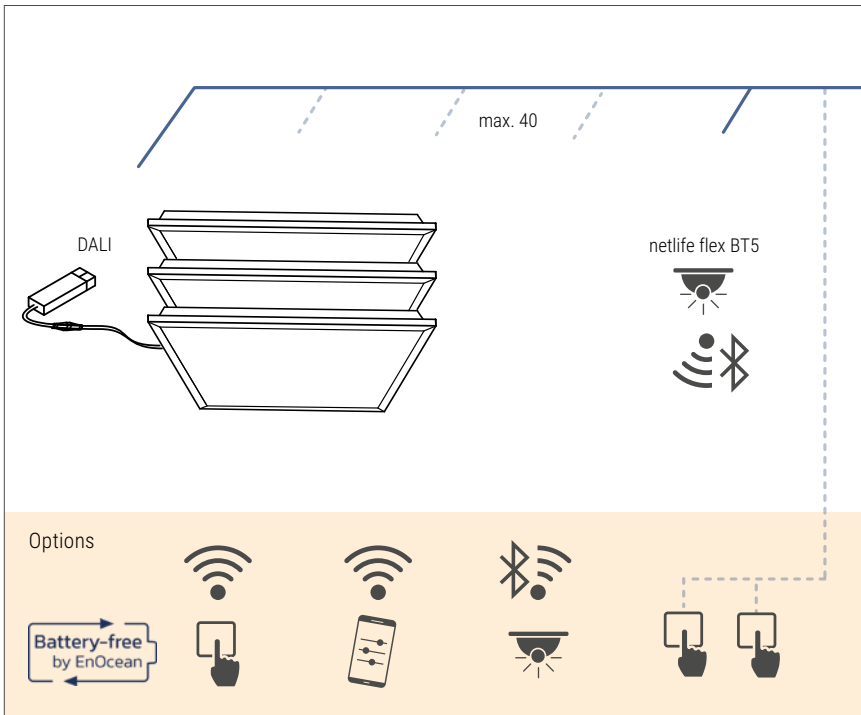
LO-ER 600/625, IP20/IP40



LO-AR 300+1200, IP20/IP40



lowea *netlife* light control



This is how the *lowea* becomes a stand-alone office solution with efficient lighting control:

- Connect and play: control networked with netlife light control
- Sensor with new powerful Bluetooth 5.0
- Daylight control
- Motion detection
- Tunable White or HCL
- 1 DALI line for up to 40 luminaires

Expandable with optional accessories according to your requirements for comfort or functionality.

With the free Koolmesh App all functions can be defined.



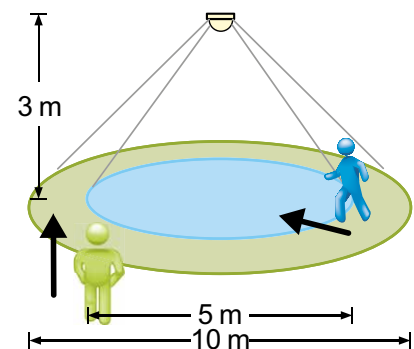
LC-RX flex BT5 Sensor HCL FM



Sensor mount



Sensor with mounting kit



Type	Colour	Details	Art. no.	
LC-RX flex BT5 Sensor HCL FM	ws	Light Control Bluetooth 5.0 sensor PIR, recessed mounting, IP20	8450 8113 100	1
LC-RX flex BT5 Sensor SM KIT	ws	Ceiling surface mounting set for Bluetooth 5.0 sensor	8450 8114 100	1

”Versatile and efficient.



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