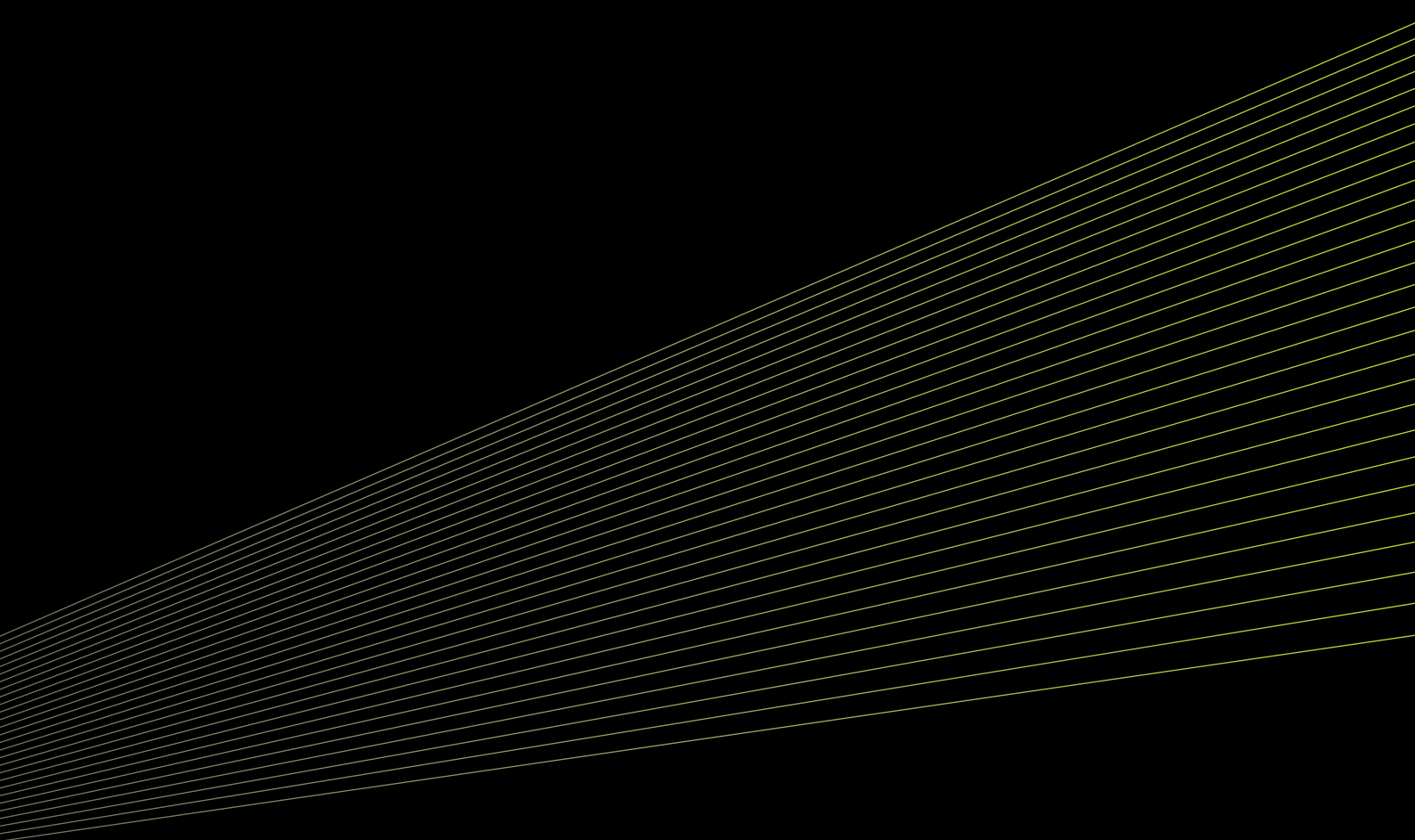


ENLIT

SELECTION 2018





APPLICATIONS

- clean rooms
- hospitals
- health care institutions
- pharmaceutical industry
- laboratories
- kitchens

INSTALLATION TYPE

- RT600 – recessed luminaire, ceiling with exposed grids, module size 600x600
- SUR - surface mounted luminaire
- R - recessed luminaire, plasterboard ceiling / installation into another ceiling types on request

LIGHT SOURCES

- LED
- T5

ELECTRICAL EQUIPMENT

- ECG – electronic control gear
- DALI – electronic DALI dimmable control gear

OPTIONAL EQUIPMENT / ACCESSORIES

- wired with emergency unit (1 or 3h)
- components for fast electrical connection (Wieland, Wago, Isodom)
- ESG VSG (laminated hardened glass) bottom cover

LED

VALUE FOR PRICE

- 1 louvers made of 0,4mm anodised aluminium only
- 2 high efficient double parabolic louvre, optical efficiency up to 80% (MIRO4)
- 3 VSG ESG laminated microstructured hardened glass diffuser for maximum safety
- 4 high efficient LED modules
- 6 pressure equalisation system
- 7 screw-free installation of bottom frame
- 8 product fully manufactured and assembled in Slovakia

BASIC IP

Efficient lighting for clean environments

TWO TYPES OF BOTTOM COVER

ESG (hardened glass): safety glass treated specially to increase the strength of the glass. When broken, glass will fall into small granular pieces.
 VSG ESG (laminated hardened glass): PVB (polyvinyl butyral) foil inserted between two layers of hardened glass (3mm+3mm) for maximum safety. In the event of breaking, the glass is held in place, the foil prevents the glass from breaking up into pieces. Interlayer foil also blocks 99% of UV radiated from fluorescent lamps

BASIC IP is luminaire with high protection against dust and water, that suits best for clean room application like laboratories, hospitals or kitchens. Depending upon type, luminaires could be recessed or surface mounted.

BASIC IP range consists of different versions with various types of optical systems, installation types and electrical equipment.

IP65 FOR COMPLETE LUMINAIRE

Welded, completely enclosed luminaire housing, without any air gaps. Microporous gasket between the aluminium frame and the housing. IP65 cable gland for mains supply. Air-permeable membranes helps to equalize the internal pressure.

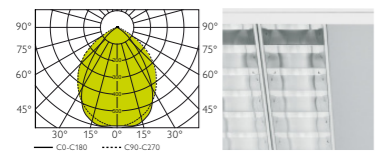


BASIC LED IP65

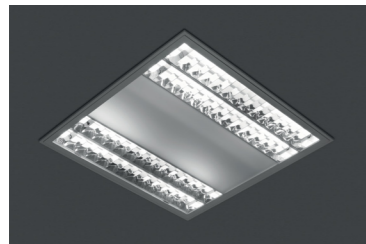
L



Lamp	LED
Cooling	PASSIVE
Class	I
Ingress protection	IP65
Weight	8,3-14,3kg



BASIC LED IP65 2x2L 5200lm 600x600



Recessed luminaire for ceilings with exposed grids, module size 600x600. Luminaire housing made of 0,6mm sheet steel, white powder coated finish (RAL9003). Luminaire housing is welded, completely enclosed without any openings. All internal components are mounted on gear tray, fixed to the housing bottom.

Optical system is fixed in aluminium frame, white powder coated finish (RAL9003). Frame is attached to the housing with 4 strong inox springs. The gap between the frame and housing is sealed with microporous gasket. Bottom side of diffuser have always smooth surface for easy maintenance and cleaning.

INSTALLATION TYPE

- RT600 – recessed luminaire, ceiling with exposed grids, module size 600x600
- SUR – surface mounted version
- R - recessed luminaire, plasterboard ceiling / installation into another ceiling types on request



OPTICAL SYSTEM

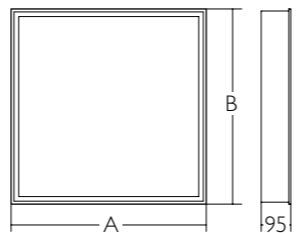
- PML – transparent ESG (hardened) glass in combination with parabolic louvre made of anodised matt aluminium

ELECTRICAL EQUIPMENT

- linear LED modules mounted on aluminium gear tray, fixed to the bottom of luminaire housing
- electronic LED driver
- terminal block with strain relief, max. 2,5mm²
- cable entry completed with IP65 cable gland

OPTIONAL EQUIPMENT

- wiring with emergency unit (1 or 3h)
- wiring with dimmable LED driver (DSI, DALI)
- ESG VSG (laminated hardened glass) bottom cover



Type*	System power (W)	Equivalent	A (mm)	B (mm)	kg
BASIC LED IP65 2x2L RT600 5200lm	50	4x24W T5	595	595	8,3
BASIC LED IP65 12x3 1x2L RT600 5200lm	50	2x54W T5	1195	295	8,6
BASIC LED IP65 12x6 2x2L RT600 10400lm	100	4x54W T5	1195	595	14,3

* net lumen output of the luminaire

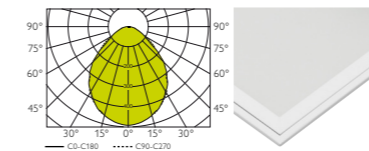
CODE	TYPE	SPECIFICATION					
		cct	optics	cri	control gear	colour	accessories
BP01RT60LE05200	BASIC LED IP65 2x2L RT600 5200lm	3000K	PML MIRO5	80	ECG	RAL 9003	M 3h
BP11RT60LE05200	BASIC LED IP65 12x3 1x2L 5200lm	4000K	PSL MIRO4	90	DIM 1-10V		M1h
BP21RT60LE10400	BASIC LED IP65 12x6 2x2L 10400lm	6500K			DSI DALI		ESG VSG

BASIC LED IP65

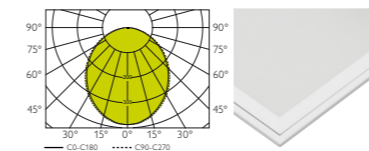
DIF



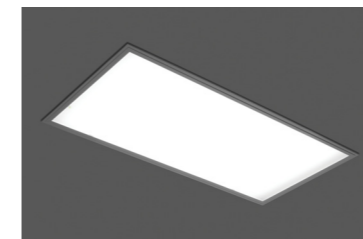
Lamp	LED
Cooling	PASSIVE
Class	I
Ingress protection	IP65
Weight	8,3-14,3kg



BASIC LED IP65 DIF 4300lm DMP



BASIC LED IP65 DIF 3500lm DO

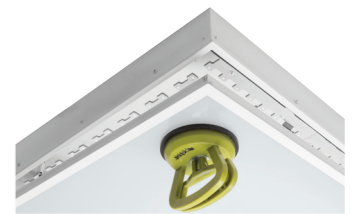


Recessed luminaire for ceilings with exposed grids, module size 600x600. Luminaire housing made of 0,6mm sheet steel, white powder coated finish (RAL9003). Luminaire housing is welded, completely enclosed without any openings. All internal components are mounted on gear tray, fixed to the housing bottom.

Diffuser is fixed in aluminium frame, white powder coated finish (RAL9003). Frame is attached to the housing with 4 strong inox springs. The gap between the frame and housing is sealed with microporous gasket. Bottom side of diffuser have always smooth surface for easy maintenance and cleaning.

INSTALLATION TYPE

- RT600 – recessed luminaire, ceiling with exposed grids, module size 600x600
- SUR – surface mounted version
- R - recessed luminaire, plasterboard ceiling / installation into another ceiling types on request



OPTICAL SYSTEM

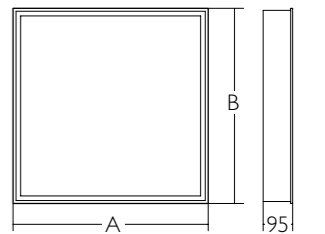
- DO – transparent diffuser, made of ESG (hardened glass) in combination with opal diffusion layer made of PC
- DMP – transparent ESG (hardened) glass in combination with microprismatic diffuser made of PMMA

ELECTRICAL EQUIPMENT

- area LED modules mounted on aluminium gear tray, fixed to the bottom of luminaire housing
- electronic LED driver
- terminal block with strain relief, max.2,5mm²
- cable entry completed with IP65 cable gland

OPTIONAL EQUIPMENT

- wiring with emergency unit (1 or 3h)
- wiring with dimmable LED driver (DSI, DALI)
- ESG VSG (laminated hardened glass) bottom cover



Type*	System power (W)	Equivalent	A (mm)	B (mm)	kg
BASIC LED IP65 DIF RT600 4300lm	41	4x14W T5	595	595	8,3
BASIC LED IP65 12x3 DIF RT600 4300lm	41	2x28W T5	1195	295	8,6
BASIC LED IP65 12x6 DIF RT600 8600lm	82	4x28W T5	1195	595	14,3

* net lumen output of the luminaire

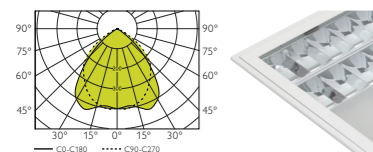
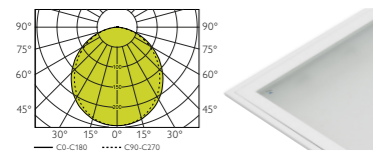
CODE	TYPE	SPECIFICATION					
		cct	optics	cri	control gear	colour	accessories
BP00RT60LE04300	BASIC LED IP65 DIF RT600 4300lm	3000K	DO	80	ECG	RAL 9003	M 3h
BP10RT60LE04300	BASIC LED IP65 12x3 DIF RT600 4300lm	4000K	DMP	90	DIM 1-10V		M1h
BP20RT60LE08600	BASIC LED IP65 12x6 DIF RT600 8600lm	6500K			DSI DALI		ESG VSG

BASIC IP

RT600



Lamp	T5
Lamp holder	G5
Class	I
Ingress protection	IP65
Weight	8,3-14,3 kg



Recessed luminaire for ceilings with exposed grids, module size 600x600. Luminaire housing made of 0,6mm sheet steel, white powder coated finish (RAL9003). Luminaire housing is welded, completely enclosed without any openings. All internal components are mounted on gear tray, fixed to the housing bottom.

Diffuser is fixed in aluminium frame, white powder coated finish (RAL9003). Frame is attached to the housing with 4 strong inox springs. The gap between the frame and housing is sealed with microporous gasket. Bottom side of diffuser have always smooth surface for easy maintenance and cleaning.

INSTALLATION TYPE

- RT600 – recessed luminaire, ceiling with exposed grids, module size 600x600
- installation in to another ceiling types on request

OPTICAL SYSTEM

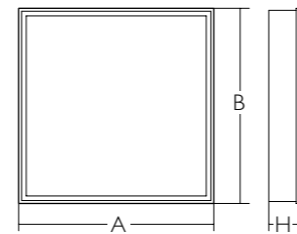
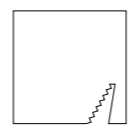
- DO – opal diffuser, made of laminated microsanblasted hardened glass (hardened glass, PC or PMMA on request)
- PSL – transparent diffuser, made of laminated hardened glass (hardened glass, PC or PMMA on request) in combination with parabolic louvre made of anodised aluminium.

ELECTRICAL EQUIPMENT

- electronic control gear for linear fluorescent lamps T5, lampholder G5
- 3 or 5-pole screwless terminal block with strain relief, max. 2,5mm². Cable entry equipped with IP65 rubber cable gland.

OPTIONAL EQUIPMENT

- lamps included inside luminaire
- wiring with multi-watt electronic control gear
- wiring with emergency unit (1 or 3h)
- wiring with dimmable electronic control gear (analogue, DSI, DALI)
- fast connector Wieland



Type	A (mm)	B (mm)	H (mm)	kg
BASIC IP65 RT600 T5 4x14W	595	595	95	8,3
BASIC IP65 RT600 T5 4x24W	595	595	95	8,3
BASIC IP65 RT600 T5 3x14W	595	595	95	8,3
BASIC IP65 RT600 T5 3x24W	595	595	95	8,3
BASIC IP65 RT600 T5 4x28W	1195	595	95	14,3
BASIC IP65 RT600 T5 4x54W	1195	595	95	14,3
BASIC IP65 RT600 T5 3x28W	1195	595	95	14,3
BASIC IP65 RT600 T5 3x54W	1195	595	95	14,3
BASIC IP65 RT600 T5 2x28W	1195	295	95	8,6
BASIC IP65 RT600 T5 2x54W	1195	295	95	8,6

CODE	TYPE
BP00RT600T54014	BASIC IP65 RT600 T5 4x14W
BP00RT600T54024	BASIC IP65 RT600 T5 4x24W
BP00RT600T53014	BASIC IP65 RT600 T5 3x14W
BP00RT600T53024	BASIC IP65 RT600 T5 3x24W
BP00RT600T54028	BASIC IP65 RT600 T5 4x28W
BP00RT600T54054	BASIC IP65 RT600 T5 4x54W
BP00RT600T53028	BASIC IP65 RT600 T5 3x28W
BP00RT600T53054	BASIC IP65 RT600 T5 3x54W
BP00RT600T52028	BASIC IP65 RT600 T5 2x28W
BP00RT600T52054	BASIC IP65 RT600 T5 2x54W

SPECIFICATION

control gear	optics	colour	lamp	emergency unit	accessories
ECG	PSL	RAL 9003	14W/827, 14W/830, 14W/835, 14W/840, 14W/865, 24W/827, 24W/830, 24W/835, 24W/840, 24W/865, 24W/880, 24W/940, 24W/965, 28W/827, 28W/830, 28W/835, 28W/840, 28W/865, 54W/827, 54W/830, 54W/835, 54W/840, 54W/865, 54W/880, 54W/940, 54W/965	M 3h	
DIM 1-10V	DO				
DSI					
DALI					



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