TERRA 2 LED IOT

GENERAL CARD



TECHNICAL PARAMETERS

Rated power of the luminaire [W]*:	20.00 - 48.00
Luminous flux [lm]*:	2400 - 5400
Energy efficiency class:	E
Electrical protection class:	II
Colour temperature [K]:	3000; 4000
Color rendering index (Ra) >:	80
Ingress protection:	IP20
Mounting version:	recessed
Dimensions (H/W/T/S) [mm]:	595/595/32;

CHARACTERISTICS

Recessed square LED luminaire with high total luminous Flux. Made of powder-coated white steel sheet. The luminaire has a patented HE reflector installed, which ensures efficiency and effectively eliminates glare. Available mounting versions: surface mounted, surface mounted on neodymium magnets (magnet ver. / N-MAG), flush-mounted in modular or KG ceilings (using an adapter), or suspended. In the surface-mounted version, solutions influencing the speed and safety of installation were used. In addition, the versions with neodymium magnets shorten the installation time of surface-mounted versions to an absolute minimum.

IoT characteristics
Variants available:
IoT BT CAS DALI a built-in **BT CAS** module that allows you to program functions in the CASAMBI app and control in real time, and a **DALI** driver that allows you to dim the light source.
IoT BT HYT PWM BT HYT module (built into the driver) allowing you to program functions in the Lena Lighting Clue app and control in real time, and a **PWM** driver for dimming the light source.
IoT BT PIR HYT DALI a built-in **BT HYT** module that allows you to program functions in the Lena Lighting Clue app and control in real time; **PIR** motion and daylight sensor and **DALI** driver for dimming the light source.
IoT BT PIR HYT PWM BT HYT module (built into the driver) allowing for programming functions in the Lena Lighting Clue application and real-time control; **PIR** motion and daylight sensor and **PWM** driver for dimming the light source.
IoT DS HYT 1-10V a built-in **DS** daylight sensor and a **1-10V** driver for dimming the light source.

APPLICATION

General-purpose recessed luminaire for indoor application in offices or other utility rooms. Appropriate as the main light source even when the work requires eyesight concentration.
UGR <19
Unified Glare Rating is an indicator characterizing glare. The lower the Unified Lighting Rating Index (UGR), the lower the glare. In the case of luminaires designed for office spaces, UGR <19, among, others improves the comfort of work, reduces errors and fatigue. The UGR value also depends on many factors characterizing the room and the location of the observer. Special computer programs should be used to precisely determine the degree of glare for specific conditions.

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AVAILABLE VERSIONS

Click index >>, to see details

TERRA 2 LED IoT white mat

Rated power of the luminaire [W]*	Luminous flux [lm]*	Colour temperature [K]	Colour of the body	PIR	Version	Dimensions (H/W/T/S) [mm]	Index
20	2400	3000	white mat	yes		595/595/32	>> 224232
20	2600	4000	white mat	yes		595/595/32	>> 224256
27	3000	3000	white mat	yes		595/595/32	>> 224430
27	3200	4000	white mat	yes	BT PIR HYT PWM	595/595/32	>> 242960
31	3300	3000	white mat	yes		595/595/32	>> 224270
31	3500	4000	white mat	yes		595/595/32	>> 224294
36	3950	3000	white mat	yes		595/595/32	>> 224317
36	4200	4000	white mat	yes	BT PIR HYT PWM	595/595/32	>> 224331
41	4450	3000	white mat	yes		595/595/32	>> 224355
41	4750	4000	white mat	yes		595/595/32	>> 224379
48	5050	3000	white mat	yes		595/595/32	>> 224393
48	5400	4000	white mat	yes		595/595/32	>> 224416

TERRA 2 LED IoT white gloss

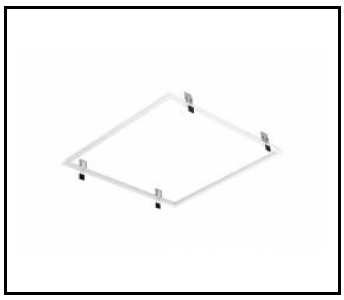
Rated power of the luminaire [W]*	Luminous flux [lm]*	Colour temperature [K]	Colour of the body	PIR	Version	Dimensions (H/W/T/S) [mm]	Index
20	2400	3000	white gloss	yes		595/595/32	>> 224249
20	2600	4000	white gloss	yes		595/595/32	>> 224263
27	3000	3000	white gloss	yes		595/595/32	>> 224447
27	3200	4000	white gloss	yes	BT PIR HYT PWM	595/595/32	>> 242953
31	3300	3000	white gloss	yes		595/595/32	>> 224287
31	3500	4000	white gloss	yes		595/595/32	>> 224300
36	3950	3000	white gloss	yes	BT PIR HYT PWM	595/595/32	>> 224324
36	4200	4000	white gloss	yes	BT PIR HYT PWM	595/595/32	>> 224348
41	4450	3000	white gloss	yes		595/595/32	>> 224362
41	4750	4000	white gloss	yes		595/595/32	>> 224386
48	5050	3000	white gloss	yes		595/595/32	>> 224409
48	5400	4000	white gloss	yes		595/595/32	>> 224423

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ACCESSORIES AVAILABLE

index	Name
374845	Frame adapter KG 635x635 WHITE



Frame adapter KG 635x635
WHITE (374845)

The company reserves the right to make design changes or upgrades in the presented product. Product data sheet does not constitute an offer. * Parameter tolerance is +/- 10%

This product is a subject to electric andelectronic waste equipment regulations (WEEE).

Certificate CE - Nr: 354/2023; 445/2023

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Terra 2 LED IoT - explanation of the different versions:

The **IoT BT CAS DALI** version has: a built-in **BT CAS** module that allows you to program functions in the CASAMBI app and control in real time, and a **DALI** driver that allows you to dim the light source.

The **IoT BT HYT PWM** version has: **BT HYT** module (built into the driver) allowing you to program functions in the Lena Lighting Clue app and control in real time, and a **PWM** driver for dimming the light source.

The **IoT BT PIR HYT DALI** version has: a built-in **BT HYT** module that allows you to program functions in the Lena Lighting Clue app and control in real time; **PIR** motion and daylight sensor and **DALI** driver for dimming the light source.

The **IoT BT PIR HYT PWM** version has: **BT HYT** module (built into the driver) allowing for programming functions in the Lena Lighting Clue application and real-time control; **PIR** motion and daylight sensor and **PWM** driver for dimming the light source.

The **IoT DS HYT 1-10V** version has: a built-in **DS** daylight sensor and a **1-10V** driver for dimming the light source.