

TOP PERFORMANCE
COST-EFFECTIVE
LED LUMINAIRES

24 **LED**®
7 **BOX**



24LED[®]
7BOX

LED technology



 **LUG**[®]

LED BOX is a line of professional luminaires using the latest LED technology solutions manufactured by LUG Light Factory, the leader in the European lighting industry.

The luminaires in the LED BOX product line are the perfect combination of installation simplicity, high performance and best quality at competitive prices.

LED BOX is the best replacement for traditional lighting systems in various types of commercial facilities and infrastructural objects.



ADDED VALUES

- Increased energy efficiency of the electrical installation
- Improvement to the work environment
- Reduced stroboscopic effect (compared to the T8 lamp)
- Reduction of costs related to lighting maintenance
- Lower CO₂ emission
- Creating the image of an eco-friendly and innovative company

- LED BOX products are direct replacements of traditional lighting systems
- Optimized dimensions of luminaires
- Simple and easy mounting
- Lower operating costs and energy consumption
- Quality guaranteed by LUG, the leading European manufacturer of lighting luminaires

24 LED 7 BOX[®]

how it works



quick order



guaranteed
stock*



max 7 days
delivery*



customer
satisfaction



* for selected products



high efficacy

100
lm/W

50 000 h lifetime



easy mounting



wide range
of solutions



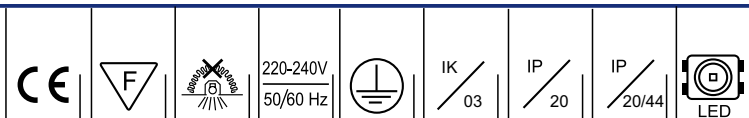
LUGSTAR LB LED recessed



- ✓ available version: Wieland and emergency kit
- ✓ low glare UGR<19, while maintaining high lighting parameters
- ✓ perfect for office and school applications
- ✓ up to 60% energy savings compared to the conventional technology
- ✓ toolless and quick installation
- ✓ universal design
- ✓ alternatively: warm and cold white colour temperatures
- ✓ return on investment < 2 years



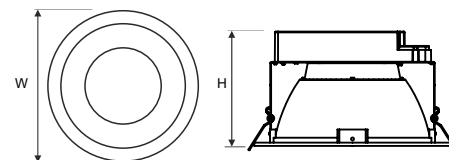
3 year
warranty



LUGSTAR LB LED recessed



Wieland and
emergency kit
available



conventional
technology



IP20 STANDARD

2x18W	300031.00001	16	18	70	2300	1900	3000	>80	240 140	215	0,7
2x18W	300031.00002	16	18	70	2300	1900	4000	>80	240 140	215	0,7
2x26W	300031.00003	22	24	70	3000	2500	3000	>80	240 140	215	0,7
2x26W	300031.00004	22	24	70	3000	2500	4000	>80	240 140	215	0,7

IP20/44 STANDARD

2x18W	300031.00005	16	18	70	2300	1900	3000	>80	240 140	215	0,7
2x18W	300031.00006	16	18	70	2300	1900	4000	>80	240 140	215	0,7
2x26W	300031.00007	22	24	70	3000	2500	3000	>80	240 140	215	0,7
2x26W	300031.00008	22	24	70	3000	2500	4000	>80	240 140	215	0,7

1) Luminous flux tolerance +/- 10%.

Lighting beam, light intensity distribution and light efficiency were examined in accordance with the EN ISO 17025:2005 norm for EN13032 norm series and the LM-79 norm.

DESCRIPTION:

decorative downlight luminaire for suspended ceilings, degree of water and dust-proof IP20 and IP44, for LED light sources, UGR<19

TECHNICAL DATA

Body: aluminum

Colour: white

Way of mounting: in the ceiling with mounting brackets (included)

ELECTRICAL DATA

Type of equipment: LED driver

Including light source: yes

OPTICAL DATA

Reflector: aluminum, mat, faceted

Beam angle: 70°

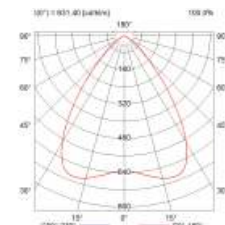
UGR: <19

ADDITIONAL INFO

Lifetime: 50 000 h / L70B50

Operating temperature range: 0-25°C

Application: shop sales halls, chopping centers, museums, galleries, exhibitions, expositions, offices, hotels, conference centers, public utility buildings



2x26W

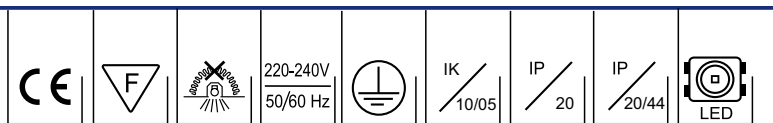
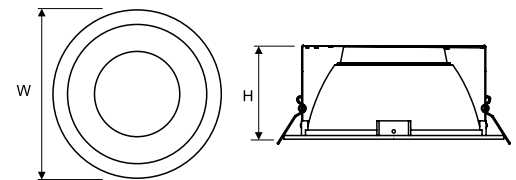
conventional
technology

40
lm/W

104
lm/W

LED
high efficacy

LUGSTAR LB LED DALI recessed



conventional technology	CODE	W	W	α	lm ¹⁾	lm ¹⁾	CCT K	Ra/CRI	mm	WH	mm	kg
IP20												
2x18W	300031.00033	16	20	70	2300	1900	3000	>80	240	105	215	0,7
2x18W	300031.00034	16	20	70	2300	1900	4000	>80	240	105	215	0,7
2x26W	300031.00035	22	26	70	3000	2500	3000	>80	240	105	215	0,7
2x26W	300031.00036	22	26	70	3000	2500	4000	>80	240	105	215	0,7
IP20/44												
2x18W	300031.00037	16	20	70	2300	1900	3000	>80	240	105	215	0,7
2x18W	300031.00038	16	20	70	2300	1900	4000	>80	240	105	215	0,7
2x26W	300031.00039	22	26	70	3000	2500	3000	>80	240	105	215	0,7
2x26W	300031.00040	22	26	70	3000	2500	4000	>80	240	105	215	0,7

1) Luminous flux tolerance +/- 10%.
Lighting beam, light intensity distribution and light efficiency were examined in accordance with the EN ISO 17025:2005 norm for EN13032 norm series and the LM-79 norm.

DESCRIPTION:
decorative downlight luminaire for suspended ceilings, degree of water and dust-proof IP20 and IP44, for LED light sources, UGR<19

TECHNICAL DATA
Body: aluminum
Colour: white
Way of mounting: in the ceiling with mounting brackets (included)

ELECTRICAL DATA
Type of equipment: LED DALI driver
Including light source: yes

OPTICAL DATA
Way of lighting: direct
Optical system: rotationally symmetric
Reflector: aluminum, mat, faceted
Beam angle: 70°
UGR: <19

ADDITIONAL INFO
Lifetime: 50 000 h / L70B50
Operating temperature range: 0-45°C
Application: shop sales halls, chopping centers, museums, galleries, exhibitions, expositions, offices, hotels, conference centers, public utility buildings



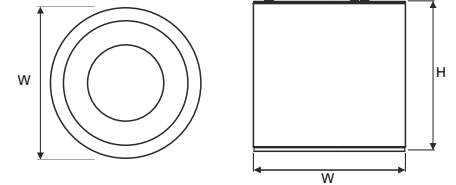
2x26W
conventional
technology

40
lm/W








104
lm/W

LED
high efficacy

LUGSTAR LB LED surface mounted



COMING
SOON

conventional technology	CODE	 W	 W		 lm ¹⁾	 lm ¹⁾	CCT K	Ra/CRI	 mm WH	 kg
2x18W	300031.00042	16	18	70	2300	1900	3000	>80	242 238	1,2
2x18W	300031.00043	16	18	70	2300	1900	4000	>80	242 238	1,2
2x26W	300031.00044	22	24	70	3000	2500	3000	>80	242 238	1,2
2x26W	300031.00045	22	24	70	3000	2500	4000	>80	242 238	1,2

¹⁾ Luminous flux tolerance +/- 10%.
Lighting beam, light intensity distribution and light efficiency were examined in accordance with the EN ISO 17025:2005 norm for EN13032 norm series and the LM-79 norm.

DESCRIPTION:

decorative surface mounted luminaire for LED light sources

TECHNICAL DATA

Body: steel sheet and aluminum

Colour: white

Way of mounting: directly on the ceiling

ELECTRICAL DATA

Type of equipment: LED driver

Including light source: yes

OPTICAL DATA

Way of lighting: direct

Optical system: rotationally symmetric

Relector: aluminum, mat, faceted

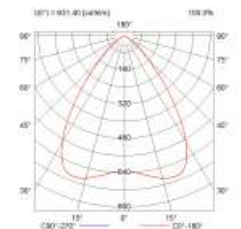
UGR: <19

ADDITIONAL INFO

Lifetime: 50 000 h / L70B50

Operating temperature range: 0-25°C

Application: shop sales halls, chopping centers, museums, galleries, exhibitions, expositions, offices, hotels, conference centers, public utility buildings



pallet
quantity

96

LED
high efficacy

104
lm/W

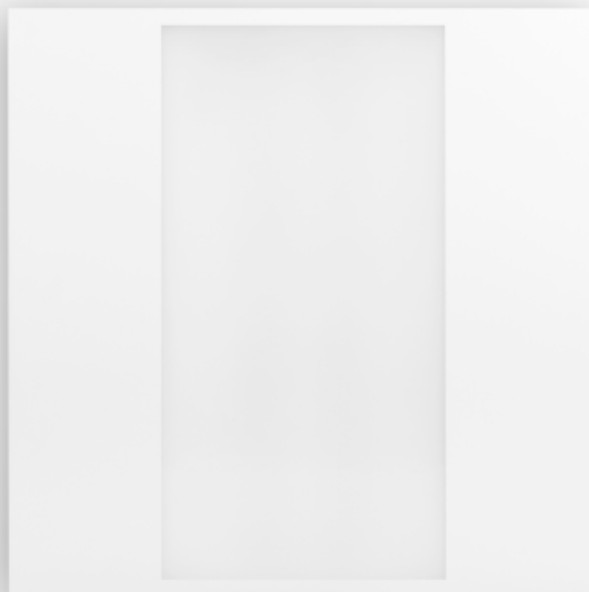
40
lm/W



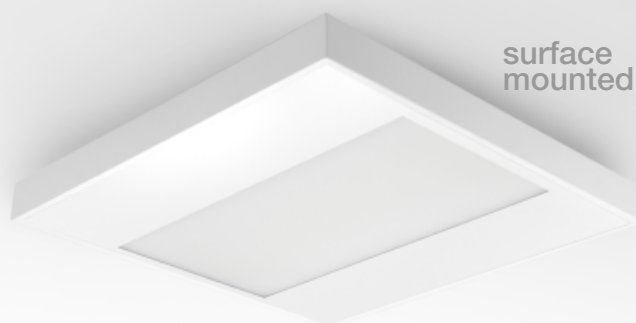
2x26W
conventional
technology



LUGCLASSIC ECO LB LED



recessed



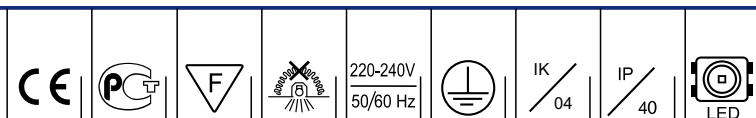
surface
mounted

- ✓ perfect for office and school applications
- ✓ up to 30% energy savings compared to the conventional technology
- ✓ toolless and quick installation

- ✓ universal and slim design
- ✓ alternatively: warm and cold white colour temperatures
- ✓ efficacy up to 100 lm/W



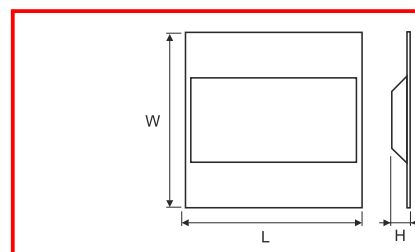
3 year
warranty



LUGCLASSIC ECO LB LED recessed



AVAILABLE
LUMINAIRE SIZE
625x625 mm



conventional technology	CODE	W	W	lm ¹⁾	lm ¹⁾	CCT K	Ra/CRI	mm LWH	kg
600x600									
3x14W	300061.00021	22	24	3150	2600	3000	>80	595 595 60	3,3
3x14W	300061.00001	22	24	3150	2600	4000	>80	595 595 60	3,3
4x18/14W	300061.00022	33	37	4500	3700	3000	>80	595 595 60	3,3
4x18/14W	300061.00002	33	37	4500	3700	4000	>80	595 595 60	3,3
600x600 EASY CONNECT									
3x14W	300061.00067	22	24	3150	2600	3000	>80	595 595 60	3,3
3x14W	300061.00068	22	24	3150	2600	4000	>80	595 595 60	3,3
4x18/14W	300061.00069	33	37	4500	3700	3000	>80	595 595 60	3,3
4x18/14W	300061.00070	33	37	4500	3700	4000	>80	595 595 60	3,3
600x600 DALI EASY CONNECT									
3x14W	300061.00041	22	24	3150	2600	3000	>80	595 595 60	3,3
3x14W	300061.00043	22	24	3150	2600	4000	>80	595 595 60	3,3
4x18/14W	300061.00044	33	37	4500	3700	3000	>80	595 595 60	3,3
4x18/14W	300061.00042	33	37	4500	3700	4000	>80	595 595 60	3,3
600x600 WIELAND									
3x14W	300061.00025	22	24	3150	2600	3000	>80	595 595 60	3,3
3x14W	300061.00005	22	24	3150	2600	4000	>80	595 595 60	3,3
4x18/14W	300061.00026	33	37	4500	3700	3000	>80	595 595 60	3,3
4x18/14W	300061.00006	33	37	4500	3700	4000	>80	595 595 60	3,3
600x600, emergency kit, 3h, light output in emergency mode 330 lm, EASY CONNECT									
3x14W	300061.00027B	22	29	3150	2600	3000	>80	595 595 60	4,0
3x14W	300061.00007B	22	29	3150	2600	4000	>80	595 595 60	4,0
4x18/14W	300061.00028B	33	39	4500	3700	3000	>80	595 595 60	4,0
4x18/14W	300061.00008B	33	39	4500	3700	4000	>80	595 595 60	4,0

1) Luminous flux tolerance +/- 10%.
Lighting beam, light intensity distribution and light efficiency were examined in accordance with the EN ISO 17025:2005 norm for EN13032 norm series and the LM-79 norm.

DESCRIPTION:
modern recessed luminaire for modular suspended ceilings for LED light sources

TECHNICAL DATA

Body: powder-painted steel sheet

Colour: white

Way of mounting: directly in the ceiling construction

ELECTRICAL DATA

Type of equipment: LED driver

Including light source: yes

OPTICAL DATA

Way of lighting: direct

Diffuser: opal plexiglass diffuser (PLX)

ADDITIONAL INFO

Application: public utility buildings, offices, conference and computer rooms, corridors

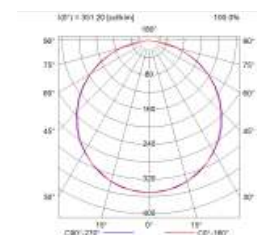
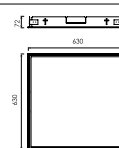
Accessories



150210.00605
mounting frame for
plasterboard ceilings



300061.00080
WIELAND Pluggable electro-installation
3-Pole Female Connector



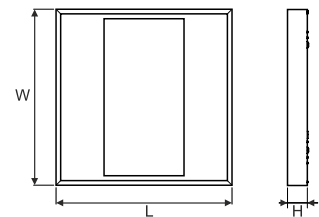
72
lm/W

100
lm/W

4x18W
conventional
technology

LED
high efficacy

LUGCLASSIC
ECO LB LED surface mounted



NEW

conventional technology	CODE	W	W	lm ¹⁾	lm ¹⁾	CCT K	Ra/CRI	mm LWH	kg
STANDARD									
3x14W	300061.00062	22	24	3150	2600	3000	80	626 626 70	5,7
3x14W	300061.00063	22	24	3150	2600	4000	80	626 626 70	5,7
4x18/14W	300061.00064	33	37	4500	3700	3000	80	626 626 70	5,7
4x18/14W	300061.00065	33	37	4500	3700	4000	80	626 626 70	5,7
DALI									
3x14W	300061.00071	22	24	3150	2600	3000	80	626 626 70	5,7
3x14W	300061.00072	22	24	3150	2600	4000	80	626 626 70	5,7
4x18/14W	300061.00073	33	37	4500	3700	3000	80	626 626 70	5,7
4x18/14W	300061.00074	33	37	4500	3700	4000	80	626 626 70	5,7
Emergency kit, 3h, light output in emergency mode 330 lm									
3x14W	300061.00075B	22	29	3150	2600	3000	80	626 626 70	6,7
3x14W	300061.00076B	22	29	3150	2600	4000	80	626 626 70	6,7
4x18/14W	300061.00077B	33	39	4500	3700	3000	80	626 626 70	6,7
4x18/14W	300061.00078B	33	39	4500	3700	4000	80	626 626 70	6,7

¹⁾ Luminous flux tolerance +/- 10%.

Lighting beam, light intensity distribution and light efficiency were examined in accordance with the EN ISO 17025:2005 norm for EN13032 norm series and the LM-79 norm.

DESCRIPTION:
modern surface mounted luminaire for LED light sources

TECHNICAL DATA

Body: powder-painted steel sheet

Colour: RAL 9003 mat

Way of mounting: directly on the ceiling

ELECTRICAL DATA

Type of equipment: LED driver

Including light source: yes

OPTICAL DATA

Way of lighting: direct

Louver / diffuser: opal plexiglass diffuser (PLX)

ADDITIONAL INFO

Lifetime: 50 000 h / L70B50

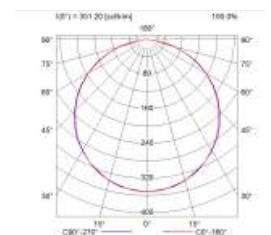
Operating temperature range: 0-35°C

Application: public utility buildings, offices, conference and computer rooms, corridors

Accessories



150180.00700
Disassembly suction cup



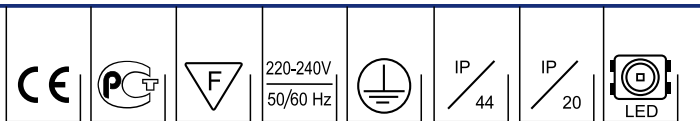
72
lm/W

100
lm/W

4x18W

conventional
technology

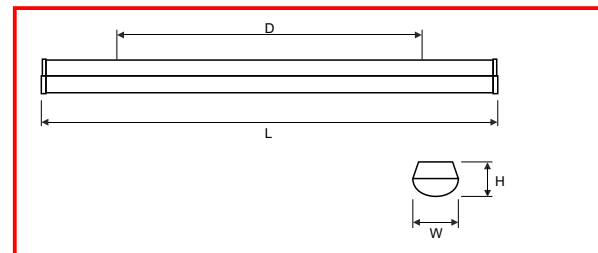
LED
high efficacy



RAYLUX LB LED



COMING
SOON



conventional technology	CODE	W	W	lm	lm	CCT K	Ra/CRI	mm	LWHD	kg
IP20										
2x36W	300091.00034	32	35	4600	4050	4000	>80	1235 95 72 800	2,3	
2x58W	300091.00035	47	51	7100	5900	4000	>80	1235 95 72 800	2,3	
IP44										
2x36W	300091.00036	32	35	4600	4050	4000	>80	1235 95 72 800	2,3	
2x58W	300091.00037	47	51	7100	5900	4000	>80	1235 95 72 800	2,3	

1) Luminous flux tolerance +/- 10%.
Lighting beam, light intensity distribution and light efficiency were examined in accordance with the EN ISO 17025:2005 norm for EN13032 norm series and the LM-79 norm.

DESCRIPTION:

modern surface mounted luminaire for LED light sources

TECHNICAL DATA

Body: powder-painted steel sheet

Colour: gray

Type of diffuser: opal PC

Way of mounting: surface mounted or on wire suspension (included)

ELECTRICAL DATA

Type of equipment: LED driver

Including light source: yes

OPTICAL DATA

Way of lighting: direct

ADDITIONAL INFO

Lifetime: 50 000 h / L70B50

Operating temperature range: 0-35°C

Additionally available: emergency kit LED

Application: offices, conference rooms, classrooms, shops, corridors

opal diffuser



LED
high efficacy

116
lm/W

46
lm/W

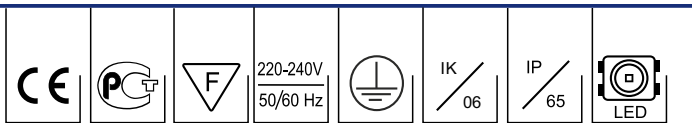
2x58W
conventional
technology



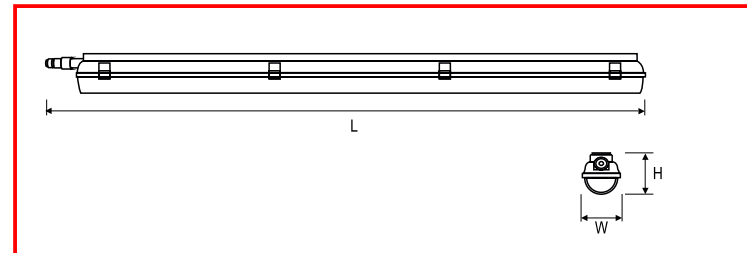
- ✓ over 50% energy savings compared to the conventional technology
- ✓ quick and easy installation
- ✓ water-jet protected
- ✓ efficacy up to 123 lm/W!
- ✓ efficiency > 90%
- ✓ operating temperature range: from -20°C to 35°C
- ✓ return on investment < 2 years



3 year
warranty



ATLANTYK LB LED GEN.2



conventional technology	CODE	W	W	lm ¹⁾	lm ¹⁾	CCT K	Ra/CRI	mm	LWH	kg
	STANDARD									
2x36W	300090.00002	32	35	4900	4300	4000	>80	1340 134 99	1,7	
2x58W	300090.00004	47	51	7100	6300	4000	>80	1340 134 99	1,7	
	DALI									
2x36W	300090.00015	32	35	4900	4300	4000	>80	1370 134 99	1,7	
2x58W	300090.00017	47	51	7100	6300	4000	>80	1370 134 99	1,7	
	STANDARD + TW5x2,5 mm²									
2x36W	300090.00006	32	35	4900	4300	4000	>80	1460 134 99	1,8	
2x58W	300090.00008	47	51	7100	6300	4000	>80	1460 134 99	1,8	

1) Luminous flux tolerance +/- 10%.
Lighting beam, light intensity distribution and light efficiency were examined in accordance with the EN ISO 17025:2005 norm for EN13032 norm series and the LM-79 norm.

DESCRIPTION:

hermetic LED luminaire, water-jet protected,
dedicated to use in industrial environments

TECHNICAL DATA

Body: polycarbonate

Type of difuser: opal polycarbonate

Additional elements: stainless steel clips

Colour: gray

Way of mounting: directly on the ceiling or suspended using hooks (included)

ELECTRICAL DATA

Type of equipment: LED driver

Including light source: yes

ADDITIONAL INFO

Lifetime: 50 000 h / L70B50

Operating temperature range: -20°C ÷ +35°C

Application: parking lots, outdoor roofings, production halls, power plants

Accessories



150020.00695
Through wiring luminaire
(STANDARD + TW5x2,5 mm²)
line end cap



2x36W

conventional
technology

56
lm/W

123
lm/W

LED
high efficacy

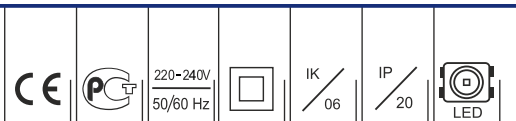
TINO LB LED



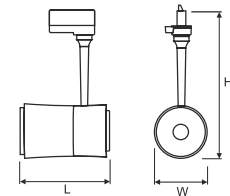
- ✓ modern design
- ✓ no UV radiation
- ✓ no IR radiation
- ✓ up to 25% energy savings
- ✓ alternatively: warm and cold white colour temperatures



3 year
warranty



TINO LB LED



CODE	W	W	α	lm ¹⁾	lm ¹⁾	CCT K	Ra/CRI	mm LWH	kg
300021.00001	26	26	20°	2000	1550	3000	>80	145 88 200	1,0
300021.00002	25	25	20°	2000	1550	4000	>80	145 88 200	1,0
300021.00003	26	26	40°	2000	1550	3000	>80	145 88 200	1,0
300021.00004	25	25	40°	2000	1550	4000	>80	145 88 200	1,0

1) Luminous flux tolerance +/- 10%.
Lighting beam, light intensity distribution and light efficiency were examined in accordance with the EN ISO 17025:2005 norm for EN13032 norm series and the LM-79 norm.

DESCRIPTION:

modern, interior spotlight equipped with LED light sources, available in two colour temperatures, adjusted for direct connection to 3-phase track luminaire with built-in driver

TECHNICAL DATA

Body: high pressure die-cast aluminium

Colour: white

Way of mounting: in 3-phase track

ELECTRICAL DATA

Type of equipment: LED driver

Including light source: yes

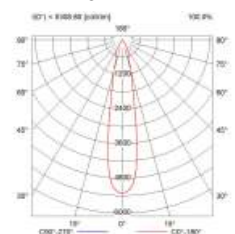
OPTICAL DATA

Beam angle: 20°, 40°

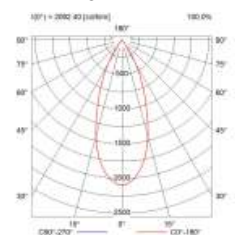
ADDITIONAL INFO

Application: sales rooms: boutiques, galleries, shopping malls, car showrooms, museums, lighting of various vertical surfaces such as shelves, expositions, displays

Beam angle 20°



Beam angle 40°



35W

conventional
technology

52
lm/W

62
lm/W

LED
high efficacy



room size: 12x10x3 m
 operating time: 12h/day, 300 days /year
 energy price: 0,15 EURO/kWh

	standard downlight 2x26W HF	LUGSTAR LB LED 3000 lm
luminaire quantity	32	30
average light intensity [lx]	>500	>500
UGR	>28	<=19
light source type	TC-DeI	LED
light source flux [lm]	2x1800	3 000
luminaire flux [lm]	2 606	2 500
power consumption - luminaire [W]	54	24
total power consumption [W]	1728	720
total power use [kWh]	6221	2592
energy cost year [€]	933,12	388,80

annual savings


 58 %


 545 €



LUGSTAR LB LED



room size: 12x10x3 m
 operating time: 12h/day, 300 days /year
 energy price: 0,15 EURO/kWh

	standard raster luminaire 4x14W HF	LUGCLASSIC ECO LB LED 4500 lm
luminaire quantity	24	24
average light intensity [lx]	>500	>500
uniformity	0,48	0,52
light source type	TL5	LED
light source flux [lm]	4x1200	4 500
luminaire flux [lm]	3 200	3 700
power consumption - luminaire [W]	65	37
total power consumption [W]	1560	888
total power use [kWh]	5616	3197
energy cost year [€]	843,00	480,00

annual savings


 43 %


 363 €



LUGCLASSIC ECO LB LED



room size: 15x10x4 m
operating time: 12h/day, 350 days /year
energy price: 0,15 EURO/kWh

	standard hermetic luminaire 2x58W HF	ATLANTYK LB LED 7100 lm
luminaire quantity	12	12
average light intensity [lx]	>300	>300
uniformity	0,57	0,6
light source type	TL8	LED
light source flux [lm]	2x5000	6 900
luminaire flux [lm]	6 263	6 200
power consumption - luminaire [W]	110	51
total power consumption [W]	1320	612
total power use [kWh]	5544	2570
energy cost year [€]	832,00	386,00

annual savings


54 %


446 €



ATLANTYK LB LED GEN.2



operating time: 12h/day, 350 days /year
energy price: 0,15 EURO/kWh

	standard luminaire spotlight 35W MH HF	TINO LB LED 2000 lm
luminaire quantity	30	30
light source type	HIT-CE	LED
light source flux [lm]	3 700	2 000
luminaire flux [lm]	2 442	1 550
power consumption - luminaire [W]	43	25
total power consumption [W]	1290	750
total power use [kWh]	5418	3150
energy cost year [€]	813,00	473,00

annual savings


42 %


340 €



TINO LB LED



- ✓ the highest quality
- ✓ modern design
- ✓ direct replacement for traditional lighting systems

- ✓ energy saving
- ✓ lower operating costs
- ✓ fast and easy mounting
- ✓ unbeatable price



LUG Light Factory Ltd.
ul. Gorzowska 11, 65-127 Zielona Góra, POLAND
tel. + 48 68 45 33 200, fax + 48 68 45 33 201
e-mail: export@lug.com.pl
www.lugledbox.com