Alpha® Lighting

Your way of savings in the future

ECOLED ALPHA PREMIUM
INDUSTRIAL LED LUMINAIRE

5 YEARS GUARANTEED AVAILABILITY OF SPARE PARTS
5 YEARS
WARRANTY

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ECOLED ALPHA PREMIUM

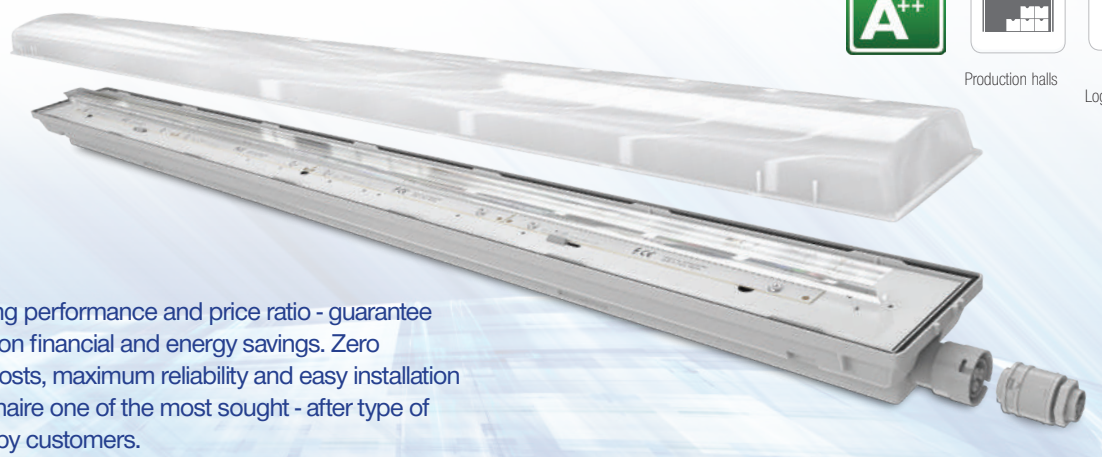
Industrial LED luminaire

The most powerful LED luminaire IP65 for industrial area

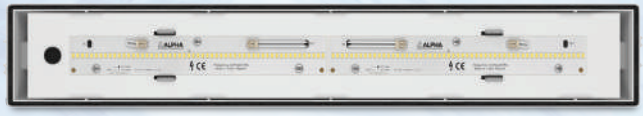
Energy A++

Production halls

Logistic areas and warehouses



Excellent lighting performance and price ratio - guarantee of rapid return on financial and energy savings. Zero maintenance costs, maximum reliability and easy installation make this luminaire one of the most sought - after type of LED luminaire by customers.



MADE IN EUROPEAN UNION · CE · 100% PREMIUM QUALITY

ECO FRIENDLY PRODUCT

ECOLED ALPHA PREMIUM industrial LED luminaire with its design simplicity, reliability and exceptional luminous efficacy up to 170 lm/W is a perfect LED luminaire for new lighting systems and reconstructions of existing lighting systems. Combined with excellent optics, it is the ideal luminaire for warehouses and logistics areas with installation height up to 13 m.

Reliability and trust of customers in this luminaire is also confirmed by the fact, that more than 40,000 units were installed on the largest projects in the Czech Republic and in the Slovak Republic within a one-year period.

Excellent luminous efficacy and price ratio is the main guarantee of the rapid return on investment and energy savings. Zero maintenance costs, maximum reliability and simple installation make this luminaire one of the most sought - after type of LED luminaire by customers.

PRODUCT LINES:

ECOLED ALPHA PREMIUM

Application: production halls, large-capacity logistics areas, food industry (HACCP).

ECOLED ALPHA PREMIUM WRH

Application: production halls, warehouses with installation height up to 13 m.

ECOLED ALPHA PREMIUM/NZ

– combined emergency lighting luminaires

Application: Central Battery Systems (CBS) and autonomous emergency power supplies.

ECOLED ALPHA PREMIUM/B

– busbar system

Application: moulding system up to 25A-40A with luminaire connection using the **JUST ONE CLICK** system.

ADVANTAGES

- Quality MADE IN CZECH.
- Optical luminaire system ensures high quality illumination with a low flare level.
- Unbeatable performance - price - energy savings ratio.
- Absolutely highest luminous flux of the luminaire up to 170 lm/W.
- Maximum reliability.
- Excellent references from many large projects - more than 40,000 units have been installed within a one-year period.
- Use in ambient temperatures up to + 45 ° C.
- **5-year guarantee plus 5-year guarantee of replacement parts availability komponentů.**

TECHNICAL ADVANTAGES:

- Excellent emergency lighting solution with combined luminaires.
- A ++ energy class.
- Simple and fast installation, maintenance-free operation, low weight.
- Special optical system for rack warehouses with installation height up to 13 m.
- Connecting the luminaire by the PLUG - IN connectors.
- UV stable.
- Economical and cost-effective lighting system in combination with an aluminium self-supporting busbar system.
- Excellent 93% opal diffuser efficiency.
- Special opal diffuser design to prevent flare.
- Maximum resistance to external influences and temperature changes.
- Simple interchangeability of PCB modules and LED ballasts.

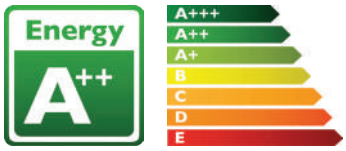
APPLICATION POSSIBILITIES:

Production and industrial halls

Warehouses and Logistics Areas

Sports facilities

BASIC TECHNICAL PARAMETERS



Basic technical parameters ECOLED ALPHA PCB – CCT 4000 K

Type	Total power input of the luminaire (W)	Luminous flux of the luminaire (lm)	Luminous efficacy of the luminaire (lm/W)	Power factor %	IP Rating	Dimension (mm)
ECOLED ALPHA 60 PREMIUM H 4750/840/28/60	28	4750	170	0,92	IP 65/66	669x90x95
ECOLED ALPHA 120 PREMIUM L 6500/840/39/120	39	6500	167	0,96	IP 65/66	1277x116x99
ECOLED ALPHA 120 PREMIUM H 8900/840/52/120	52	8900	171	0,97	IP 65/66	1277x116x99
ECOLED ALPHA 150 PREMIUM L 8200/840/50/150	50	8200	164	0,97	IP 65/66	1577x116x99
ECOLED ALPHA 150 PREMIUM H 11500/840/67/150	67	11500	172	0,97	IP 65/66	1577x116x99

Basic technical parameters ECOLED ALPHA PCB – CCT 5000 K

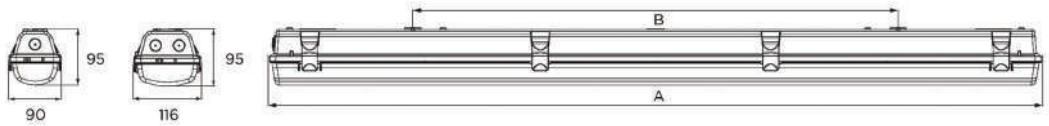
Type	Total power input of the luminaire (W)	Luminous flux of the luminaire (lm)	Luminous efficacy of the luminaire (lm/W)	Power factor %	IP Rating	Dimension (mm)
ECOLED ALPHA 60 PREMIUM H 4800/850/28/60	28	4800	172	0,92	IP 65/66	669x90x95
ECOLED ALPHA 120 PREMIUM L 6600/850/39/120	39	6600	169	0,96	IP 65/66	1277x116x99
ECOLED ALPHA 120 PREMIUM H 9000/850/52/120	52	9000	173	0,97	IP 65/66	1277x116x99
ECOLED ALPHA 150 PREMIUM L 8300/850/50/150	50	8300	166	0,97	IP 65/66	1577x116x99
ECOLED ALPHA 150 PREMIUM H 11700/850/67/150	67	11700	175	0,97	IP 65/66	1577x116x99

Basic technical parameters ECOLED ALPHA PREMIUM emergency and combined luminaires

Type	Luminous flux of the luminaire in the emergency mode
ECOLED ALPHA 120 PREMIUM L 6500/850/39/120	1400 lm
ECOLED ALPHA 120 PREMIUM H 8900/850/52/120	1400 lm
ECOLED ALPHA 150 PREMIUM L 8200/850/50/150	1400 lm
ECOLED ALPHA 150 PREMIUM H 11500/850/67/150	1400 lm
Nouzové svítidlo	
ECOLED ALPHA 60 PREMIUM/NZ	1400 lm

DIMENSIONS:

669 x 90 x 95 / 1277 x 116 x 99 / 1577 x 116 x 99



OPTIONAL ACCESSORIES:

- Version with DALI digital dimmable ballast.
- CBS Emergency address module (Central Battery System).
- Autonomous emergency module 1H.
- One-phase connection wiring for gradual installation.
- Three-phase connection wiring for gradual installation.
- STUCCHI and ADELS connector systems.

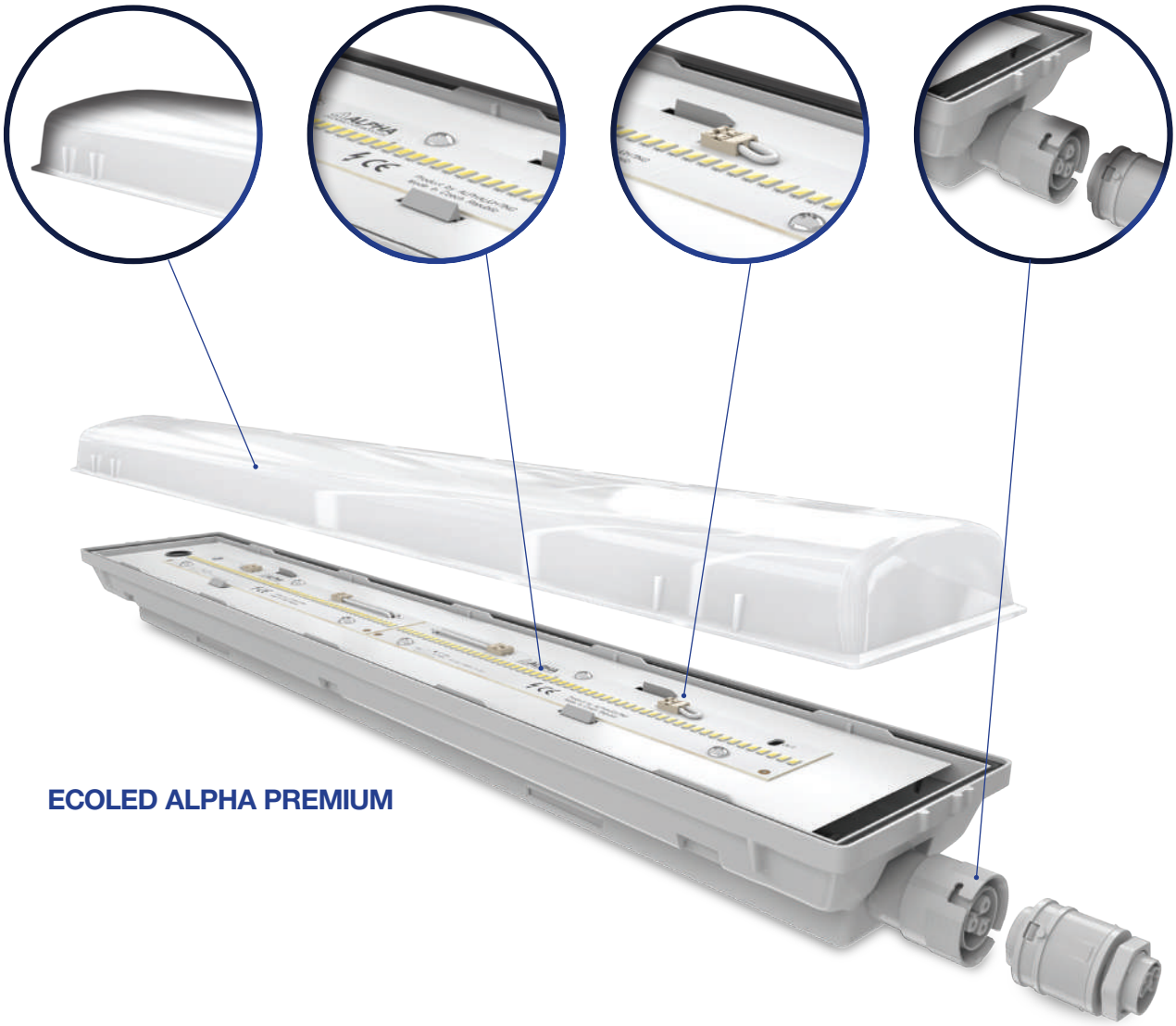
LUMINAIRE DETAILS:

Special optical diffuser preventing glare with high efficiency up to 93%.

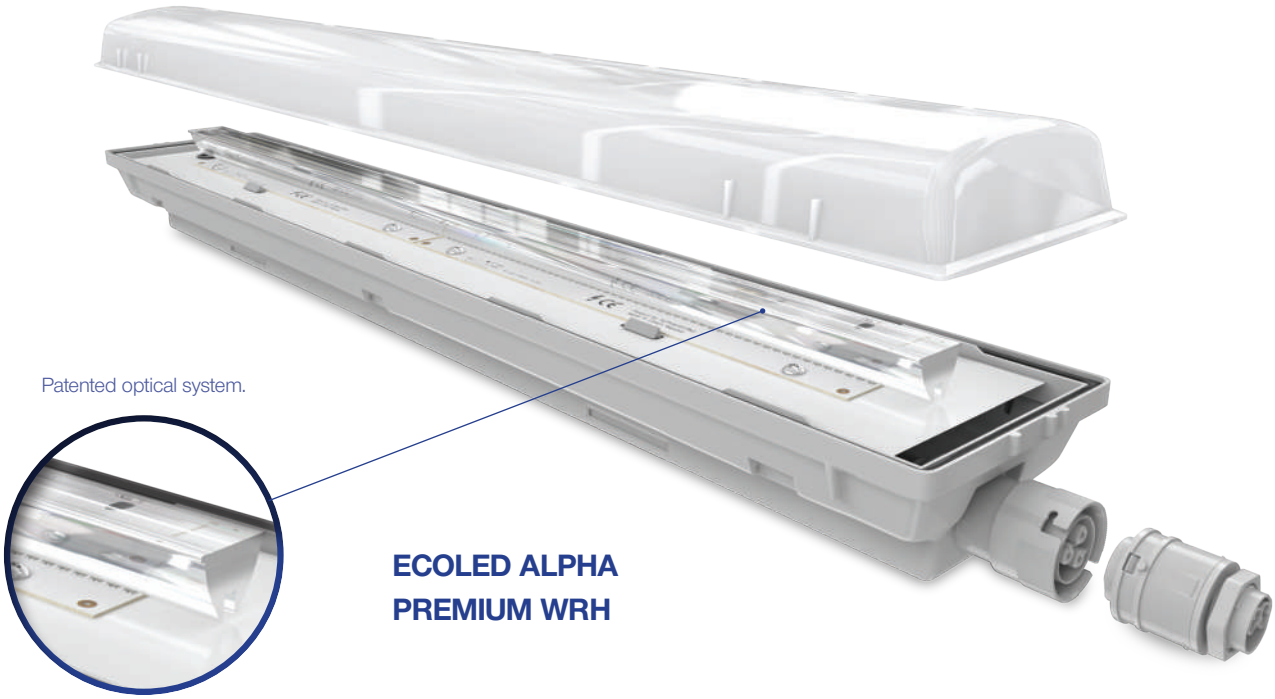
PCB modules ALPHA PCB DUOMO MODULES with luminous efficacy up to 180 lm/W.

WAGO connectors - fast PCB module interchangeability.

PLUG-IN connector system.



ECOLED ALPHA PREMIUM



Patented optical system.

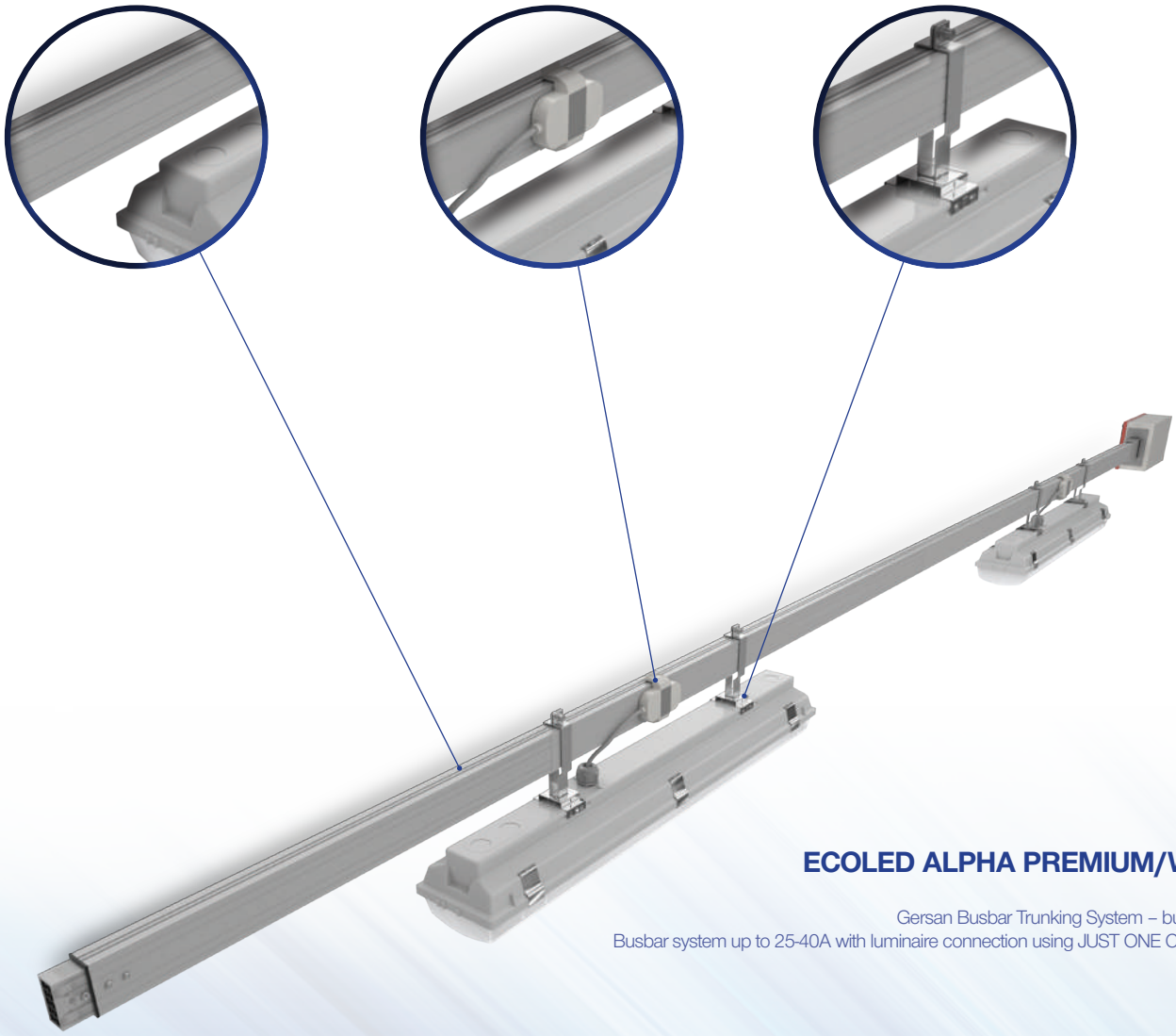
ECOLED ALPHA PREMIUM WRH

BASIC TECHNICAL PARAMETERS:

Self-supporting aluminium construction with wires.

Variable luminaire connection using JUST ONE CLICK connector system.

Fixing the luminaire with ONE CLIP EASY

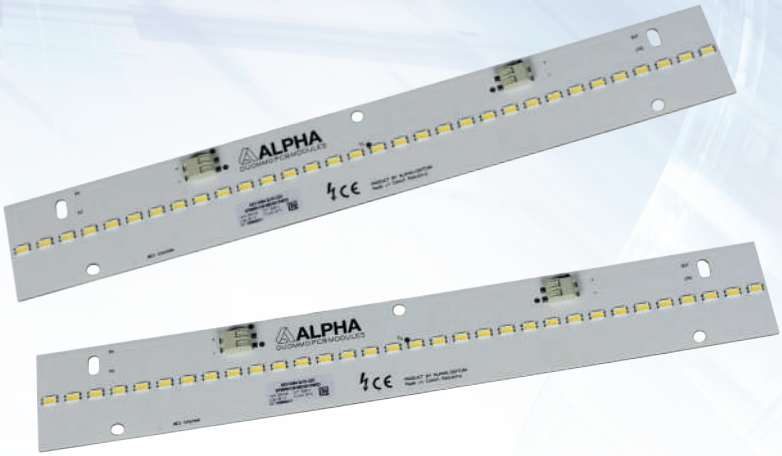


ECOLED ALPHA PREMIUM/WRH/B

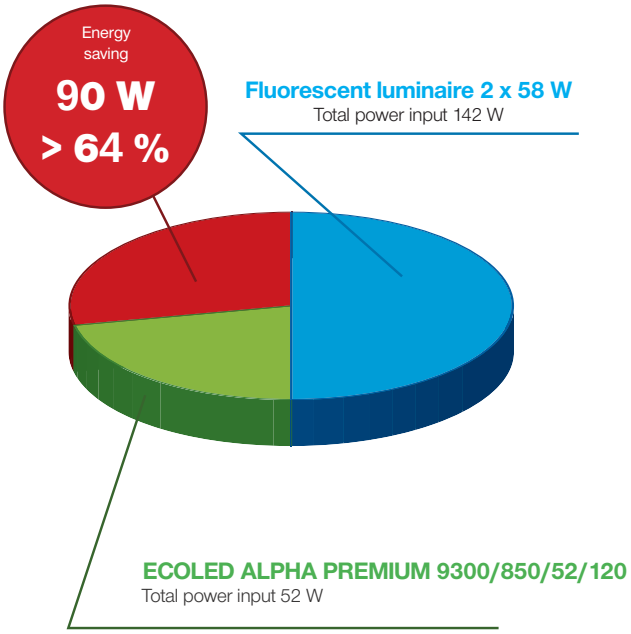
Gersan Busbar Trunking System – busbar system.
Busbar system up to 25-40A with luminaire connection using JUST ONE CLICK system.

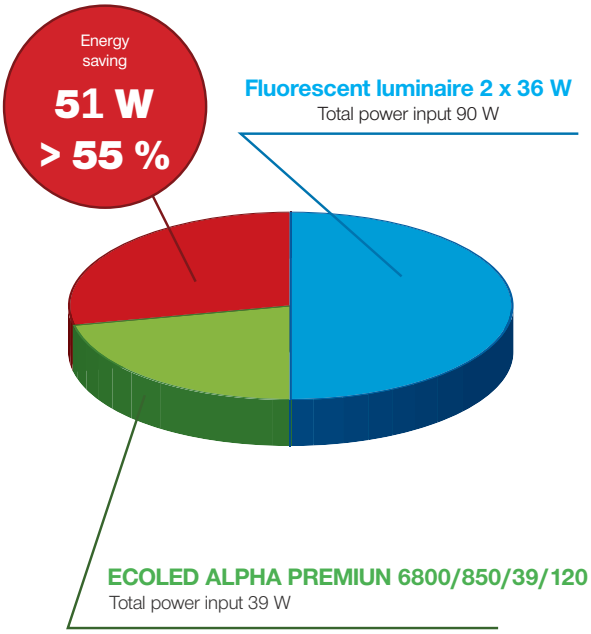
ALPHA
DUOMMO PCB MODULES

The main light sources of the ECOLED ALPHA PREMIUM LED luminaire are ALPHA PREMIUM DUOMMO MODULES modules. (DEVELOPED AND PRODUCED BY ALPHALIGHTING®)



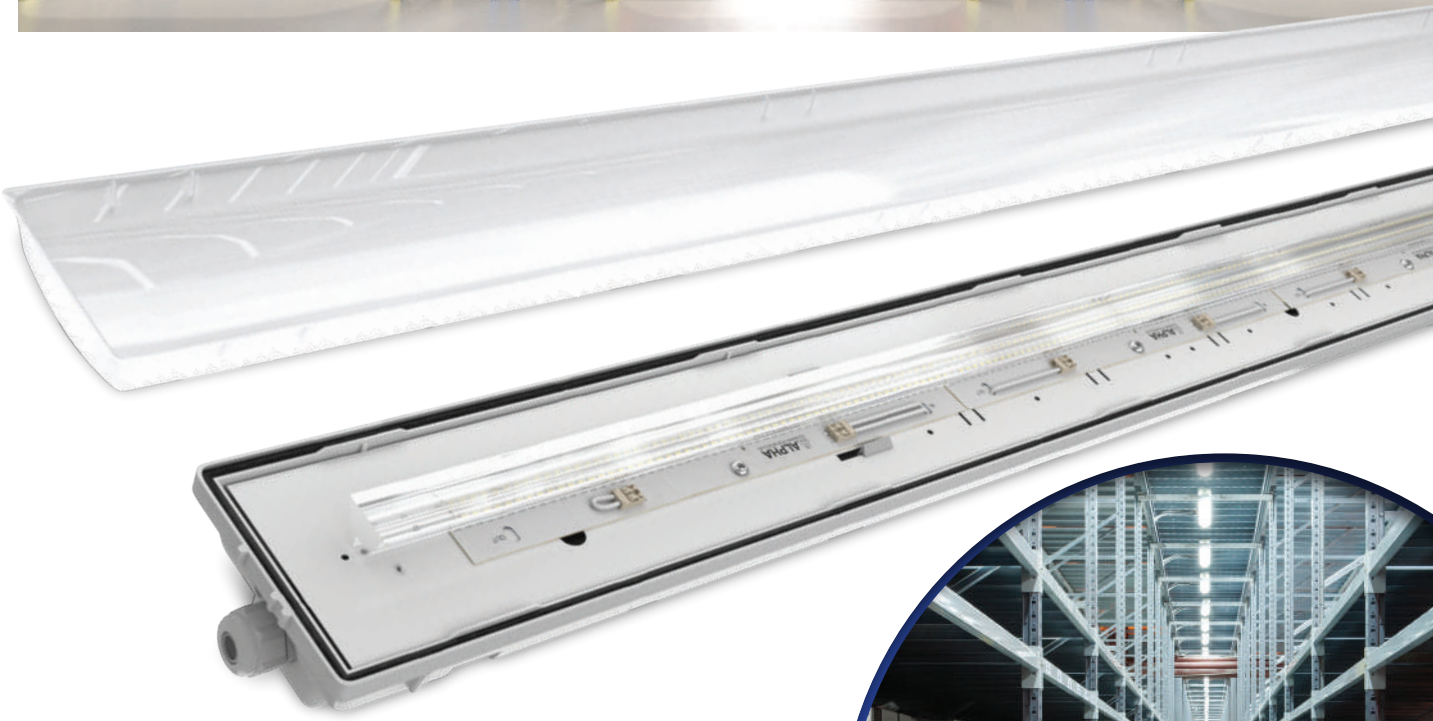
PARAMETER COMPARISON OF ENERGY EFFICIENCY:





ECOLED ALPHA PREMIUM WRH

- Specially developed for warehouses and logistics centres.
- Optical system ensures maximum illumination of floor surfaces and racks in storey warehouse systems.
- Possibility to operate in LUXOMAT® presence sensor system and control in DALI® system.
- Special optic cover prevents glare from warehouse operators.



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