



When a **light** turns into your **best tool**

REFLECTA 

The **NEXT GENERATION**
of **REFLECTA[®]** industrial
lighting is **HERE!**



92%*

* Potential savings with
REFLECTA[®] LED lighting solutions.

NEW TECHNOLOGY | HIGHER EFFICIENCY | MORE SAVINGS
www.reflectaled.com

BENEFITS
SAVINGS
PRO^{LED} SERIES
OVA^{LED} SERIES
INTELLIGENT SYSTEMS



WARRANTY

The REFLECTA® Group provide up to 10 years' warranty on REFLECTA® lighting solutions.



EU MANUFACTURED

All REFLECTA® products are carefully designed and manufactured in the EU.

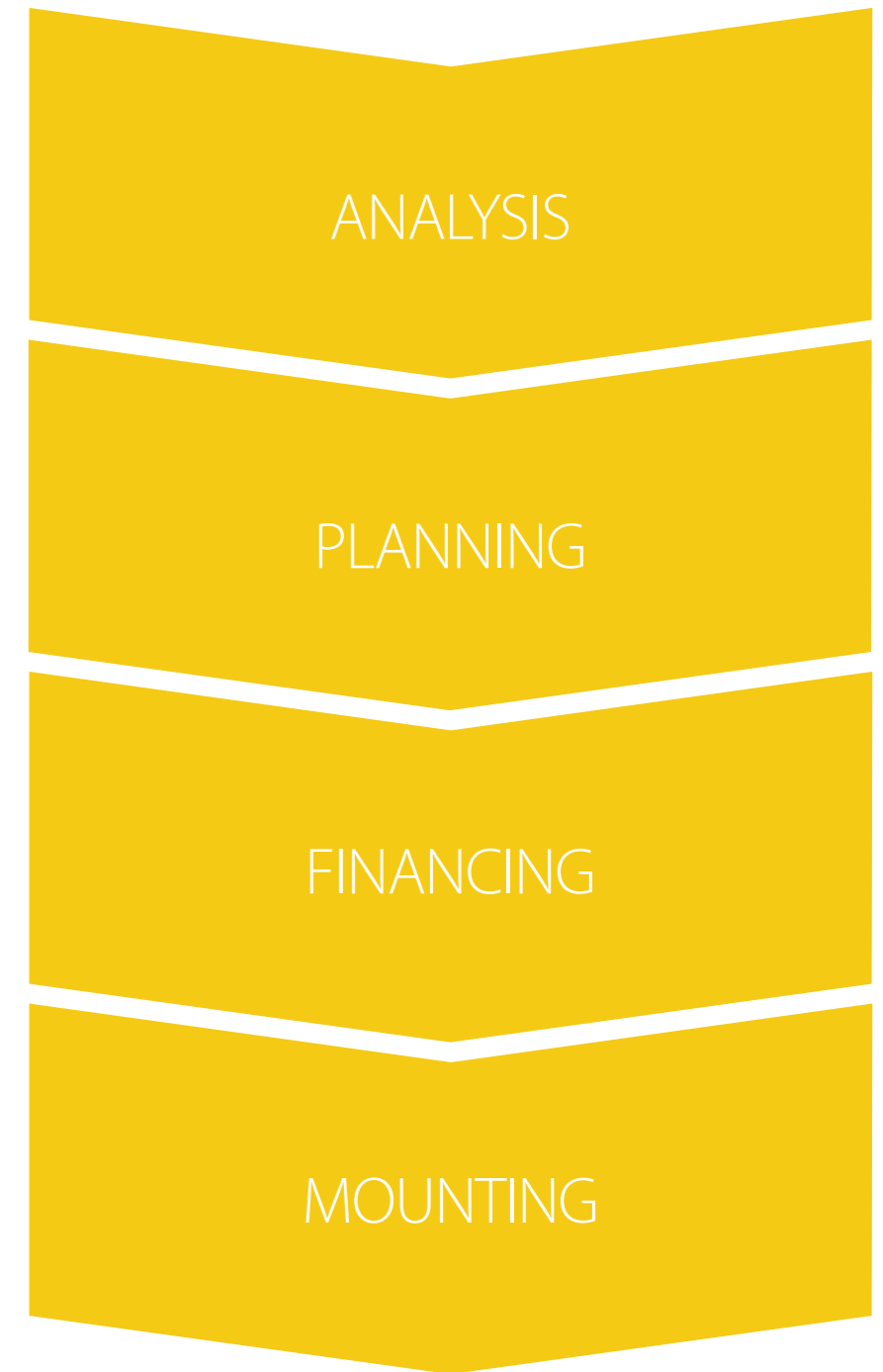
REFLECTA®. Don't just choose a light. SOLVE a problem!

ALL IN ONE PLACE

REFLECTA® integrates knowledge and experience in all fields of the lighting business.

Analysing the existing lighting situation, preparing an optimized 3D project with REFLECTA® LED lighting, and finding the appropriate financing option for your company are the first steps towards success – Energy Savings.

All this is carefully done by a team of REFLECTA® experts, who will help you find an optimal lighting solution for your needs. Once you decide to make the next step, our team of specialists will take care to implement a new REFLECTA® LED lighting system while your business process continues undisturbed.



CUSTOM MADE SOLUTIONS

Each lighting project is designed and adapted to the customer's needs. We are committed to finding optimal solutions for each customer, even in extraordinary circumstances.

ONLY EXCELLENCE IS GOOD ENOUGH!

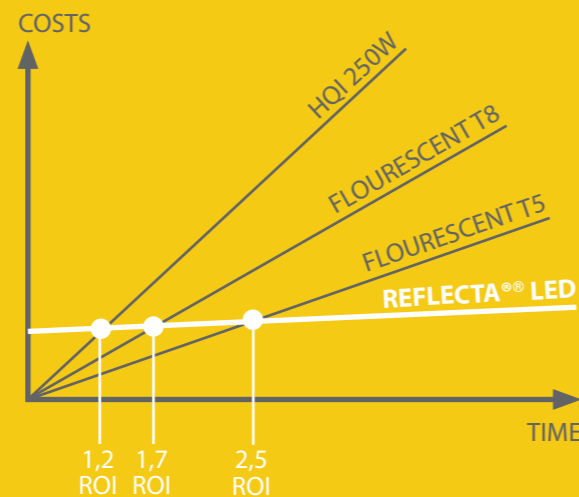
Superior added value distinguishes REFLECTA® systems and services from other competitors. We are aware that the road to excellence is always full of unpredictable situations, but we are happy to solve them as we move forward to achieve our mutual goals. A solution that satisfies our customer is the only thing that matters.

OVER 90% SAVINGS



An optimized REFLECTA® LED intelligent lighting system can deliver over 90% energy savings. Remarkable energy savings enable you to turn a former expense into pure profit. Every day you wait is a waste of money. Decide now, and start creating profit.

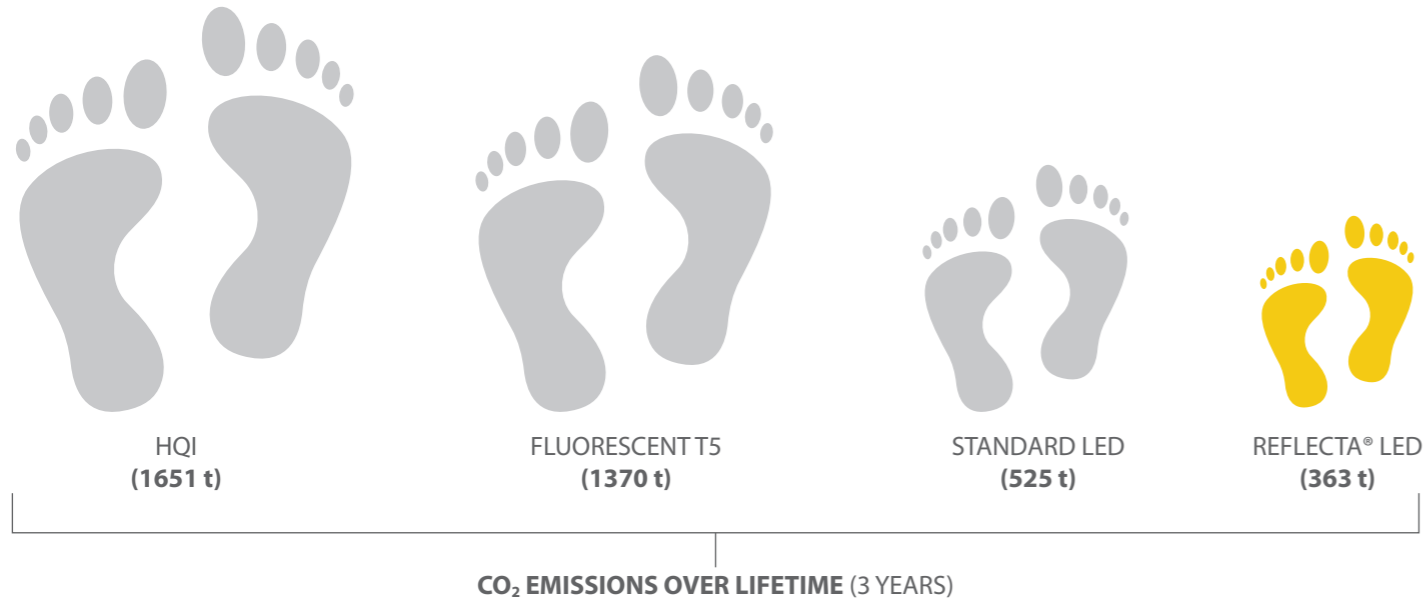
ROI IN LESS THAN 3 YEARS



Changing your existing lighting to a new REFLECTA® LED lighting system could be one of the most profitable business decisions you ever take. An investment in a REFLECTA® LED intelligent lighting system has an average of only 2.7 years' payback time, due to the significant cost reduction enabled.

IMPROVE YOUR CO₂ FOOTPRINT

Switching to a new energy efficient REFLECTA® LED lighting system has a positive impact on your company's carbon footprint. Moreover, by choosing a REFLECTA® lighting system you play an important role in the global commitment to the reduction of CO₂ emissions. **Illuminating together for a better world!**



NO MAINTENANCE COSTS

Due to the high quality of components integrated in a REFLECTA® LED intelligent lighting system, maintenance is a thing of the past. The reliability and durability of the products allow you to cut off the maintenance costs of your new lighting system.

SOFT, PLEASANT LIGHT – BETTER WORK QUALITY

We treat light as a tool. Due to the special REFLECTA® Optics solution, REFLECTA® deliver improved lighting levels and uniformity, quality colour rendering and a pleasant light perception. Having quality light creates a friendlier working environment with less worker fatigue and lower error rates.

CRI -60



CRI -70



CRI -80+



INVITE

our engineering and sales specialists to present REFLECTA® lighting solutions to you, and collect data about your existing lighting system.

RECIEVE

a detailed savings analysis and ROI calculation, including a 3D lighting project.

DECIDE

to invest in a turnkey REFLECTA® lighting solution.

START

SAVING after the specialised REFLECTA® installation team professionally instal the new lighting system.

4 steps to savings



TECHNOLOGY

- INDUSTRIAL LED DRIVER
- IP66 PROTECTION
- OPTIWHITE™ GLASS
- REFLECTA® OPTICS
- CREE CERAMIC BASED LEDs
- HIGH-TEMPERATURE RESISTANT

The REFLECTA® PRO LED solution is unique for its indirect illumination technology. Instead of using conventional lenses for light distribution, the product integrates the patented REFLECTA® Optics technology. The major benefit of this technology is that it improves the product's efficiency by minimizing light loss. The reflective surface is several times bigger compared to standard lighting solutions. Indirect illumination allows the creation of pleasantly soft light, eliminating the dangerous zebra-effect, multi shadowing and high glare.

DESIGN

- ALUMINUM BODY
- LIGHTWEIGHT
- THIN
- LINEAR
- INDUSTRIAL
- INNOVATIVE

The REFLECTA® PRO LED industrial light is carefully designed and EU manufactured using the highest quality materials and components. It is distinguished by sophisticated design, durability, superior efficiency, excellent light distribution and supremely long lifespan.



REFLECTA® optics

CREE ceramic-based mid-power LEDs

Optiwhite™ glass

Aluminium body

Industrial LED driver



VERSIONS

PRO LED:
Special Optiwhite tempered glass suitable for industrial environments.



PRO LED OP:
Version with special Opal tempered glass for a more diffused light.



PRO LED TP:
Version with high impact resistance PC (IK10) suitable for the food industry.

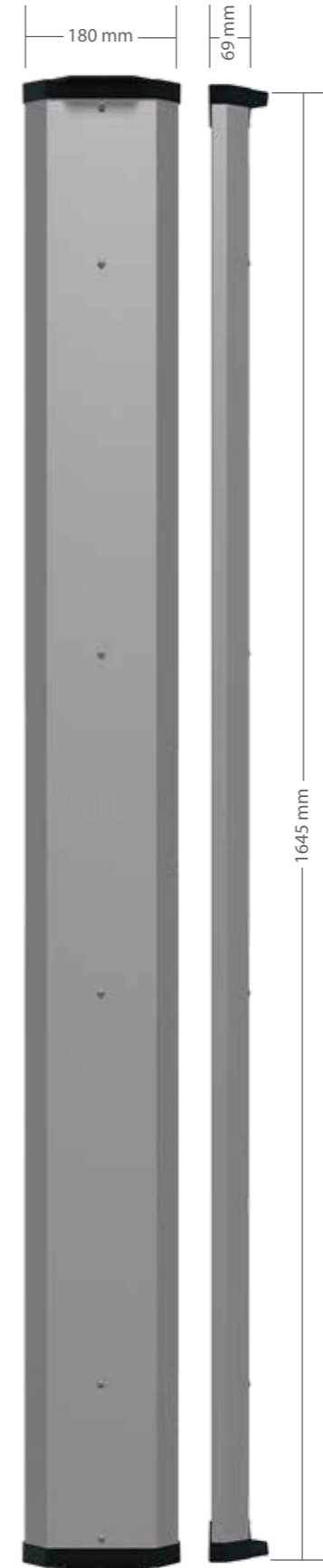


PRO LED SG:
Version with shatterproof safety glass.

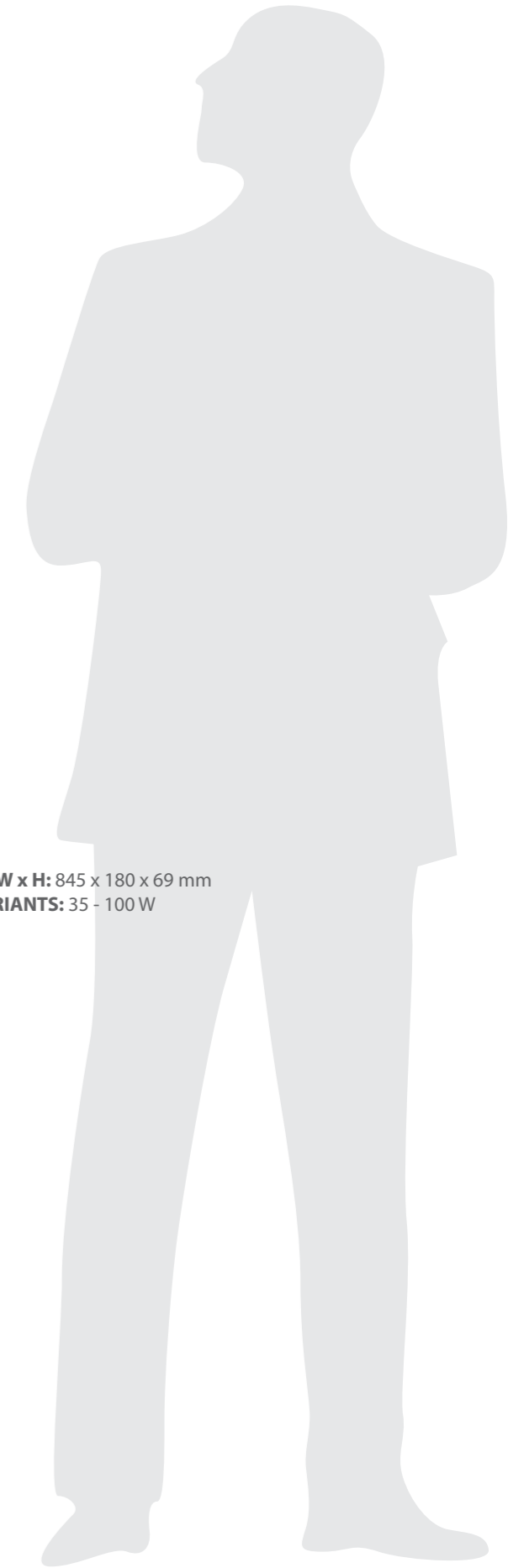
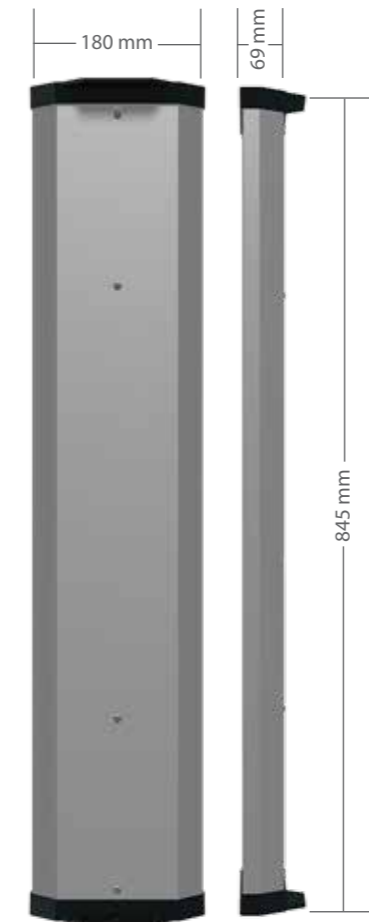


DIMENSIONS

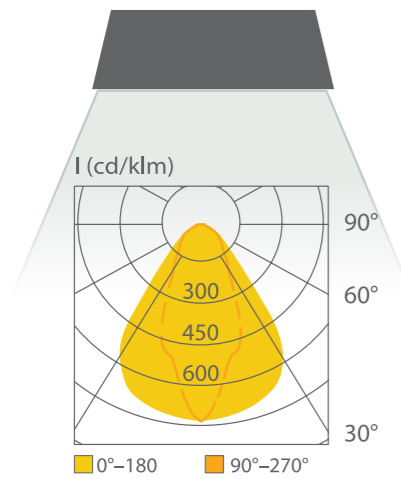
180 mm
69 mm
L x W x H: 1645 x 180 x 69 mm
VARIANTS: 105 - 200 W



180 mm
69 mm
L x W x H: 845 x 180 x 69 mm
VARIANTS: 35 - 100 W

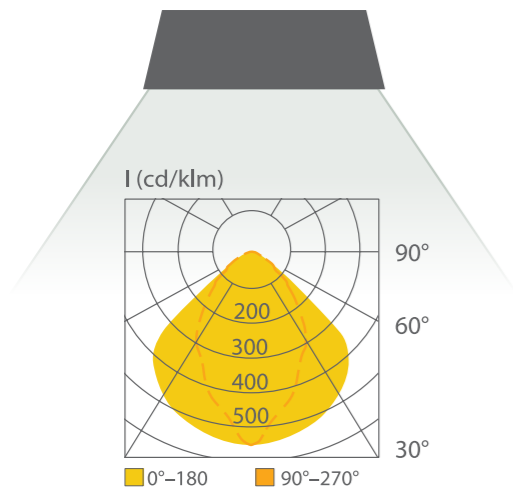


OPTICS



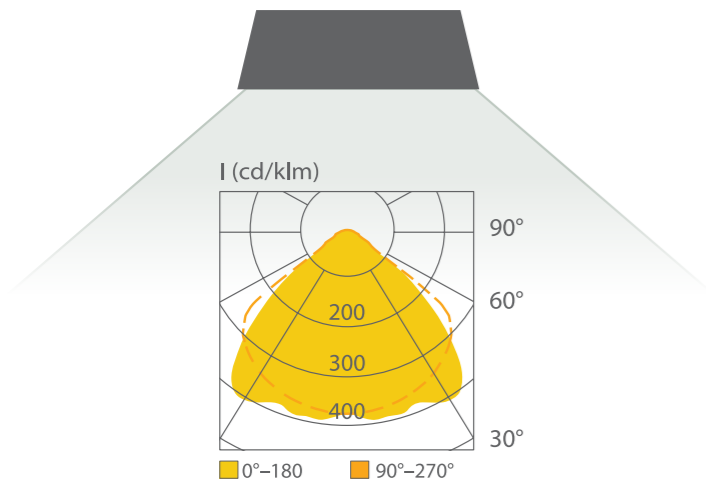
NB - NARROW BEAM

- Mounting height: **10-30+ m**
- Beam angle: **45°**
- Variants: **35-200 W**



MB - MEDIUM BEAM

- Mounting height: **5-10 m**
- Beam angle: **68°**
- Variants: **35-200 W**



WB - WIDE BEAM

- Mounting height: **2-5 m**
- Beam angle: **99°**
- Variants: **35-200 W**

MOUNTING OPTIONS

SUSPENDED

• Chain set



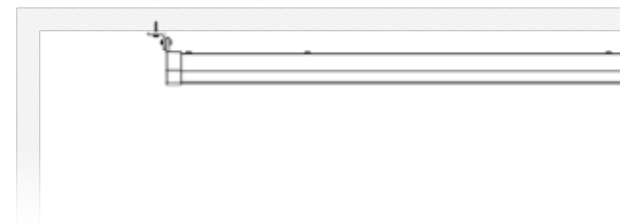
ON STEEL WIRE

• Steel wire set



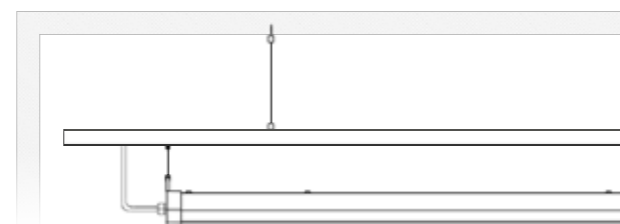
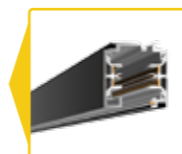
FIXED

• Brackets set



ON TRACK SYSTEM

• Track system



TECHNICAL DATA

REFLECTA® PROLED

Housing	Aluminum / Stainless steel
Light source	LED
Cover	4 mm special tempered glass Optiwhite™ / OG / PC / SG
Optics	Special REFLECTA® design
Protection	IP66, IK08
Ambient operating temperature	Ta= -40°C to +70°C
Driver	Non-dimming, DALI
Main voltage	220 - 240V AC, 50 - 60 Hz
Power factor	λ = 0,98
Life expectancy	Up to 100.000h L90B10
Luminous efficacy	Up to 135 lm/W
Colour of light	4000 K / 5000 K
Colour rendering index	CRI>80
Warranty	Up to 10 years
Made in	European Union (EU)

	PRO ³⁵	PRO ⁵⁰	PRO ⁷⁵	PRO ¹⁰⁰	PRO ¹⁰⁵	PRO ¹⁵⁰	PRO ²⁰⁰
Dimension LxWxH	845 x 180 x 69 mm				1645 x 180 x 69 mm		
Weight	3,5 kg				6,2 kg	6,6 kg	
Power	35 W	50 W	75 W	100 W	105 W	150 W	200 W
Lumen output	4408 - 4725 lm	6170 - 6600 lm	9180 - 9820 lm	11632 - 12450 lm	12240 - 13093 lm	18360 - 19640 lm	24112 - 25800 lm

*lumen output values valid for NB optics.

PRO LED

Type code	Lumen output (lm)	Power (W)
PLA.00.035.xx.yy.zzz.qq	4725	35
PLA.00.050.xx.yy.zzz.qq	6600	50
PLA.00.075.xx.yy.zzz.qq	9820	75
PLA.00.100.xx.yy.zzz.qq	12450	100
PLA.00.105.xx.yy.zzz.qq	13093	105
PLA.00.150.xx.yy.zzz.qq	19640	150
PLA.00.200.xx.yy.zzz.qq	25800	200

PRO LED OG

PLA.OG.035.xx.yy.zzz.qq	4408	35
PLA.OG.050.xx.yy.zzz.qq	6170	50
PLA.OG.075.xx.yy.zzz.qq	9180	75
PLA.OG.100.xx.yy.zzz.qq	11632	100
PLA.OG.105.xx.yy.zzz.qq	12240	105
PLA.OG.150.xx.yy.zzz.qq	18360	150
PLA.OG.200.xx.yy.zzz.qq	24112	200

PRO LED TP

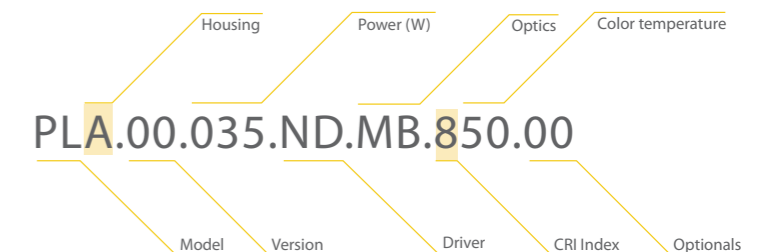
Type code	Lumen output (lm)	Power (W)
PLA.TP.035.xx.yy.zzz.qq	4630	35
PLA.TP.050.xx.yy.zzz.qq	6468	50
PLA.TP.075.xx.yy.zzz.qq	9622	75
PLA.TP.100.xx.yy.zzz.qq	11998	100
PLA.TP.105.xx.yy.zzz.qq	12837	105
PLA.TP.150.xx.yy.zzz.qq	19247	150
PLA.TP.200.xx.yy.zzz.qq	25284	200

PRO LED SG

PLA.SG.035.xx.yy.zzz.qq	4606	35
PLA.SG.050.xx.yy.zzz.qq	6435	50
PLA.SG.075.xx.yy.zzz.qq	9574	75
PLA.SG.100.xx.yy.zzz.qq	12138	100
PLA.SG.105.xx.yy.zzz.qq	12765	105
PLA.SG.150.xx.yy.zzz.qq	19149	150
PLA.SG.200.xx.yy.zzz.qq	25155	200

Codes explanation

Housing	Driver	Optics	CRI+K
A, I	xx	yy	zzz
A - aluminum	ND - non dim	WB	840
I - inox	DA - DALI dim	MB	850
		NB	





0	0
300	103467
239	45

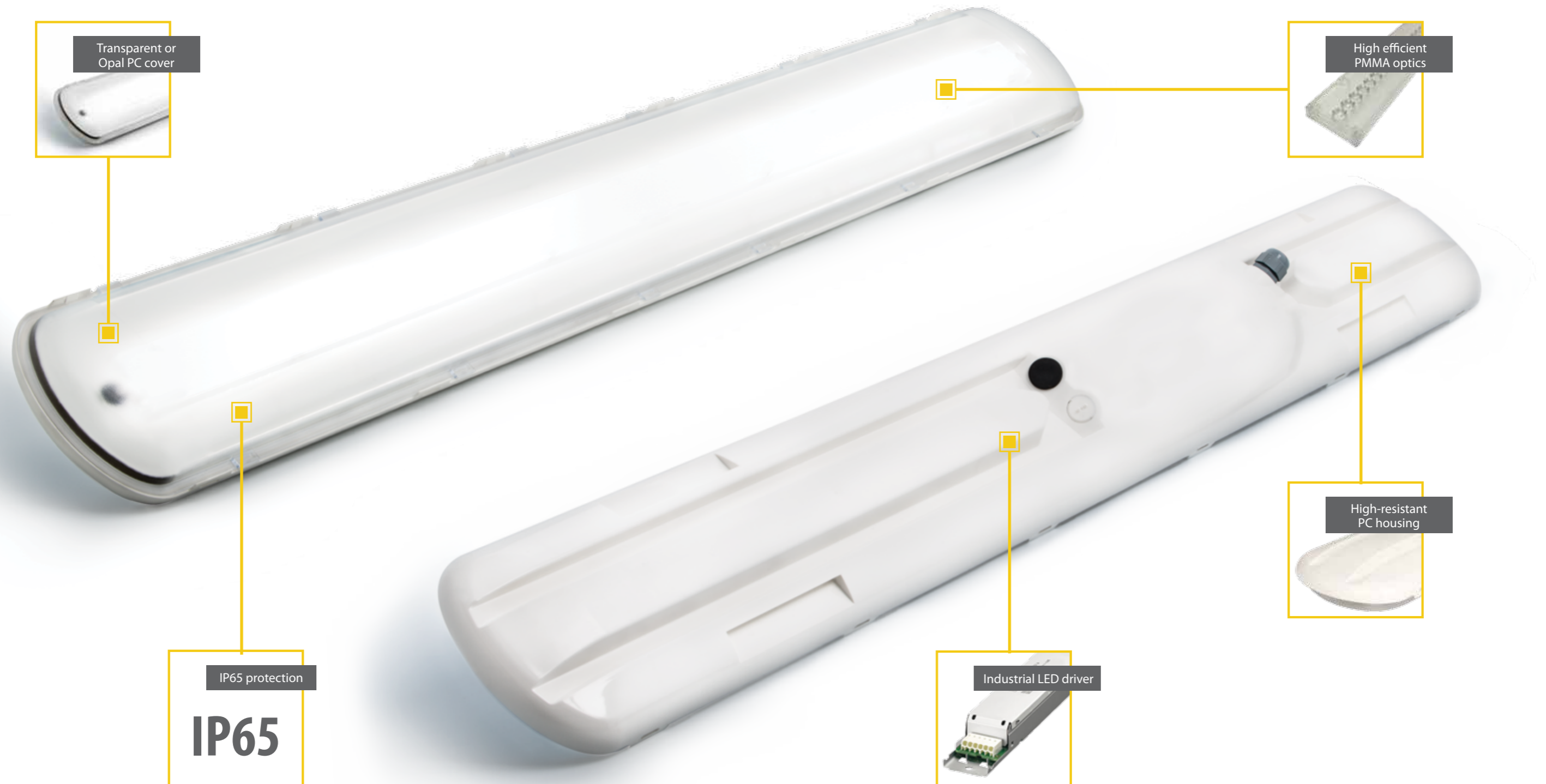
TECHNOLOGY

- INDUSTRIAL LED DRIVER
- LONG LIFETIME
- IP65 PROTECTION
- PMMA OPTICS
- CHEMICAL RESISTANT

The new REFLECTA® OVA LED industrial light is distinguished by a sophisticated thin and lightweight design, various light distribution options and the highest quality materials. The housing is made of a highly resistant polycarbonate that does not alter with time. The REFLECTA® OVA LED is a professional industrial LED light that delivers excellent lighting performance with its high efficiency and extended lifetime.

DESIGN

- POLYCARBONATE HOUSING
- TRANSPARENT OR OPAL PC COVER
- THIN
- LIGHTWEIGHT





VERSIONS

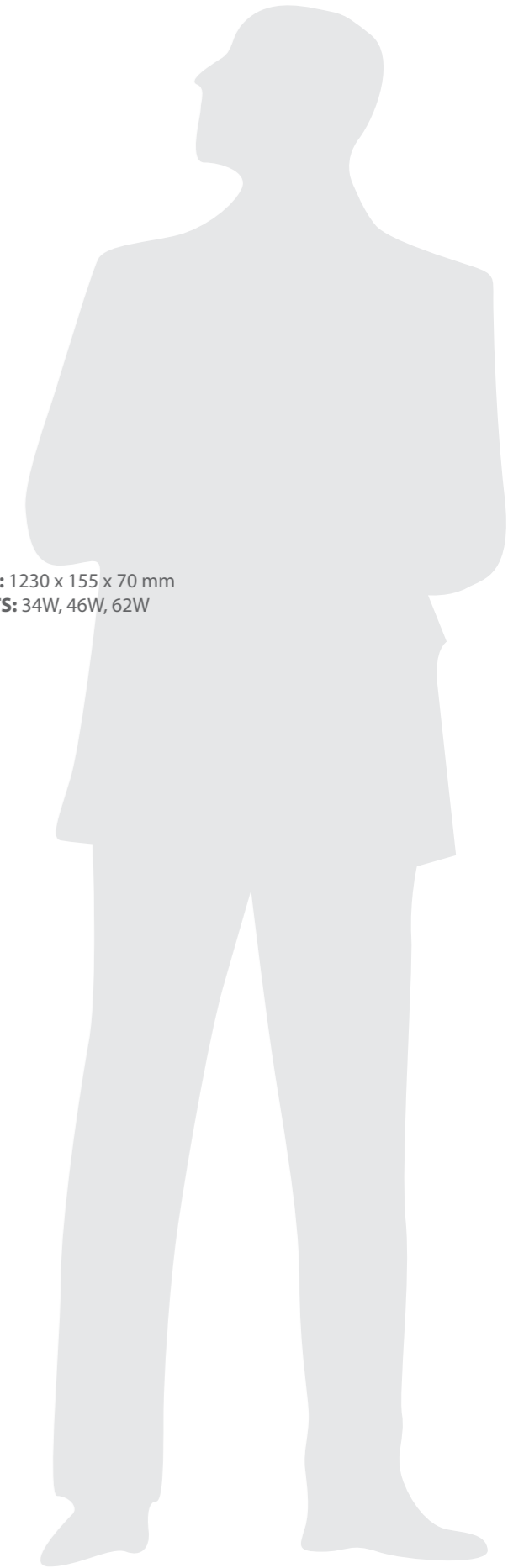
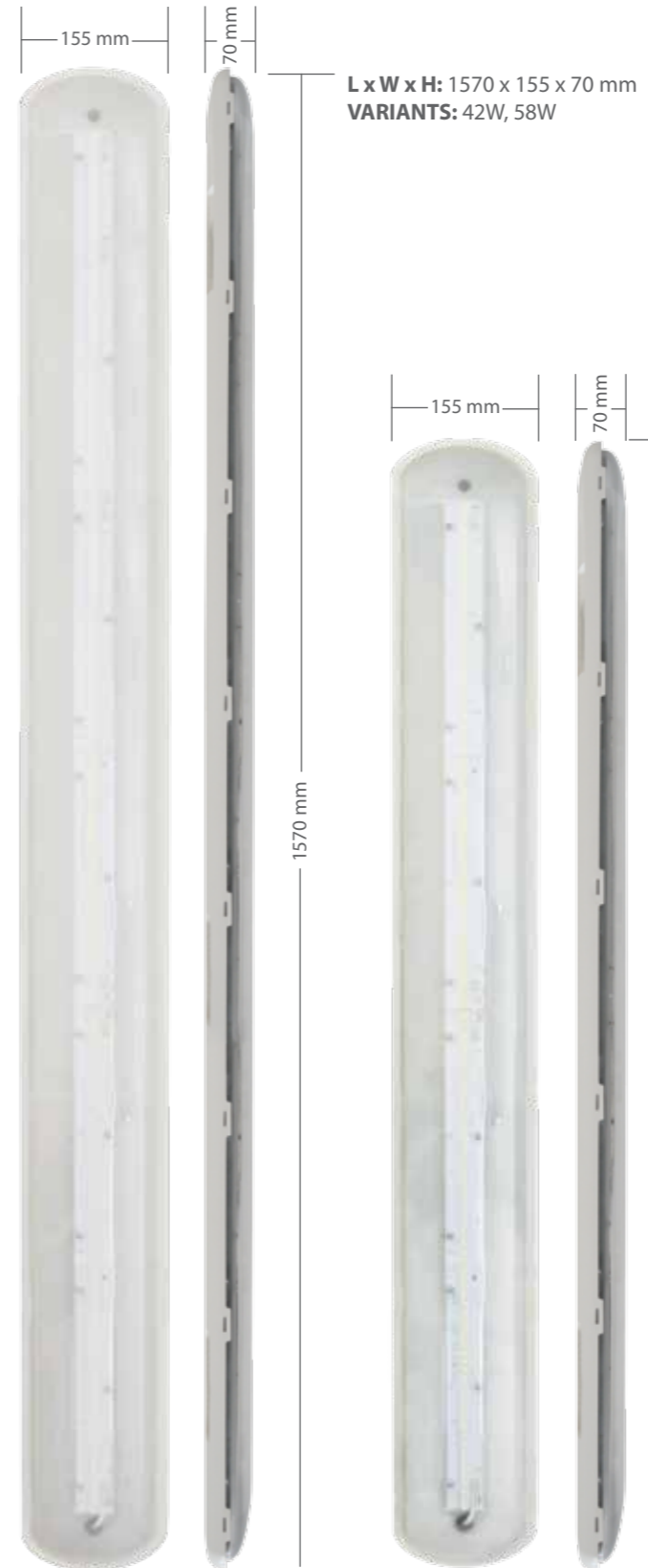
OVA LED:
High resistant transparent polycarbonate suitable for industrial environments.



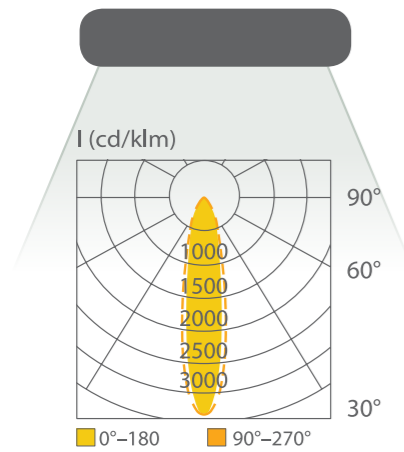
OVA LED OP:
Version with Opal polycarbonate for a more diffused light.



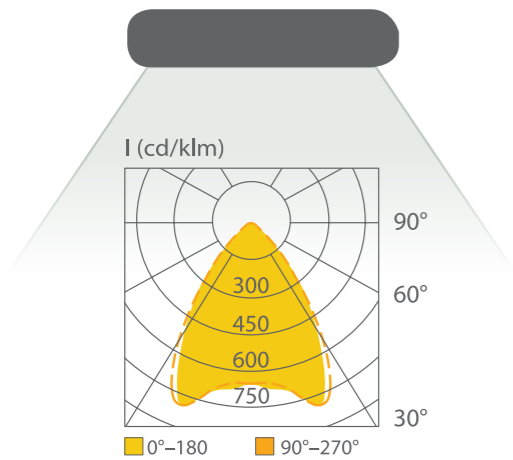
DIMENSIONS



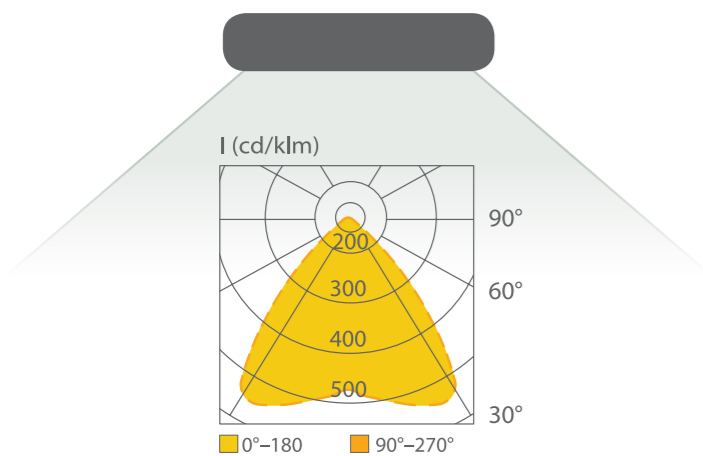
OPTICS



NB - NARROW BEAM
 • Mounting height: **8+ m**
 • Beam angle: **40°**
 • Variants: **34-62 W**



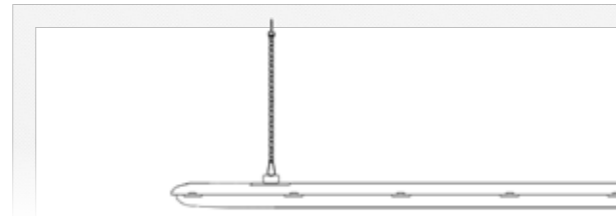
MB - MEDIUM BEAM
 • Mounting height: **5-8 m**
 • Beam angle: **60°**
 • Variants: **34-62 W**



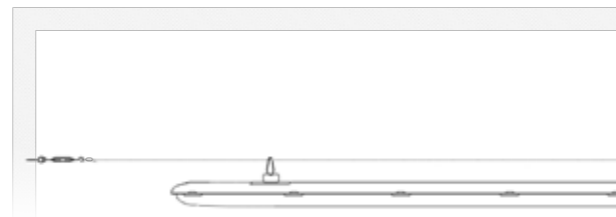
WB - WIDE BEAM
 • Mounting height: **2-5 m**
 • Beam angle: **90°**
 • Variants: **34-62 W**

MOUNTING OPTIONS

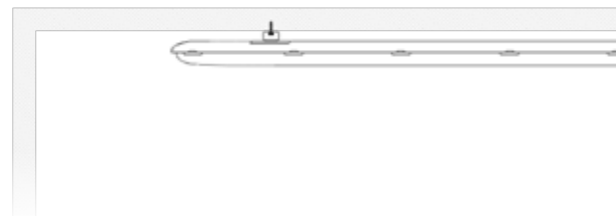
SUSPENDED
 • Chain set



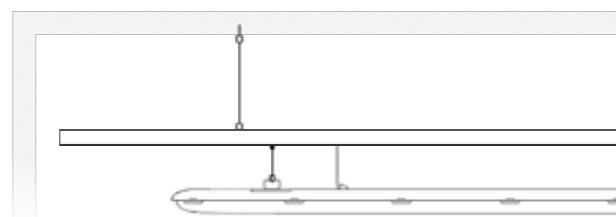
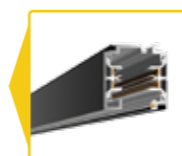
ON STEEL WIRE
 • Steel wire set



FIXED
 • Brackets set



ON TRACK SYSTEM
 • Track system



TECHNICAL DATA

REFLECTA® OVALED					
Housing	High-resistant Polycarbonate				
Light source	LED				
Cover	Transparent / Opal PC				
Optics	Highly efficient PMMA optics				
Protection	IP65, IK08				
Ambient operating temperature	Ta= -20°C to +40°C				
Driver	Non-dimming, DALI				
Main voltage	220 - 240V AC, 50 - 60 Hz				
Power factor	λ = 0,98				
Luminous efficacy	Up to 118 lm/W				
Life expectancy	Up to 60.000h L80B20 @ Ta=25°C				
Colour of light	4000 K / 5000 K				
Colour rendering index	CRI>80				
Warranty	5 years				
Made in	European Union (EU)				
	OVA ³⁴	OVA ⁴²	OVA ⁴⁶	OVA ⁵⁸	OVA ⁶²
Dimension LxWxH	1230 x 155 x 70 mm	1570 x 155 x 70 mm	1230 x 155 x 70 mm	1570 x 155 x 70 mm	1230 x 155 x 70 mm
Power	34 W	42 W	46 W	58 W	62 W
Lumen output	4012 - 4352lm	4956 - 5376lm	5428 - 5888lm	6844 - 7424lm	7316 - 7936lm

*Lumen output values valid for MB optics.

OVA LED

Type code	Lumen output (lm)	Power (W)
OLP.00.034.xx.yy.zzz.qq	4012	34
OLP.00.042.xx.yy.zzz.qq	4948	42
OLP.00.046.xx.yy.zzz.qq	5337	46
OLP.00.058.xx.yy.zzz.qq	6726	58
OLP.00.062.xx.yy.zzz.qq	7282	62

OVA LED OP

Type code	Lumen output (lm)	Power (W)
OLP.OP.034.xx.yy.zzz.qq	3289	34
OLP.OP.042.xx.yy.zzz.qq	4055	42
OLP.OP.046.xx.yy.zzz.qq	4376	46
OLP.OP.058.xx.yy.zzz.qq	5512	58
OLP.OP.062.xx.yy.zzz.qq	5971	62

Codes explanation

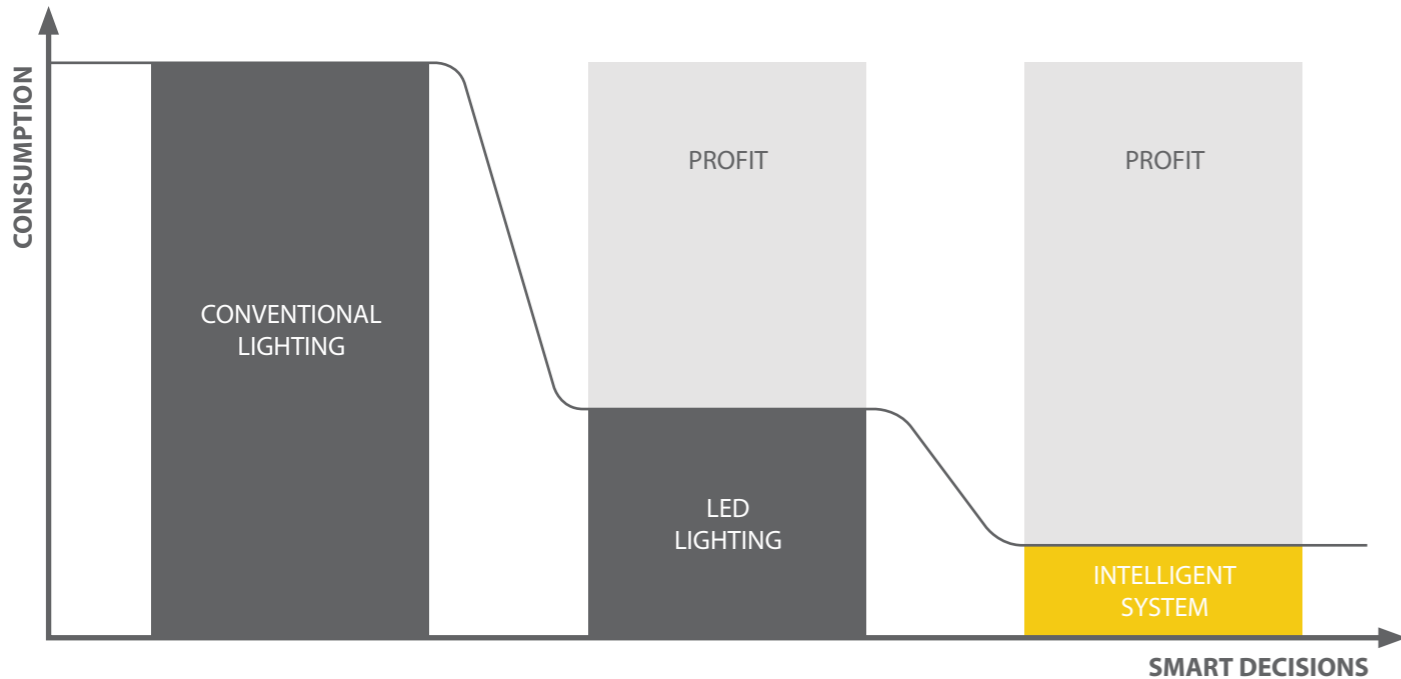
Housing	Driver	Optics	CRI+K
P	xx	yy	zzz
P- Polycarbonate	ND - non dim DA - DALI dim	WB MB NB	840 850



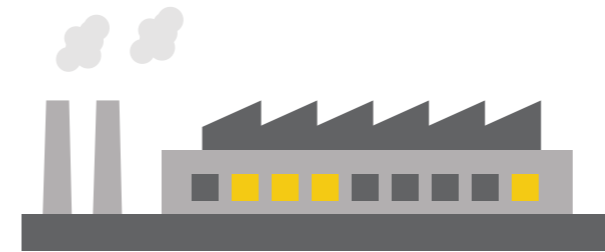


Why to decide for an intelligent system?

The need for more energy and cost efficient lighting systems should be increasing every day. The reason is that the use of motion detection, daylight harvesting and time management with the REFLECTA® DLight intelligent system can effectively improve efficiency of a LED lighting system. A lower consumption has a positive impact on lowering your company's operating costs and therefore raising the PROFIT of your business!



HOW TO REDUCE YOUR CONSUMPTION?



INDUSTRY

Changing environment and harsh conditions make no problem for REFLECTA® DLight intelligent system. Daylight harvesting and time management are working hand in hand to achieve the most savings out of the installed REFLECTA® LED lighting system. Having information about your working hours, costs and light levels helps you optimize your working process.



LOGISTICS

Lighting represents one of the major operating costs in a logistics facility. Choosing an efficient REFLECTA® LED lighting and upgrading it with the REFLECTA® DLight intelligent system offers you a perfect illumination where and when you need it. Moreover, it allows you to always have control over warehouse status and operating costs.

DLight mini DLight DLight +

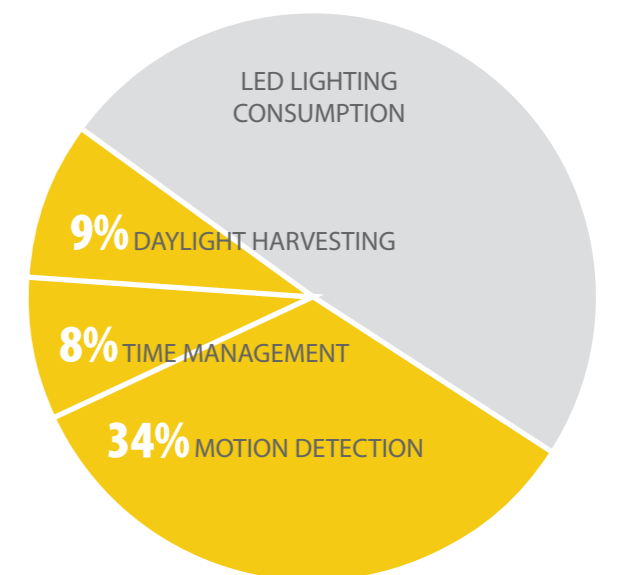
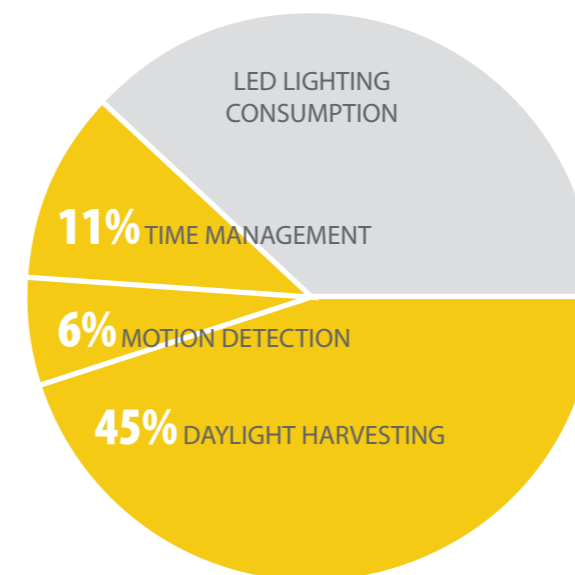
DLight



Wired lighting control systems based on the DALI protocol, with the possibility of manual or computerised management of the lighting groups. Automation is done based on timing parameters and the presence of daylight. The system can be integrated into existing electrical cabinets.

	DLight mini	DLight	DLight +
Daylight harvesting	✓	✓	✓
Motion detection	✓	✓	✓
Dimming control	✓	✓	✓
Time management	✗	✓	✓
IR remote control	*Optional	*Optional	*Optional
Buttons for manual control	✓	✓	✓
Number of DALI units per system	40	128+	128+
Number of light groups	1 per system	16+	16+
Touch control	✗	✗	✓
Electrical cabinet	✗	*Optional	*Optional

Results after installation of intelligent system



0 Investments

We will change your existing lighting **without any investment** with our intelligent energy-saving system REFLECTA® LED. After the expiry of the contractual relationship, the system REFLECTA® LED will generate a constant **profit of tens of thousands euros per year**.

0 Costs

A retrofit of the lighting with REFLECTA® LED energy-saving system according to the contract **does not create costs**, due to the **up to 10 years full warranty**, even on the most delicate parts of the electronics and even lamps. The first minimum maintenance costs appear on average only after 6 years.

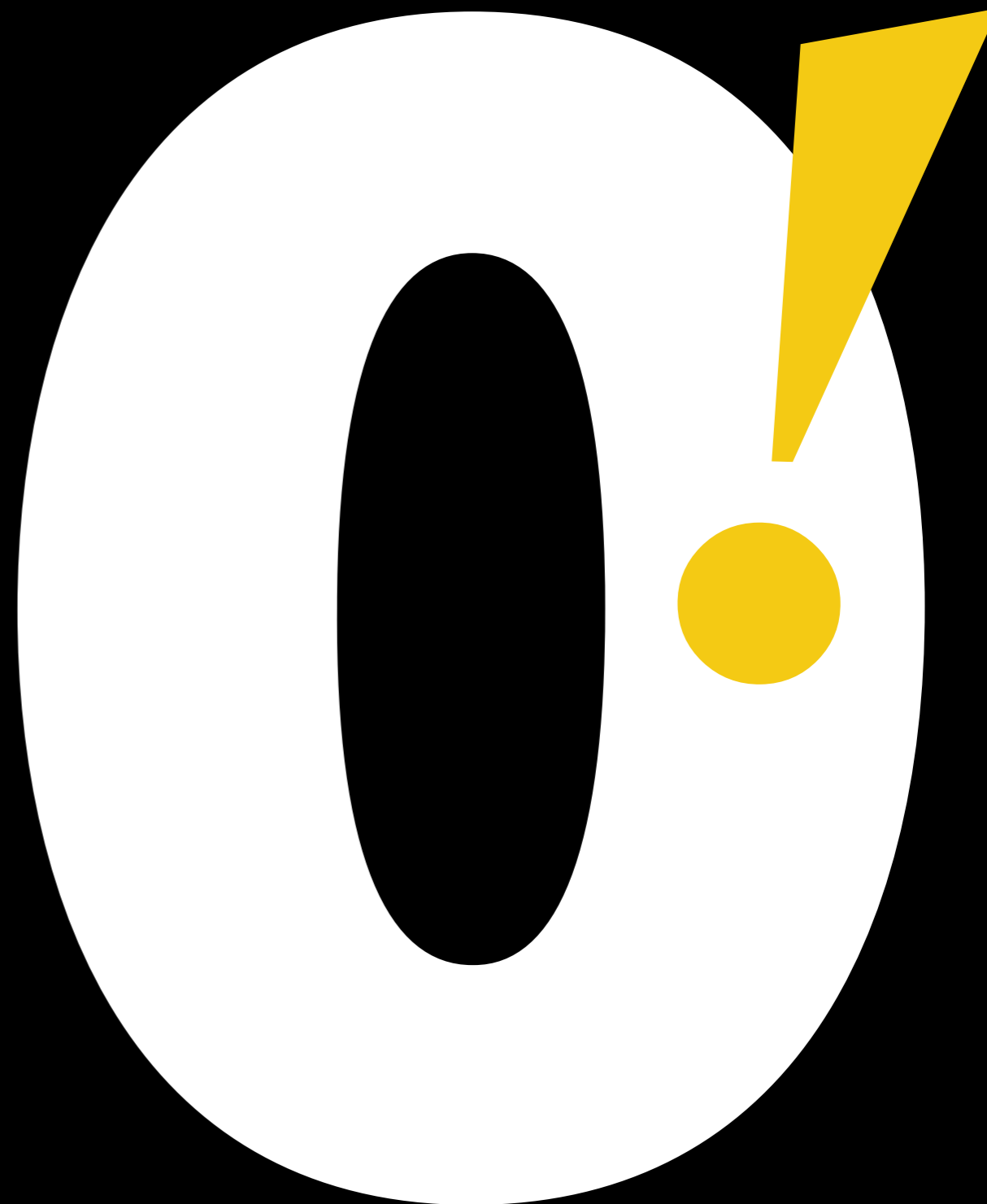
0 Risks

Verifiable references confirm, that REFLECTA® LED systems operate smoothly even in the toughest working conditions and with **expected returns** through electricity savings.

0 Waiting

Since the 0-investment does not influence your company's cash flow - the investment is paid with the savings - no investment plan is required and you do not need to wait for a new investment period. REFLECTA® LED systems are **available immediately**.

**Not ready to invest?
Start SAVING now with**





REFLECTA

For further information about REFLECTA® LED intelligent lighting solutions, please contact us at:

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