



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 Gen2 SERIES
LIN SERIES
ECO SERIES
BAS 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.

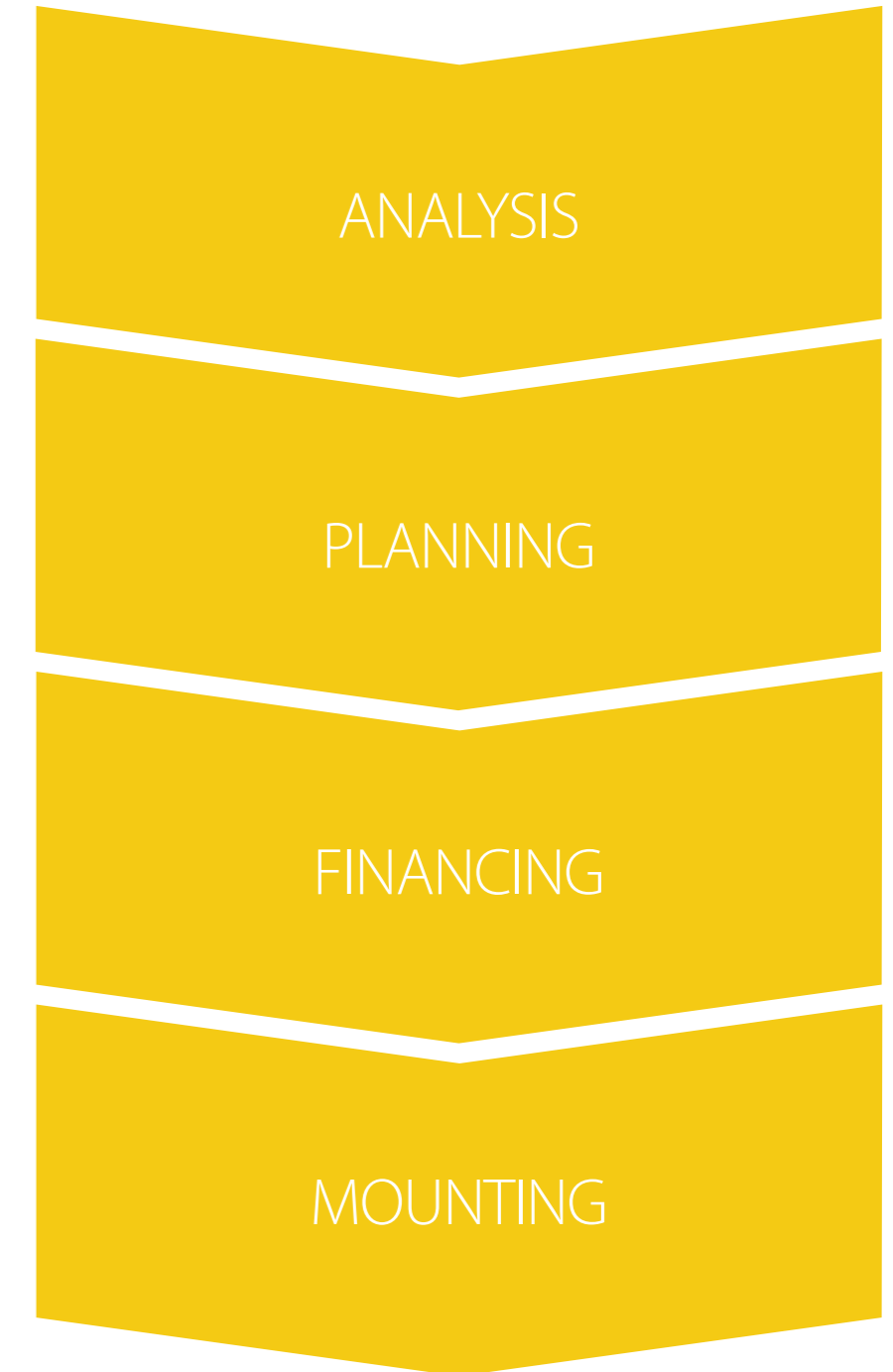
REFLECTA®. Don't just choose a light. SOLVE a problem!

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.



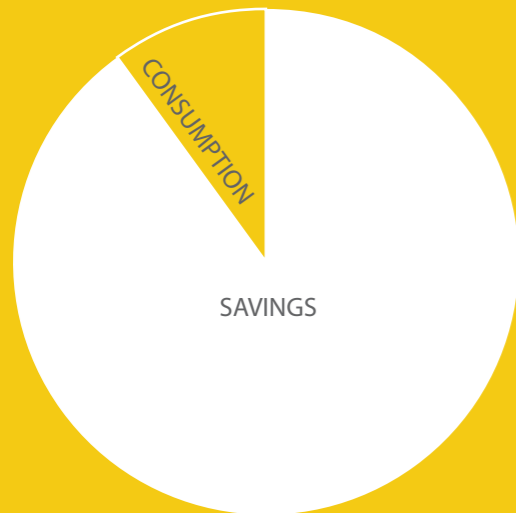
CUSTOM MADE SOLUTIONS

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!

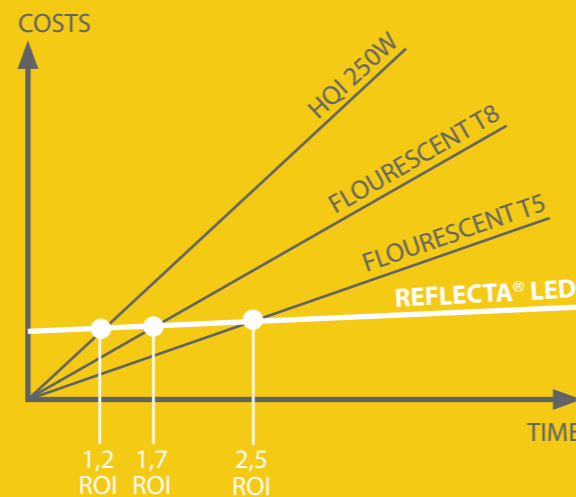
Superior added value distinguishes REFLECTA® systems and services from other competitors. We are aware that the road to excellence is always full of unpredictable situations, but we are happy to solve them as we move forward to achieve our mutual goals. A solution that satisfies our customer is the only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

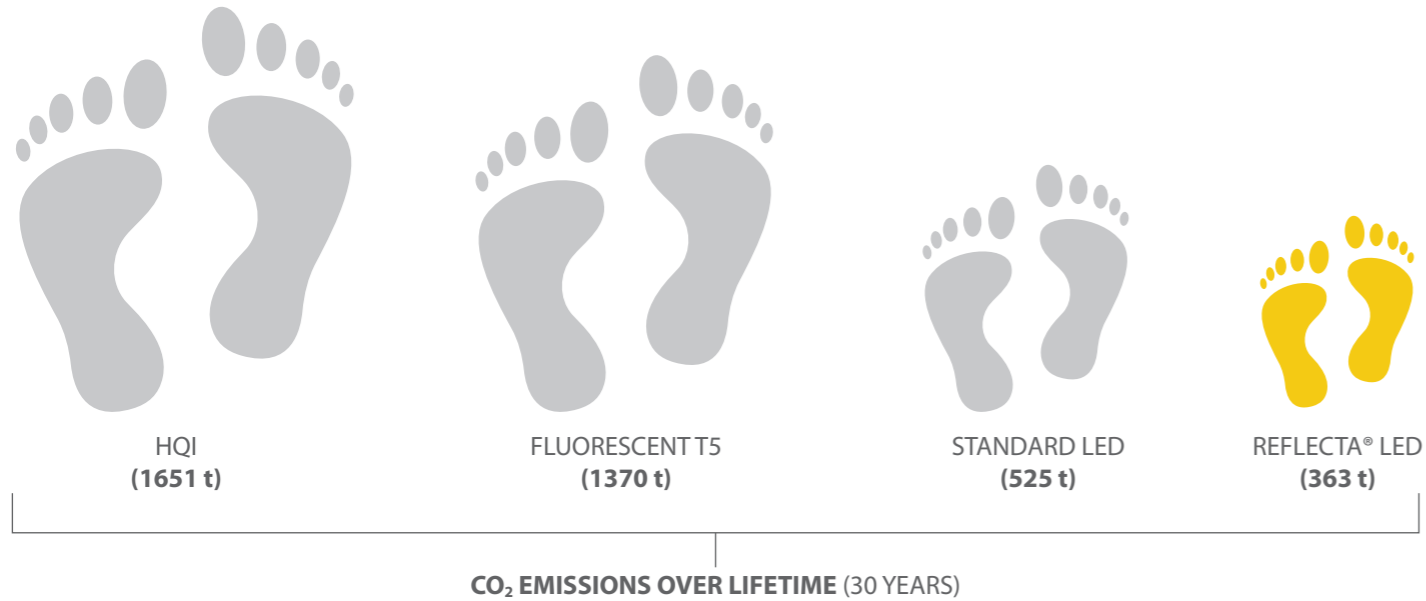
ROI IN LESS THAN 3 YEARS



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 install the new lighting system.

4 steps to savings



TECHNOLOGY

- OUTSTANDING LUMINOUS EFFICACY 176 LM/W
- EXTENDED OPERATING LIFETIME
- IP66 PROTECTION
- OPTIWHITE™ GLASS
- REFLECTA® OPTICS
- HIGH-TEMPERATURE RESISTANT

The next generation of the REFLECTA® PRO is here! REFLECTA® PRO Gen2 is now even more performing with an **outstanding luminous efficacy** of up to **176 lm/W!** The REFLECTA PRO Gen2 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 luminaire 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.

- ✓ Certified on **Ta=65°C!**
- ✓ **176 lm/W**



High efficient mid-power LEDs



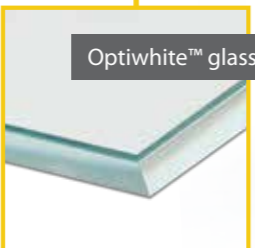
Industrial LED driver



REFLECTA® optics



Optiwhite™ glass



Aluminium body





VERSIONS

PRO:
Special Optiwhite tempered glass suitable for industrial environments.



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



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

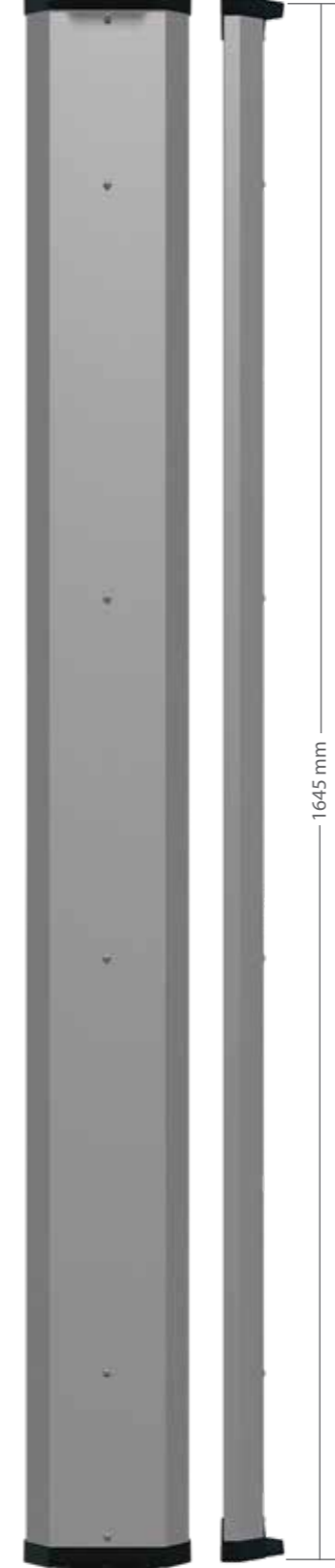


PRO SG:
Version with shatterproof safety glass.

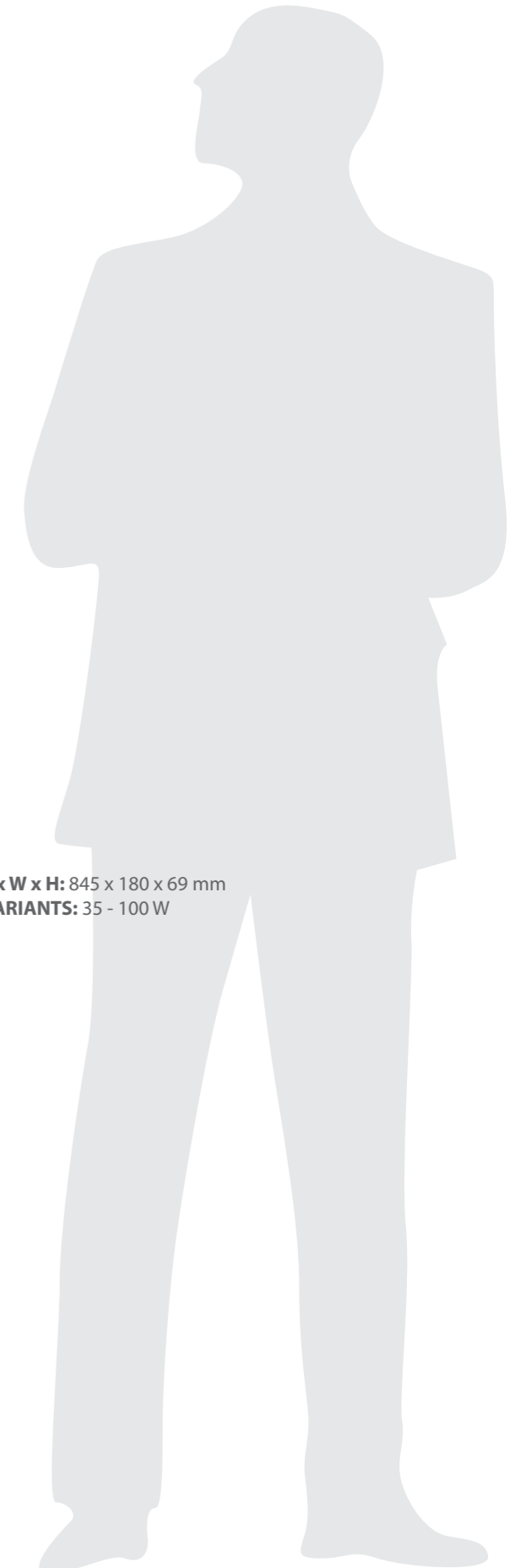
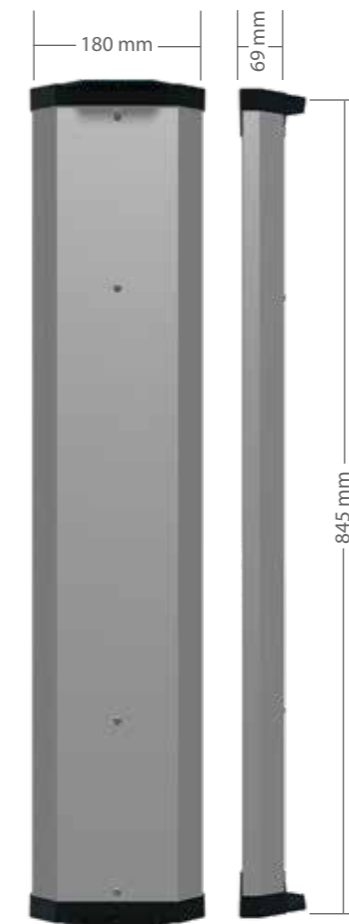


DIMENSIONS

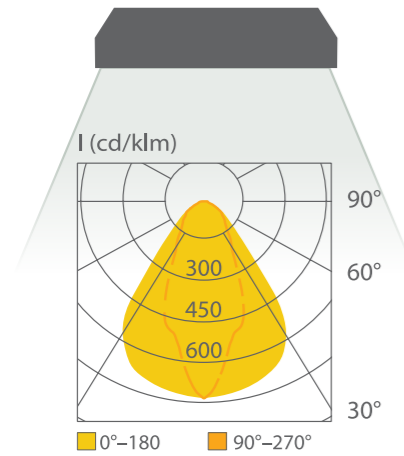
180 mm
69 mm
L x W x H: 1645 x 180 x 69 mm
VARIANTS: 105 - 200 W



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

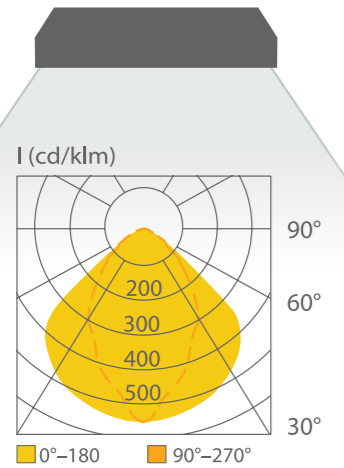


OPTICS



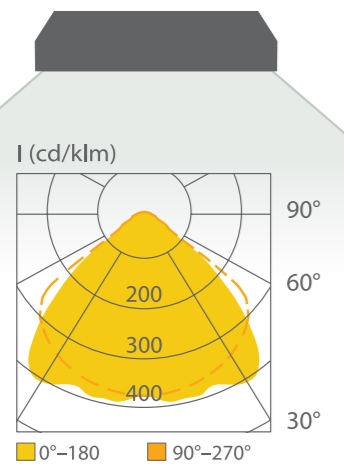
NB - NARROW BEAM

- 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



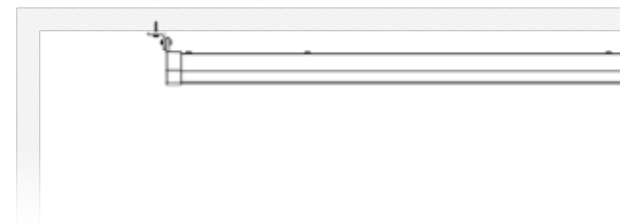
ON STEEL WIRE

- Steel wire set



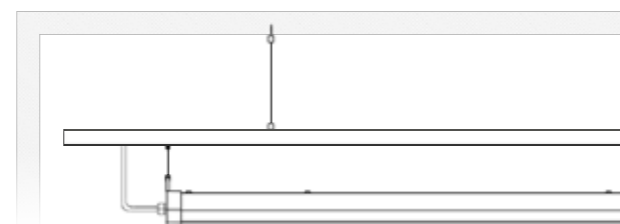
FIXED

- Brackets set



ON TRACK SYSTEM

- Track system



TECHNICAL DATA

REFLECTA® PRO Gen2

Housing	Aluminum / Stainless steel
Light source	LED
Cover	4 mm special tempered glass Optiwhite™ Glass / OG / TP / SG
Optics	Special REFLECTA® design
Protection	IP66, IK09
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 120.000 h L80B20
Luminous efficacy	Up to 176 lm/W
Colour Temperature	4000 K / 5000 K
Colour rendering index	CRI>80
Warranty*	Up to 10 years
Made in	Austria (EU)

	PRO ³⁵ Gen2	PRO ⁵⁰ Gen2	PRO ⁷⁵ Gen2	PRO ¹⁰⁰ Gen2	PRO ¹⁰⁵ Gen2	PRO ¹⁵⁰ Gen2	PRO ²⁰⁰ Gen2
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
Luminous Efficiency**	172 lm/W	170 lm/W	163 lm/W	159 lm/W	168 lm/W	176 lm/W	157 lm/W

*standard warranty 7 years. Possible extension up to 10 years based on project specification.
**luminous efficacy and lumen output valid for REFLECTA PRO Gen2 NB optics.

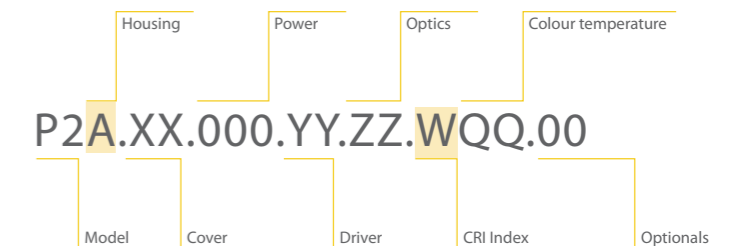
PRO Gen2

Type code	Lumen output** (lm)	Power (W)
P2A.00.035.yy.zz.wqq.00	6020	35
P2A.00.050.yy.zz.wqq.00	8500	50
P2A.00.075.yy.zz.wqq.00	12225	75
P2A.00.100.yy.zz.wqq.00	15900	100
P2A.00.105.yy.zz.wqq.00	17640	105
P2A.00.150.yy.zz.wqq.00	26400	150
P2A.00.200.yy.zz.wqq.00	31400	200

Improved efficacy, higher savings!

Codes explanation

Housing	Cover	Driver	Optics	CRI+K
A, I	xx	yy	zz	wqq
A - aluminum	00 - glass	ND - non dim	WB	840
I - inox	OG - opal glass	DA - DALI dim	MB	850
	SG - safety glass		NB	
	TP - Polycarbonate			



TECHNOLOGY

- LINEAR LED MODULES
- IP66 PROTECTION
- PMMA OPTICS
- OPTIWHITE™ GLASS
- EXTENDED LIFETIME

REFLECTA® LIN industrial luminaires are designed to deliver high luminous performance and long operating lifetimes. This is achieved thanks to a high quality thermal management in a durable anodized aluminium housing. Different dimension, cover version and power options make REFLECTA® LIN a very adaptable solution to different working environments.

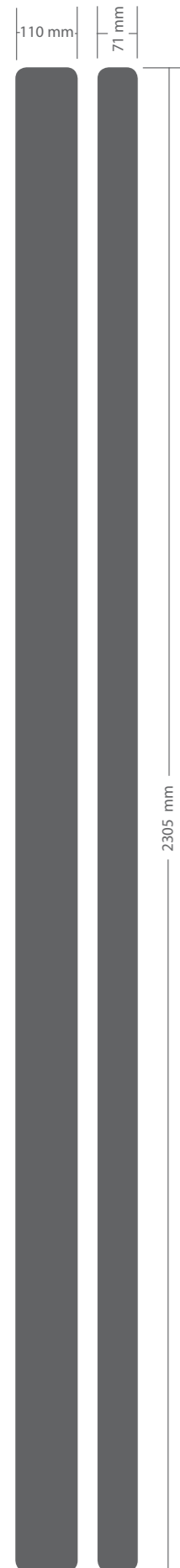
DESIGN

- ANODIZED ALUMINUM HOUSING
- VARIOUS COVER VERSIONS
- DURABLE SHAPE
- MODULAR
- ADAPTABLE

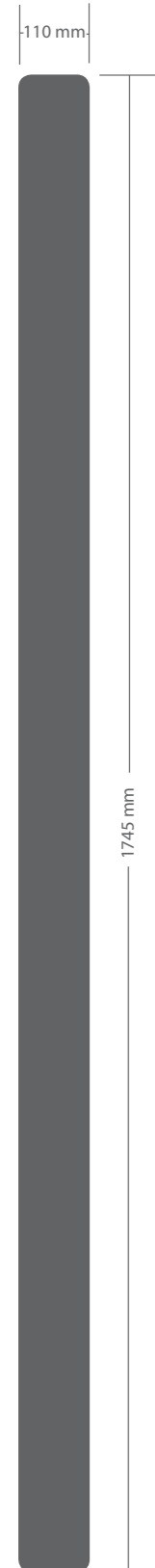


DIMENSIONS

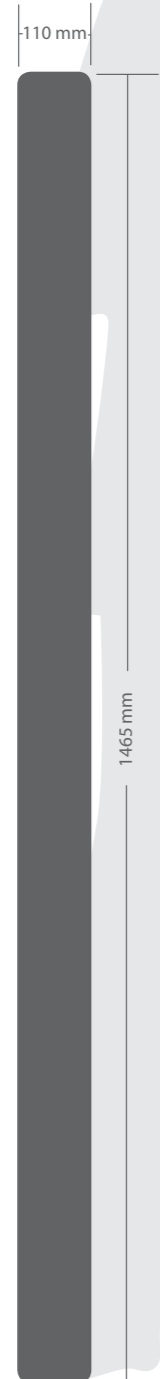
LIN 2300
L x W x H: 2305 x 110 x 71 mm,
VARIANTS: 124 - 166 W



LIN 1800
L x W x H: 1745 x 110 x 71 mm,
VARIANTS: 92 - 122 W



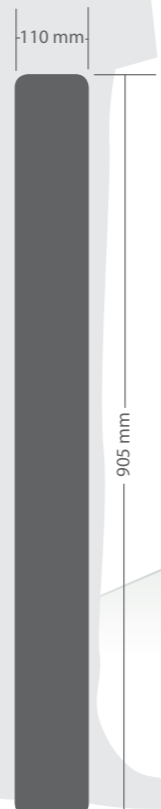
LIN 1500
L x W x H: 1465 x 110 x 71 mm
VARIANTS: 75 - 100 W



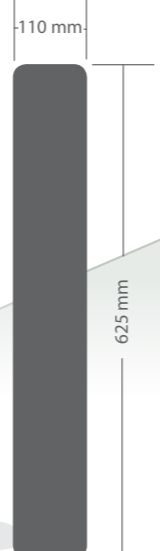
LIN 1200
L x W x H: 1185 x 110 x 71 mm
VARIANTS: 62 - 84 W



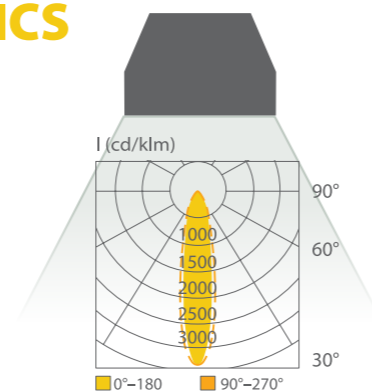
LIN 900
L x W x H: 905 x 110 x 71 mm
VARIANTS: 46 - 62 W



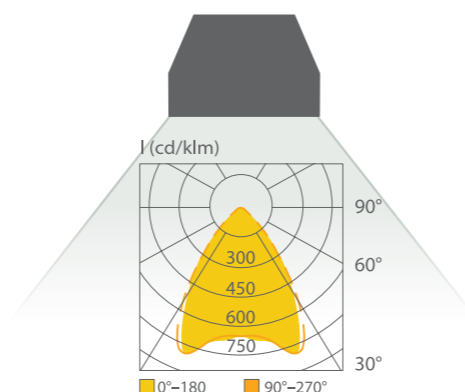
LIN 600
L x W x H: 625 x 110 x 71 mm
VARIANTS: 19 - 42 W



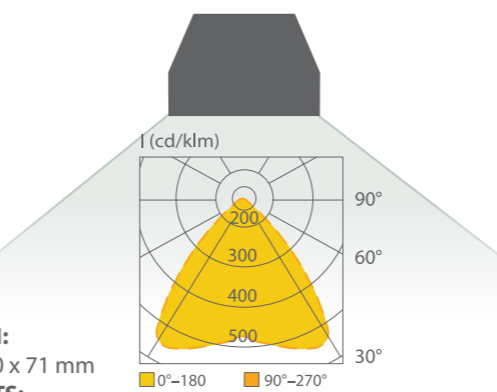
OPTICS



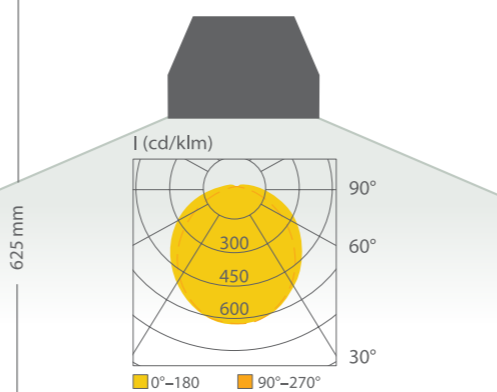
NB - NARROW BEAM
 • Mounting height: **8+ m**
 • Beam angle: **30°**



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



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



OO - Opal diffused
 • Mounting height: **1-12 m**
 • Beam angle: **112°**

TECHNICAL DATA

REFLECTA® LIN						
Housing	Aluminum					
Light source	LED					
Cover	4 mm special tempered glass Optiwhite™ Glass / OG / TP / SG					
Optics	Highly efficient PMMA optics					
Protection	IP65, IK08					
Ambient operating temperature	Ta = -40°C to +60°C					
Driver	Non-dimming, DALI					
Main voltage	220-240V, 50-60HZ					
Power factor	λ = 0,98					
Life expectancy	Up to 100.000 L80B20					
Luminous efficacy	Up to 162 lm/W					
Colour Temperature	4000 K / 5000 K					
Colour rendering index	CRI>80					
Warranty*	Up to 8 years					
Made in	Austria (EU)					
	LIN 600	LIN 900	LIN 1200	LIN 1500	LIN 1800	LIN 2300
Dimension LxWxH	625	905	1185	1465	1745	2305
Weight	1,9 kg	2,7 kg	3,5 kg	4,3 kg	5,1 kg	9,8 kg
Power	19-34 / 25-42 W	46 / 62 W	62 / 84 W	75 / 100 W	92 / 122 W	124 / 166 W
Luminous Efficacy**	135 / 149 lm/W					

*standard warranty 5 years. Possible extension up to 8 years based on project specification.
 **luminous efficacy and lumen output valid for REFLECTA LIN NB optics.

LIN HE

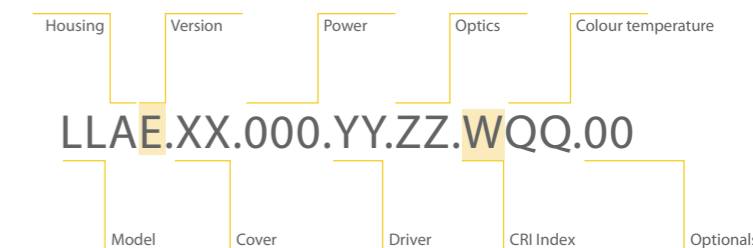
Type code	Lumen output** (lm)	Power (W)
LLAE.00.019.yy.zz.wqq.00	2831	19
LLAE.00.034.yy.zz.wqq.00	5066	34
LLAE.00.046.yy.zz.wqq.00	6854	46
LLAE.00.062.yy.zz.wqq.00	9238	62
LLAE.00.075.yy.zz.wqq.00	11175	75
LLAE.00.092.yy.zz.wqq.00	13708	92
LLAE.00.124.yy.zz.wqq.00	18476	124

LIN HP

Type code	Lumen output** (lm)	Power (W)
LLAP.00.025.yy.zz.wqq.00	3375	25
LLAP.00.042.yy.zz.wqq.00	5670	42
LLAP.00.064.yy.zz.wqq.00	8370	62
LLAP.00.084.yy.zz.wqq.00	11340	84
LLAP.00.100.yy.zz.wqq.00	13500	100
LLAP.00.122.yy.zz.wqq.00	16470	122
LLAP.00.166.yy.zz.wqq.00	22410	166

Codes explanation

Housing	Ver.	Cover	Driver	Optics	CRI+K
A	E, P	xx	yy	zz	wqq
A - Aluminum	E - HE	00	ND - non dim	WB	840
	P - HP	OG	DA - DALI dim	MB	850
		SG		NB	
		TP			





TECHNOLOGY

- LINEAR LED MODULES
- INDUSTRIAL LED DRIVER
- EFFICIENT PMMA OPTICS
- LOW UGR
- OPTIWHITE™ GLASS
- IP66 PROTECTION

The REFLECTA® ECO industrial luminaires were developed to withstand all kind of demanding conditions. Combinations of different housing and cover options make REFLECTA® ECO luminaires a very adaptive solution to different customer's challenges. The installed optic components allow the luminaires to deliver a high quality light output with extremely low glare and no disturbing shadowing effect.

DESIGN

- POWDER COATED STEEL HOUSING
- STAINLESS STEEL OPTION
- INDUSTRIAL
- PERFORMING
- ECONOMIC



High efficient PMMA optics

Protection

IP66

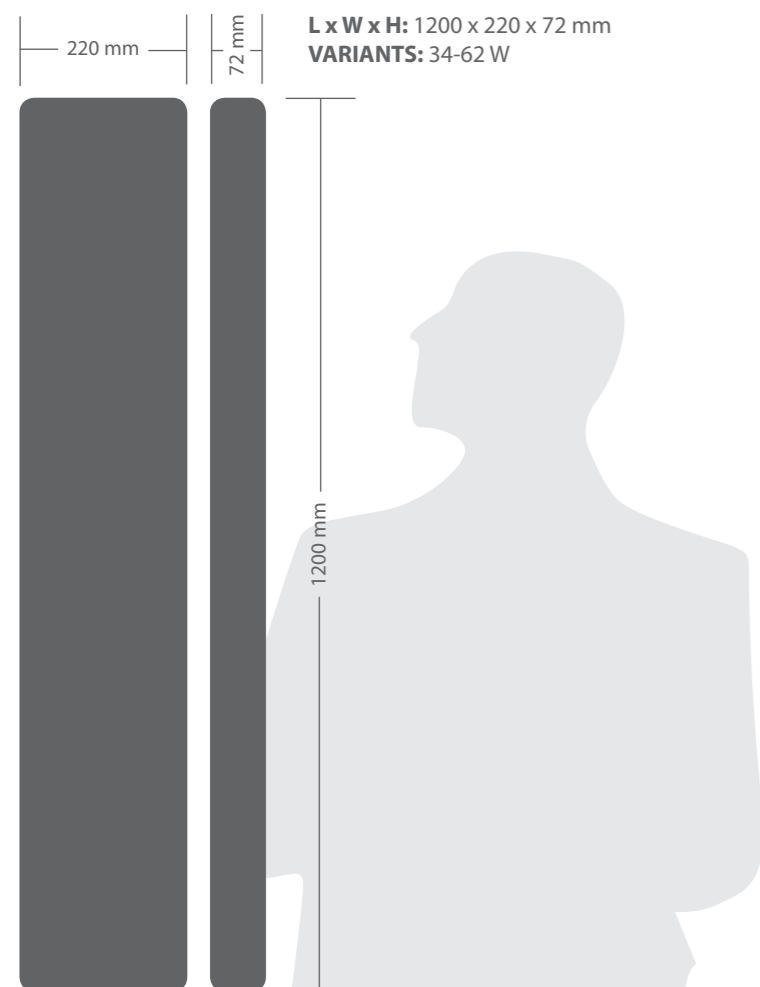
Optiwhite™ glass

Powder coated steel housing

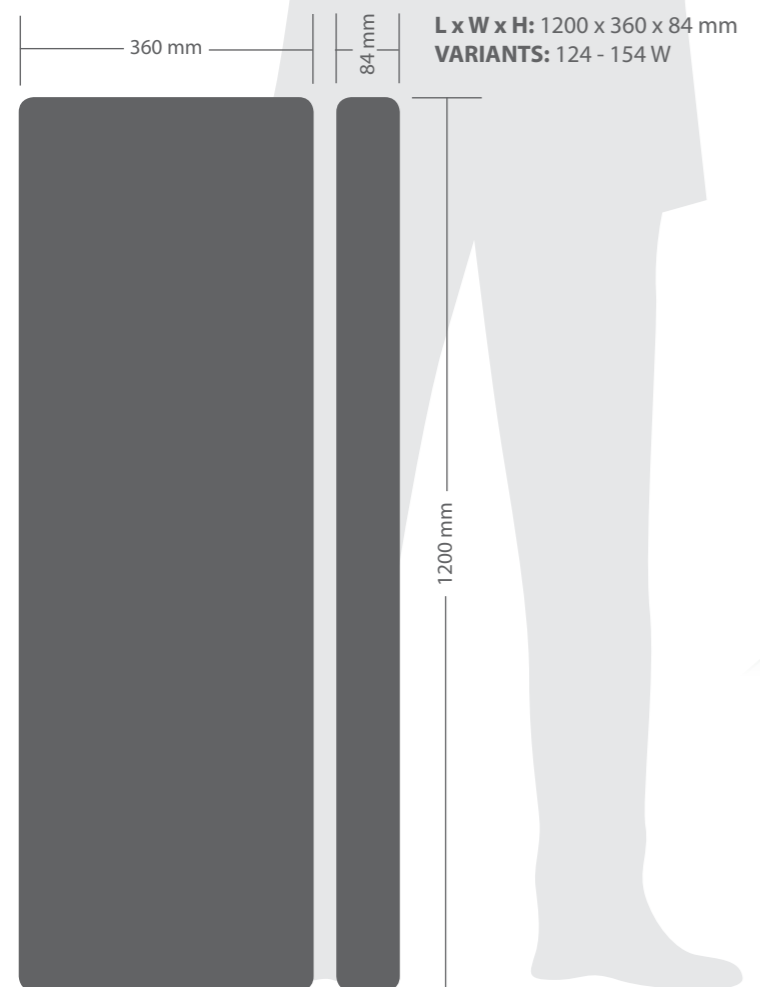
Industrial LED driver

DIMENSIONS

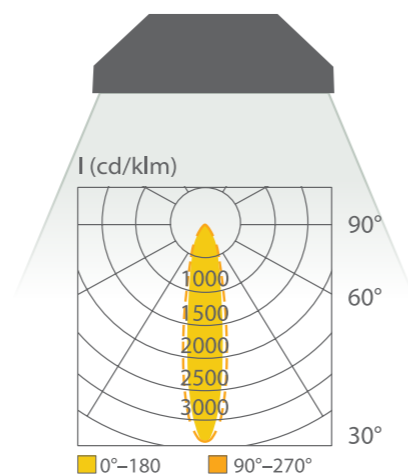
L x W x H: 1200 x 220 x 72 mm
VARIANTS: 34-62 W



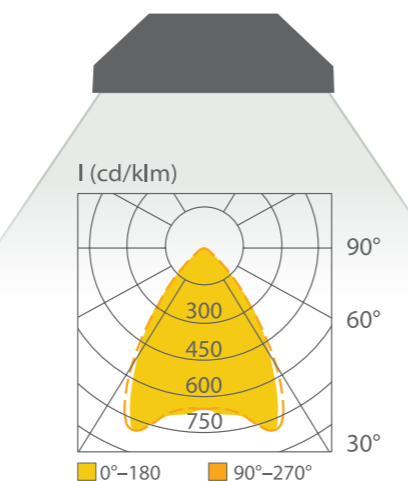
L x W x H: 1200 x 360 x 84 mm
VARIANTS: 124 - 154 W



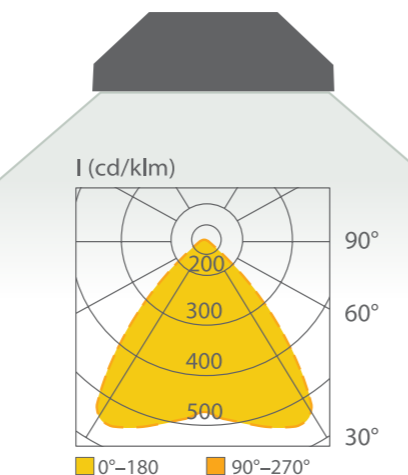
OPTICS



NB - NARROW BEAM
• Mounting height: **8+ m**
• Beam angle: **30°**



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



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

TECHNICAL DATA

REFLECTA® ECO

Housing	Powder coated steel sheet
Cover	4 mm special tempered glass Optiwhite™ Glass / OG / TP / SG
Optics	Highly efficient PMMA optics
Protection	IP66, IK08
Ambient operating temperature	Ta = -30°C to +50°C
Driver	Non-dimming, DALI
Supply voltage	220-240V, 50-60HZ
Power factor	λ = 0,98
Life expectancy	60.000h L80B20
Luminous efficacy	Up to 153 lm/W
Colour Temperature	4000K / 5000K
Colour rendering index	CRI>80
Warranty*	Up to 7 years
Made in	Austria (EU)

	ECO ³⁴	ECO ⁴⁶	ECO ⁶²	ECO ¹²⁴	ECO ¹⁵⁴
Dimension LxWxH	1200 x 220 x 72 mm			1200 x 360 x 84 mm	
Weight	7,2 kg		7,9 kg	14,5 kg	
Power	34 W	46 W	62 W	124 W	154 W
Luminous Efficacy**	147 lm/W	142 lm/W	151 lm/W	153 lm/W	146 lm/W

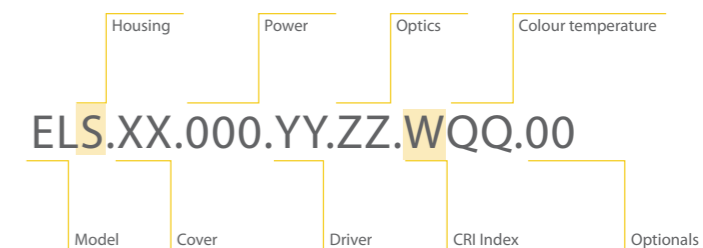
*standard warranty 5 years. Possible extension up to 7 years based on project specification.
**luminous efficacy and lumen output valid for REFLECTA ECOLED NB optics.

ECO

Type code	Lumen output** (lm)	Power (W)
ELS.00.034.xx.yy.zzz.qq	4998	34
ELS.00.046.xx.yy.zzz.qq	5632	46
ELS.00.062.xx.yy.zzz.qq	9362	62
ELS.00.124.xx.yy.zzz.qq	18972	124
ELS.00.154.xx.yy.zzz.qq	22484	154

Codes explanation

Housing	Cover	Driver	Optics	CRI+K
S, I	xx	yy	zz	wqq
S - Steel	00 - glass	ND - non dim	WB	840
I - Inox	OG - opal glass	DA - DALI dim	MB	850
	SG - safety glass		NB	
	TP - Polycarbonate			



TECHNOLOGY

- IP65 / IP66 / IP67 PROTECTION
- PMMA DIFFUSER - LIGHT TRANSMITTIVITY UP TO 93%
- CHEMICAL RESISTANT
- STAINLESS STEEL CLIPS

The REFLECTA® BAS industrial luminaires are made for wide usage, from industrial environments, storage facilities, parking garages etc. A high grade o protection makes REFLECTA® BAS the right choice in different demanding conditions. The outstanding transmissivity of the new PMMA opal cover allows the luminaires to have a high light efficiency.

DESIGN

- DUST AND WATERPROOF LUMINAIRE
- GRP HOUSING
- PC OR PMMA DIFFUSER
- HIGH LIGHT EFFICIENCY

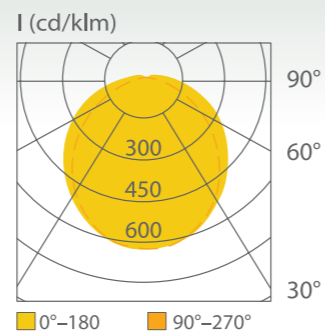
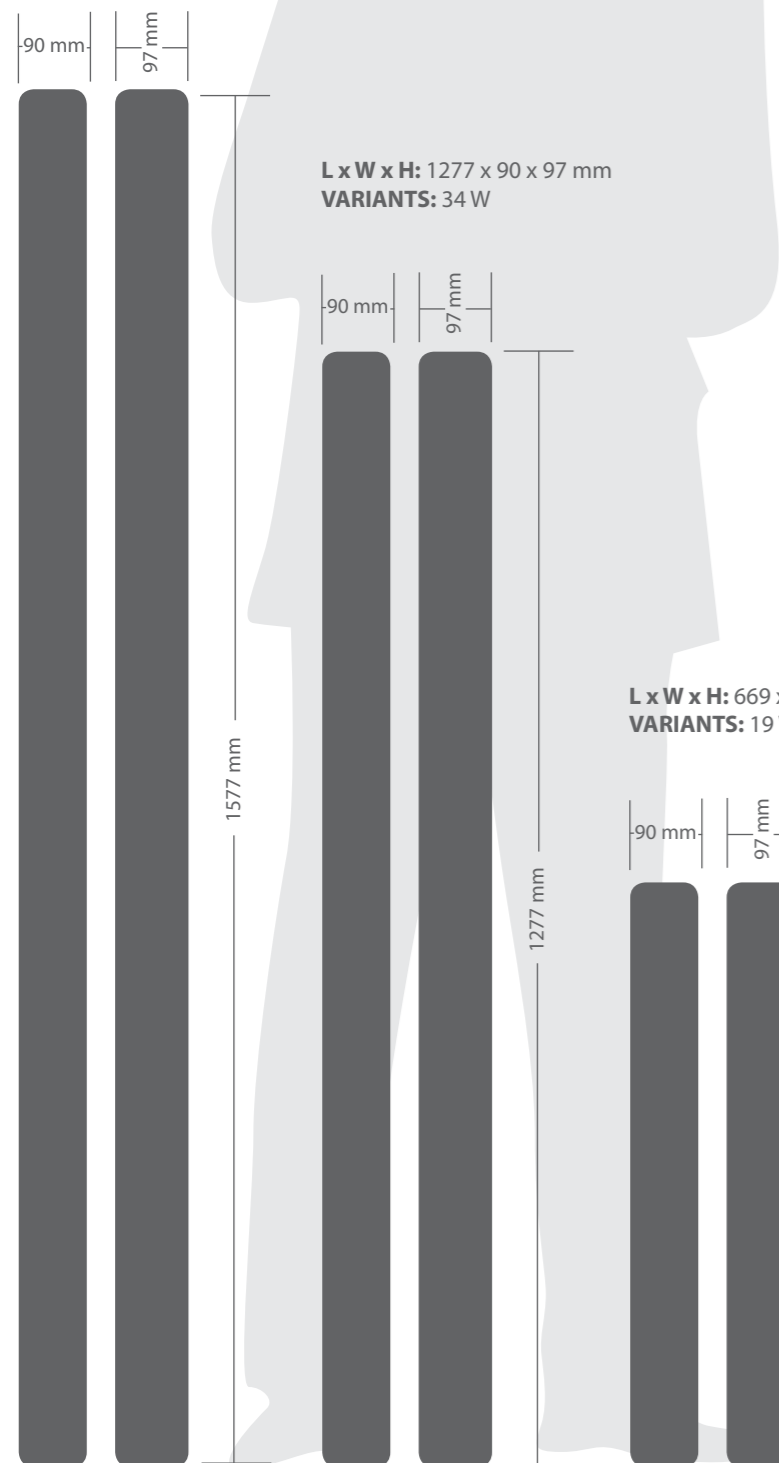


DIMENSIONS

OPTICS

TECHNICAL DATA

L x W x H: 1577 x 90 x 97 mm
VARIANTS: 42W



00 - Opal diffused
 • Mounting height: 1-12 m
 • Beam angle: 112°
 • Variants: 18 - 46 W

REFLECTA® BAS	
Housing	GRP / PC
Light source	LED
Cover	PMMA / PC
Optics	Opal diffuser
Protection	IP65 / IP66 / IP67, IK04 / IK10
Ambient operating temperature	Ta = -20°C to +40°C
Driver	Non-dimming, DALI
Supply voltage	220-240V, 50-60HZ
Power factor	λ = 0,98
Life expectancy	Up to 60.000h L80B20
Luminous efficacy	Up to 145 lm/W
Colour of light	4000 K / 5000 K
Colour rendering index	CRI>80
Warranty	5 years
Made in	Austria (EU)
	BAS¹⁹ BAS³⁴ BAS⁴²
Dimension LxWxH	669 x 90 x 97 mm 1277 x 90 x 97 mm 1577 x 90 x 97 mm
Weight	1,5 kg 2,1 kg 2,6 kg
Power	19 W 34 W 42 W
Luminous Efficiency	145 lm/W

BAS

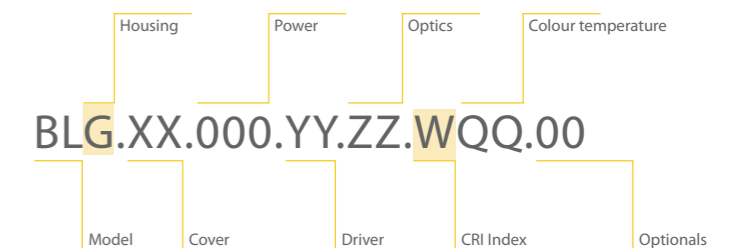
Type code	Lumen output (lm)	Power (W)
BLG.OP.019.xx.yy.zzz.qq	2610	19
BLG.OP.034.xx.yy.zzz.qq	5194	34
BLG.OP.042.xx.yy.zzz.qq	6169	42

BAS PC

Type code	Lumen output (lm)	Power (W)
BLP.PC.019.xx.yy.zzz.qq	2480	19
BLP.PC.034.xx.yy.zzz.qq	4934	34
BLP.PC.042.xx.yy.zzz.qq	5861	42

Codes explanation

Housing	Cover	Driver	Optics	CRI+K
G, P	xx	yy	zz	wqq
G - GRP	OP - Opal PMMA	ND - non dim	00 - Diffused	840
P - PC	PC - Opal PC	DA - DALI dim		850

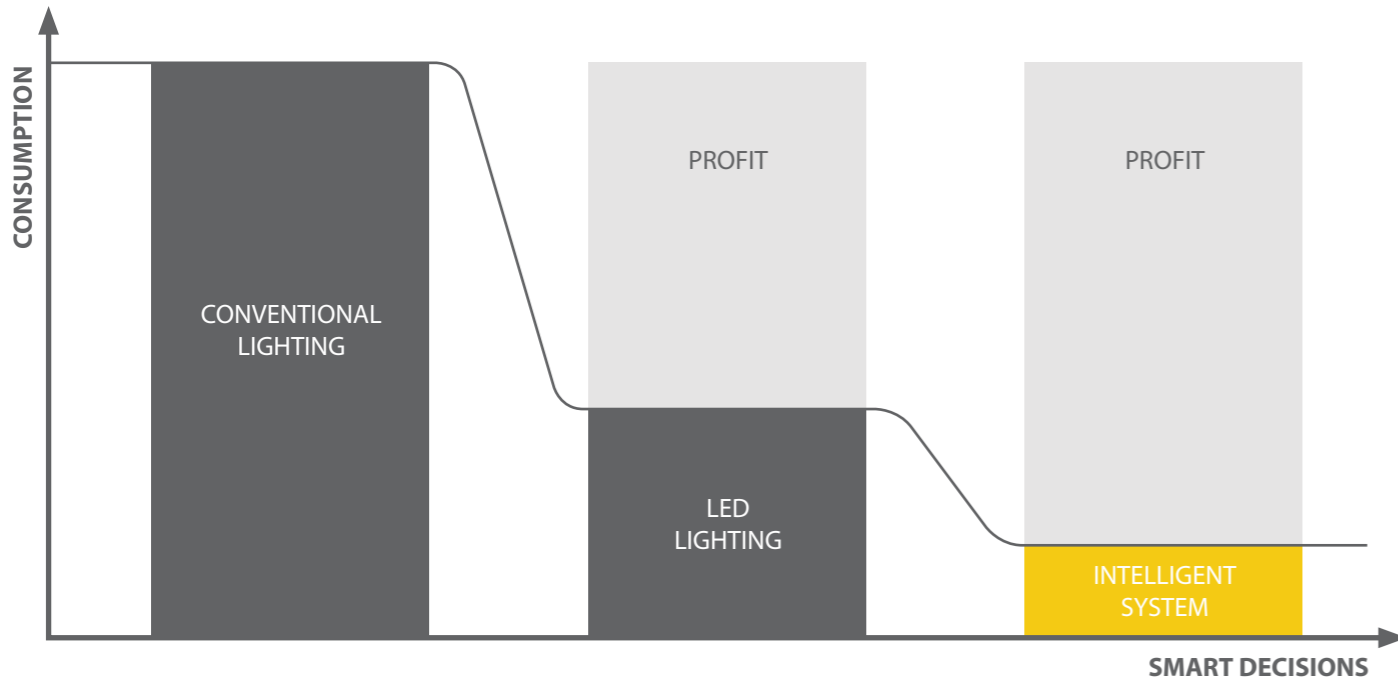




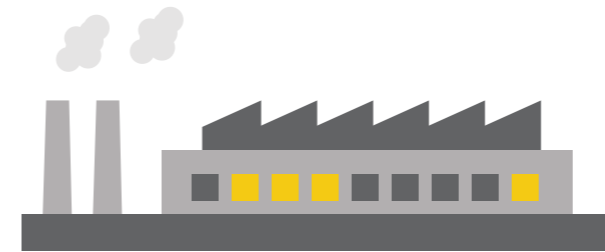
0	0
300	103467
239	45

Why choose 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 the efficiency of an LED lighting system. 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

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

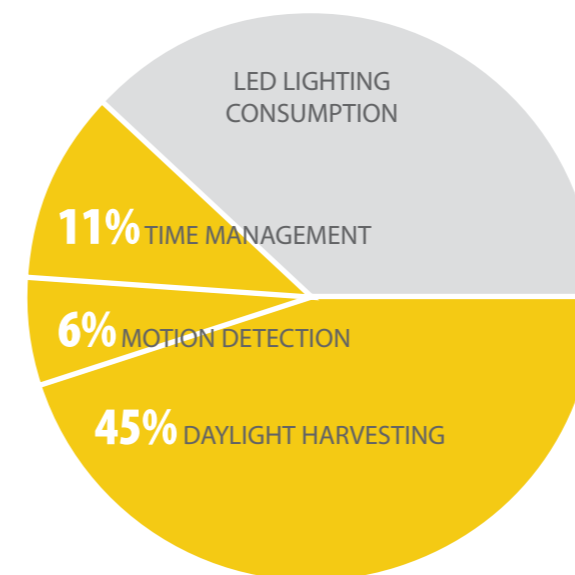


LOGISTICS

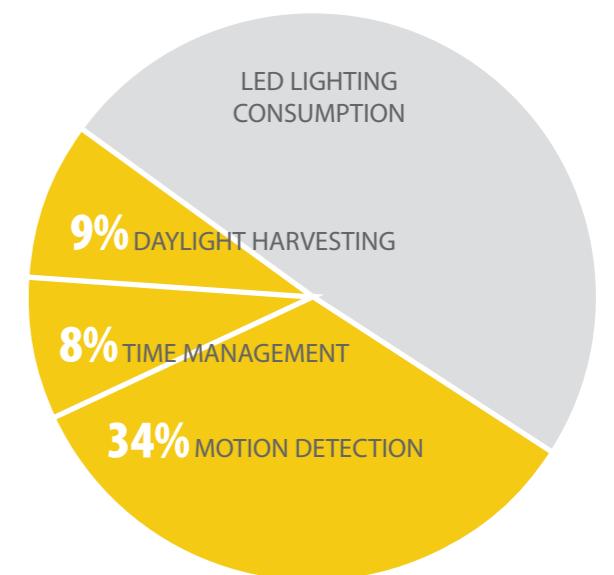
Lighting represents one of the major operating costs in a logistics facility. Choosing the efficient REFLECTA® LED lighting and upgrading it with the REFLECTA® DLight intelligent system offers you perfect illumination wherever and whenever you need it. Moreover, it allows you to always have control over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



62%
ADDITIONAL SAVINGS with DLight system



51%
ADDITIONAL SAVINGS with DLight system

0 Investments

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

0 Costs

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

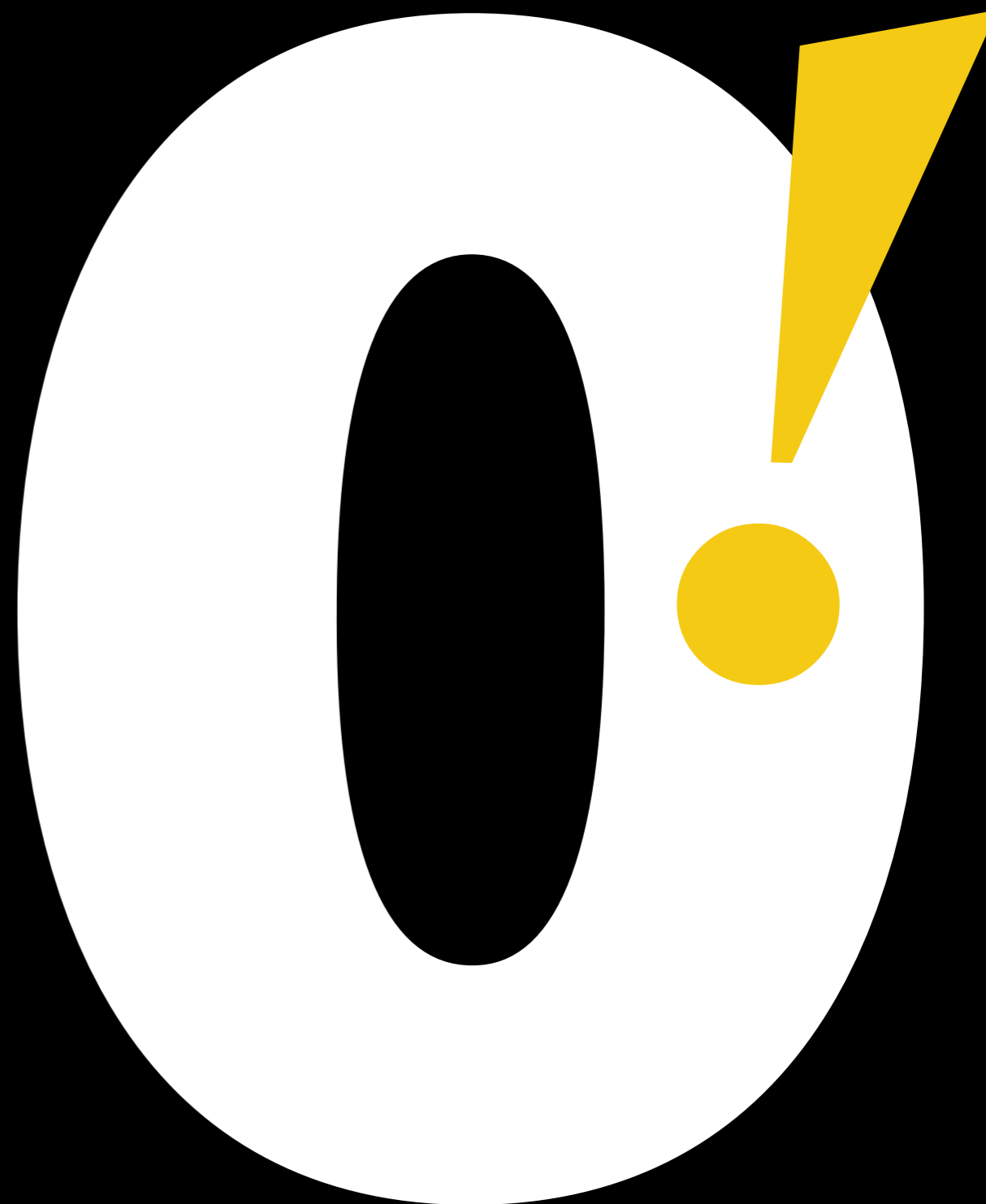
0 Risks

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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