

Illumination | Intuition | Innovation

The only real security that a man can have in this world is a reserve of knowledge, experience and ability.

Henry Ford

# Light is life

4

just that and updating it with the new possibilities the task of modern Illumination design. Using the most GEOLUX is providing one of the most advanced lighting modern tools and materials for design and development solutions on the market.

Giving the LIGHT "Life" by providing innovative design solutions, meeting the needs of modern lifestyle, GEOLUX We have broken down the equation to three basic is providing more than just lighting. Taking energy efficiency in to the equation, we are succeeding to give lighting the "chemistry" needed for modern lighting solutions.

One of the essential needs of all living is LIGHT. By creating By a unique innovative design approach GEOLUX is up to enables us to produce a lighting solution as intuitive to use as lighting was at its beginning.

elements of lighting:

Illumination – Intuition – Innovation.



## Systematic approach with comprehensive solutions

Light is life and life matters. With a new approach With this systematic and logical approach the modto systematization copied from nature GEOLUX is ern lighting planer has a tool in its hands to provide able to provide a unique holistic approach to lighting the client all needed data with a look at the "periodic and provide an easy to use tool for light designers. table of lighting". The GEOLUX range is divided up in The GEOLUX "Periodic table of lighting" provides the to "periodic" groups of applications to make light an user until now unknown logical system explaining "element" of every life and building. and combining all possible lighting combinations.

10 W <b>1100 lum</b>					
Pr L					
ر XS-Small					
18 W 2502 lum	18 W 2502 lum		18 W 2502 lum	26 W <b>2800 lum</b>	18 W <b>2502 lu</b>
PrL	Pr T		Pa 1	Pa 1	Pa
0, 1, 2, 3, 4 S-Small	0, 1, 2, 3, 4 S-Small		0, 1, 2, 3, 4 S-Small	0 M-Medium-S	0, 1, 2, 3, <b>S-Sma</b>
35 W <b>4865 lum</b>	35 W 4865 lum		35 W <b>4865 lum</b>	26 W 2800 lum	35 W <b>4865 lu</b>
Pr L	Pr T		Pa 1	Pa 1	Pa
0, 1, 2, 3, 4 S-Small	0, 1, 2, 3, 4 S-Small		0, 1, 2, 3, 4 S-Small	٥ M-Medium-T	0, 1, 2, 3, <b>S-Sma</b>
50 W 6950 lum	50 W 6950 lum	50 W 6950 lum	50 W 6950 lum	26 W 2800 lum	50 W <b>6950 lu</b>
Pr L	Pr T	Pr F	Pa 1	Pa 1	Pa
0, 1, 2, 3, 4 <b>M-Medium</b>	0 M-Medium-H	0, 1, 2, 3, <b>M-Medi</b> u			
70 W 9730 lum	70 W 9730 lum	70 W 9730 lum	70 W 9730 lum		70 W <b>9730 lu</b>
Pr L	Pr T	Pr F	Pa 1		Pa
0, 1, 2, 3, 4 <b>M-Medium</b>		0, 1, 2, 3, <b>M-Medi</b> u			
80 W 11120 lum	80 W 11120 lum	80 W 11120 lum	80 W 11120 lum		80 W 11120 lu
Pr L	Pr T	Pr F	Pa 1		Pa
0, 1, 2, 3, 4 <b>L-Large</b>	0, 1, 2, 3, 4 <b>L-Large</b>	0, 1, 2, 3, 4 <b>L-Large</b>	0, 1, 2, 3, 4 L-Large		0, 1, 2, 3, <b>L-Larg</b> e
100 W <b>13900 lum</b>	100 W <b>13900 lum</b>	100 W <b>13900 lum</b>	100 W <b>13900 lum</b>		100 W <b>13900 l</b> u
Pr L	Pr T	Pr F	Pa 1		Pa
0, 1, 2, 3, 4 <b>L-Large</b>		0, 1, 2, 3, <b>L-Larg</b> e			
Pate Steels	pate   steet	Pate Steets	Roads Sueets	pate   Steels	Roads Stee
Part	Par	bale	BOOR	Par	PO30

Park Series

Plain I Series



## **Smart** management

## Steps to energy efficient lighting

### 1. Planning:

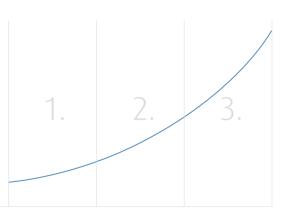
Planning the right solutions is made easy with the GEOLUX optical system and systematic build lighting solutions.

### 2. Technology:

By using state of the art technology GEOLUX products are one of the most efficient on the market.

### 3. Intelligence:

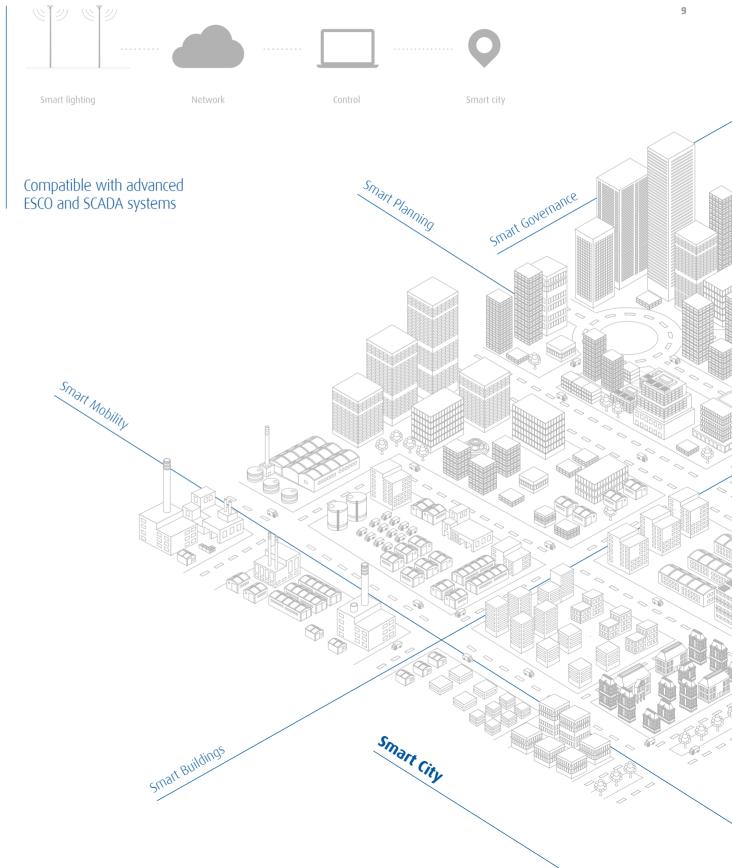
All GEOLUX products can be integrated in all intelligent and smart city Networks. Monitoring and real cost control bring additional benefits for the client.

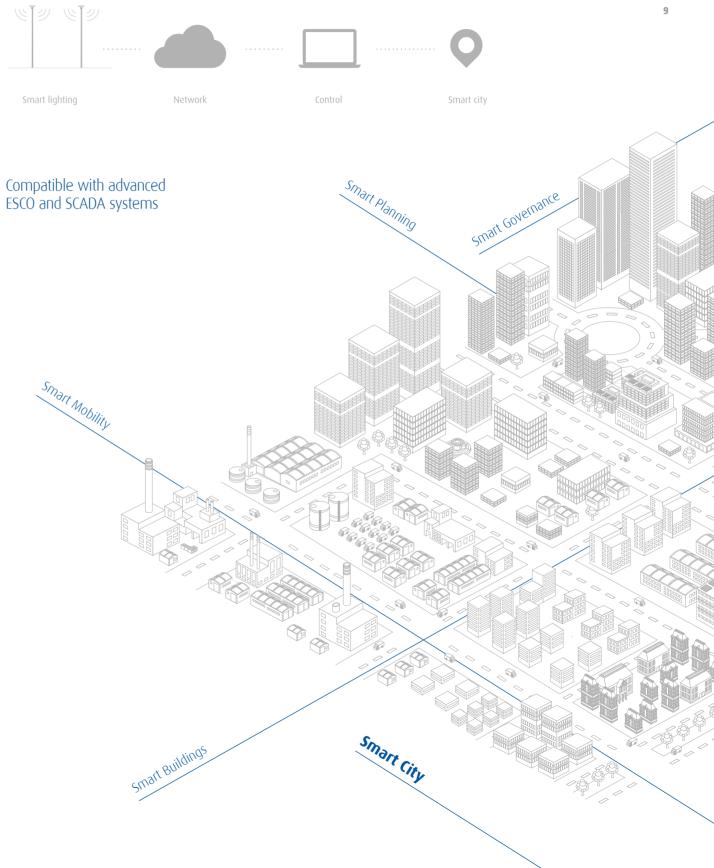


To achieve the full potential of savings with LED lighting there are several steps to efficient lighting. Planning, Norms, Intelligence. By using the full potential of all available technologies that are offered by GEOLUX, our clients can save up to 85% of there electricity bill for lighting.

Intuitive lighting means more than just lighting in- Using the existing infrastructure for dimming setup novation. We are taking this challenge a step further of the illumination combined with a intuitive cost by providing one of the most intuitive guided smart management system gives a perfect base for ESCO lighting solution. The innovative Geolux smart light- investments. Using a universal integrated billing ing solution is bringing together a smart illumination system gives our customer the freedom to set up solution with the smart city management solution its own smart illumination solution and more. of the future. Bringing the benefit of full system Integrating the GEOLUX intuitive system brings us monitoring with the benefit of additional savings directly in to the next generation smart city with the on your energy bill.

possibility of a full integration of almost all city infrastructure. Going as far as the monitoring of public e-mobility filling stations.







Illumination The basic element driving the development of lighting design is energy efficient Illumination without lighting pollution. This has to be taken in to the equation already at the design stage. Geolux is using state of the art design tools to incorporate all needed for a perfect solution already at that stage.

Intuition The greatest discoveries where made by intuition. You can plan a lot but intuition brings everything together to a perfect solution. Geolux feels the intuition by its unique team approach to problems bonding together the elements to a perfect intuitive solution.

Innovation Designing the future by Geolux is one of our key advantages. Providing more than the perfect lighting solution in a modern design package. Designing the bond of all elements to bring together the perfect solution.



## Easy to connect Simple to mount

Enec

Safety class I, II or III

Different mounting diameter options.

10 kV Surge protection

IP 67 connector Click & turn system ----

The ever more challenging environment of energy designed in this philosophy, integrating this feature saving strives for new solution to meet the from the early stage of design. Not just looking in demands of the future. Listening to these demands to easy mounting at the beginning of the life cycle gives GEOLUX the possibility to answer to the but also considering the end of life cycle makes the market with the new "EASY to CONNECT - SIMPLE GEOLUX "3i" a environmentally friendly lighting to MOUNT" philosophy. Every GEOLUX luminaire is solution



The GEOLUX product line is prepared for all challenges and demands on the market by integrating enables the GEOLUX products to be adopted to all infrastructure situations with a twist of your hand. GEOLUX has incorporated the same versatility to the optical system. The Tuneoptics is providing the light



# **Geolux Easyjust™ and Tuneoptics™ systems**

Tuneoptics<sup>™</sup> adjustable lense system covers:

ME

class road standards

S class road standards

CE class road standards

> and all other classification standards

designers with the lighting freedom they need to realize ever more demanding project without adoptthe Geolux Easyjust system. This unique feature ing the infrastructure. The combination of these two unique features combined with "Easy to connect Simple to mount" philosophy gives the GEOLUX products much needed advantage in cost effective lighting solutions.





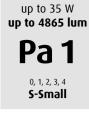




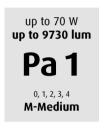
Sophisticated design, minimalism and personalization of colors are the key features of the revolutionary LED luminaires Geolux Plain I series. Suitable for all illumination tasks in modern urban environments.

Integrated design approach, utilising the Geolux 3i development system, provides one of the best cost benefit lighting solutions on the market.

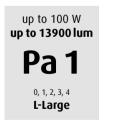
Using only best components gives customer the se-

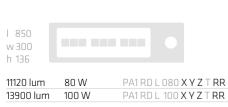














XX - Optic option (please refer to chart) / Y - Color temperature option (3=3000K, 4=4000K, 5=5000K) / Z - Dimming option (O - No dimming, 1 - 1-10V, 3 - 50%, 4 - 0-10V) / RR - Diameter option (60 or 78)













Powder coated in DB703 high protective color. Exchangeable LED engine with latest generation of high power LED light sources. Dedicated specially designed LED lense system for different lighting applications. High quality ENEC certified components.

Standard post top mounting for 60 diameter pole, 76 diameter on request.

### **Applications**

Parks Squares Parkings Streets

## **Optics**

ME S CE

## Dimming

Dali (on request) Standard 50% dimming 1-10V 0-10V



# Plain |

- Ultra slim housing made of high grade Al with optimized heat conductivity properties.

  - Easy to access in pole driving gear.
  - Different dimming options available on request.

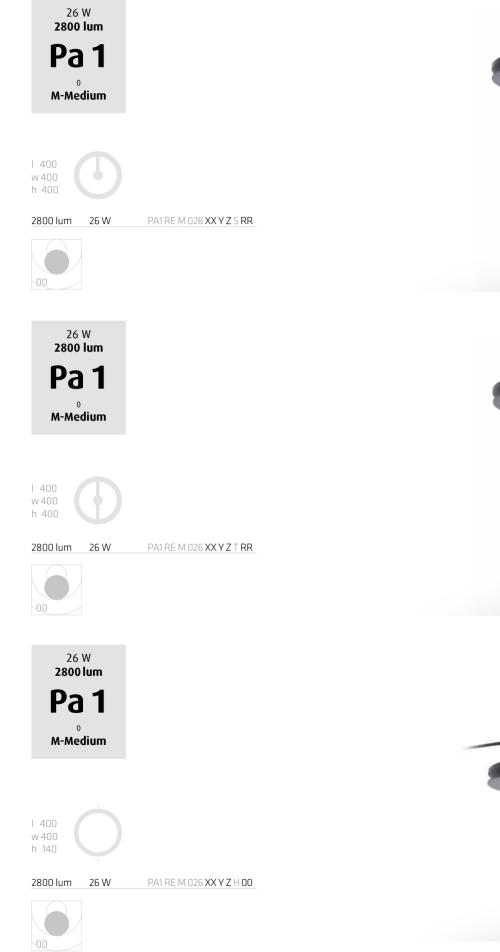




Plain | Retro

Plain Retro sub family is developed for illumination of parks, squares and other walking areas. Specially designed for the illumination of architectur-

ally demanding spaces where glare reducing properties of this optical system are appreciated.





# Plain | Retro

"Retro" version is featuring the design language of the Plain I line. Ultra slim Housing made of high grade Al for optimized heat conductivity. Powder coated in DB 703 high protective color. Opal low glare light output cover for comfort view. High quality ENEC certified components. Direct on board drive gear. Mounting design options.

## Applications

Parks Squares

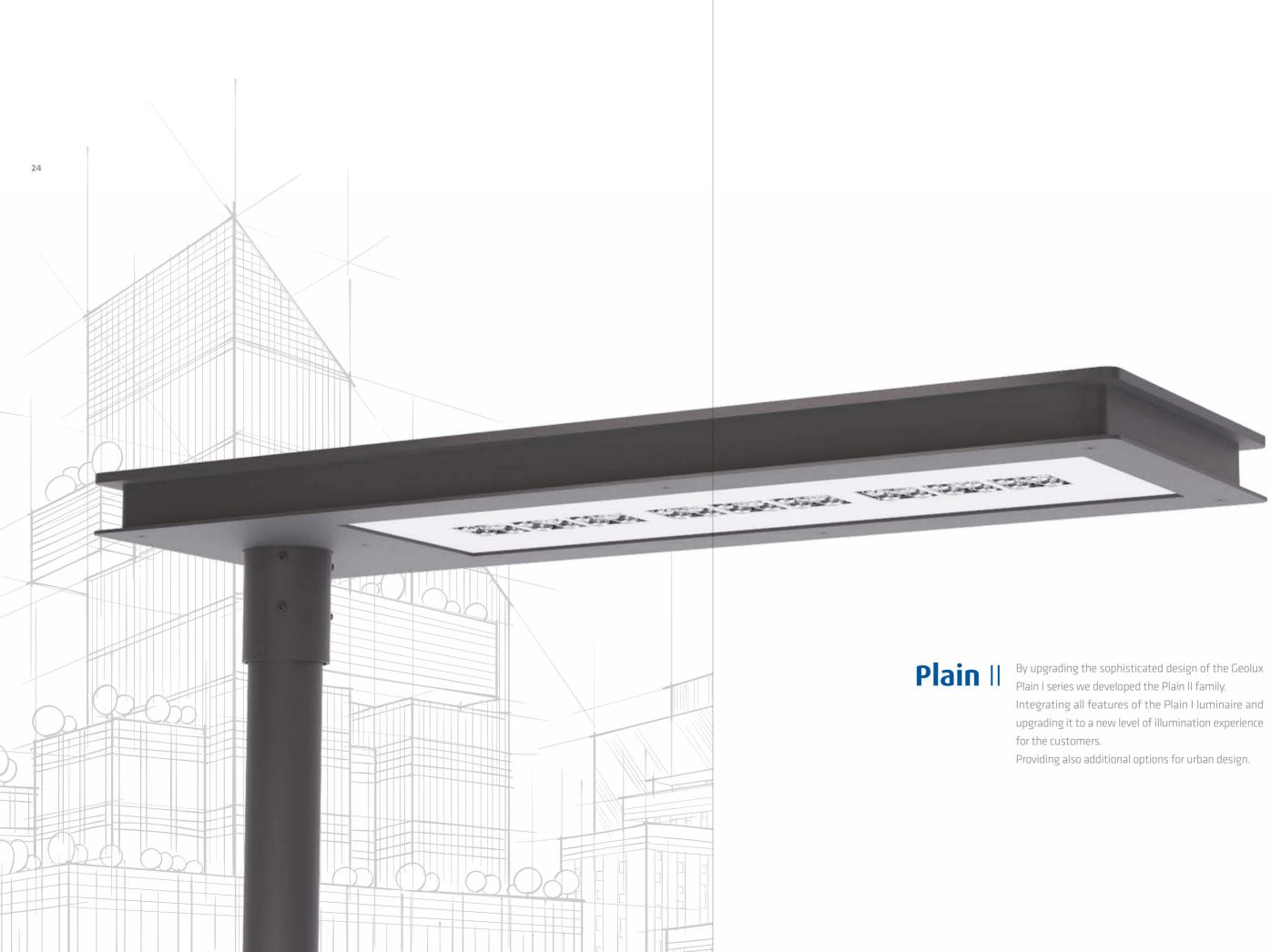
Optics Opal - low glare

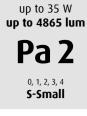
Dimming Standard

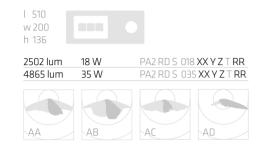
CE SAART SSCO SSCO SEARCH LIFETIME SO ILOR = 0 1P65

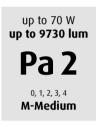
 $\begin{array}{l} XX - \mbox{Optic option (please refer to chart) / Y - \mbox{Color temperature option (3=3000K, 4=4000K) / } \\ Z - \mbox{Dimming option (0 - No diming) / RR - Diameter option (60 or 78) } \end{array}$ 

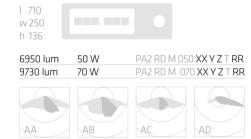


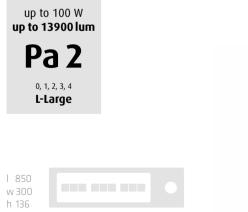
























Powder coated in DB703 high protective color. Exchangeable LED engine with latest generation of high power LED light sources. Dedicated specially designed LED lense system for different lighting applications. High quality ENEC certified components. Integrated drive gear.

Different dimming options available on request.

Standard post top mounting for 60 diameter pole, 76 diameter on request.

### **Applications**

Parks Squares Parkings Streets

## **Optics**

ME S CE

### Dimming

Dali Standalone 1-10V 0-10V



- Slim housing made of high grade Al with optimized heat conductivity properties.









By integrating a wall mount holder in the unique PLAIN design gives a never seen before possibility for integration into modern architecture. Despite minimalist appearance the GEOLUX PLAIN wall mount is integrating all key features of the PLAIN II Family and the GEOLUX 3i system of illumination.

Making the GEOLUX PLAIN II was even more versatile. But still, using the same style was the key goal when creating the PLAIN II wall mount.





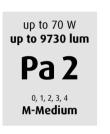


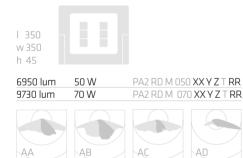
2502 lum

4865 lum

### PA2 RD S 018 XX Y Z T RR 18 W 35 W PA2 RD S 035 XX Y Z T RR















XX - Optic option (please refer to chart) / Y - Color temperature option (3=3000K, 4=4000K, 5=5000K) / Z - Dimming option (0 - No dimming, 1 - 1-10V, 2 - Dali, 3 - 50%, 4 - 0-10V) / RR - Diameter option (60 or 78)







- Slim housing made of high grade Al with optimized heat conductivity properties. Powder coated in DB703 high protective color. Exchangeable LED engine with latest generation of high power LED light sources. Dedicated specially designed LED lense system for different lighting applications. High quality ENEC certified components. Integrated drive gear. Different dimming options available on request.
- Fully integrated mounting bracket adjustable in 10 degrees steps for perfect adjustability.



### **Applications**

- Parks
- Squares
- Parkings
- Facade mounting

## Optics

- ME
- S
- CE

### Dimming

- Dali Standalone 1-10V
- 0-10V





Plain || Retro By following the same logic of covering a complete urban design we developed the Plain II Retro subfamily. The ability to provide also street illumination by all valid standards makes this unique luminaire standing out of standard solutions.

## Plain || Retro

Slim Housing made of high grade Al with optimized heat. Conductivity properties and integrated enclosed electronics. Powder coated in DB 703 high protective color. Exchangeable LED engine with latest high power generation. LED light sources and special designed LED lense system.





up to 39 W **up to 3400 lum** Pa 2 0, 1, 2, 3, 4 M-Medium



3400 lum

PA2 REM 024 XX Y Z T RR PA2 REM 039 XX Y Z T RR

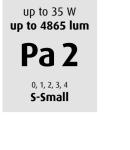


39 W

XX - Optic option (please refer to chart) / Y - Color temperature option (3=3000K, 4=4000K, 5=5000K) /
Z - Dimming option (0 - No dimming, 1 - 1-10V, 2 - Dali, 3 - 50%, 4 - 0-10V) / RR - Diameter option (60 or 78)

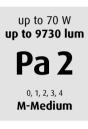














6950 lum	50 W	PA2 RE M 050 <b>XX Y Z</b> S <b>RR</b>
9730 lum	70 W	PA2 RE M 070 XX Y Z S RR
AA	AB	





up to 35 W up to 4865 lum Pa 2 0, 1, 2, 3, 4



S-Small



up to 70 W up to 9730 lum Pa 2

AA

0, 1, 2, 3, 4 **M-Medium** 



6950 lum 50 W

70 W

9730 lum









Plain III

Growing natural in design and features, Plain III is natural to round up all urban design. Featuring all of the benefits in street light developed by Geolux, the "tree" stands out of the uniformed world of lighting. Offering all the technical benefits of the Plain lines with additional freedom in design the "tree" will grow on your project. The throughhole pole fastening system lets you chose all materials and shapes for your project.

# Plain III

Slim Housing made of high grade Al with optimized heat. Conductivity properties and integrated enclosed electronics. Powder coated in DB 703 high protective color. Exchangeable LED engine with latest high power generation. LED light sources and special designed LED lense system.

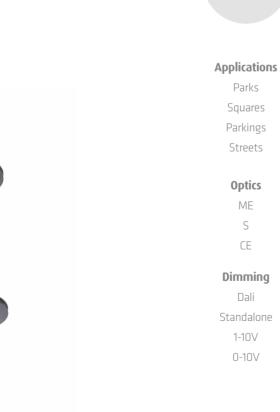
Parks

Squares Parkings Streets

> Optics ME S CE

Dimming Dali Standalone

> 1-10V 0-10V



1

-

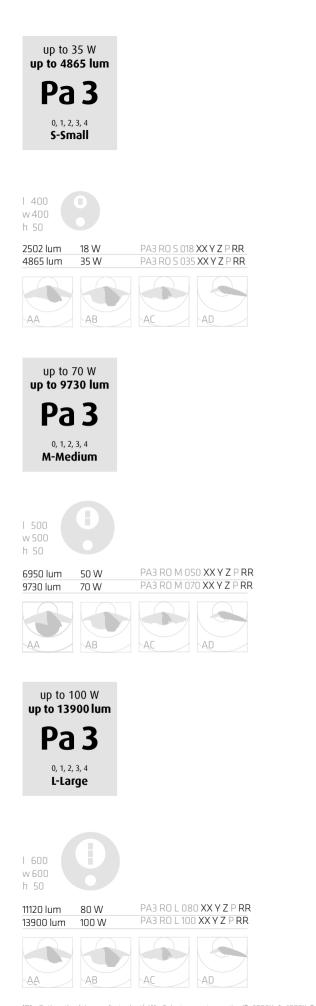
CE SMART LED SALATION SCORE AND ALL AN









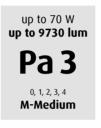




## up to 35 W up to 4865 lum Pa 3 0, 1, 2, 3, 4 **S-Small**









9730 lum 70 W PA3 SQ M 050 **XX Y Z** P **RR** PA3 SQ M 070 XX Y Z P RR



up to 100 W **up to 13900 lum** Pa 3 0, 1, 2, 3, 4 L-Large



l 850 w 300 h 50			
11120 lum 13900 lum	80 W 100 W	,	XX Y Z P (X Y Z P

XX - Optic option (please refer to chart) / Y - Color temperature option (3=3000K, 4=4000K, 5=5000K) / Z - Dimming option (0 - No dimming, 1 - 1-10V, 2 - Dali, 3 - 50%, 4 - 0-10V) / RR - Diameter option (60, 78 or 10 (100))



ed luminaire-mast system for demanding architects

With comprehensive light engine system ParkLine luminaires provide illumination according to all valid

Designed in three different standar layouts thay can be used as street illumination, combination of street and sidewalk illumination or as pure design elements

## Park

Integrated luminaire heads in to pole structure with high heat conductivity properties and integrated enclosed electronics. Powder coated in DB 703 or high protective color. Optional "corten" outer lining. Exchangeable LED engine with latest generation of high power LED light sources. Luminaire and pole dimension accordingly to pole height statically adopted to height and style. L stile – one luminaire has one side / F and T stile - two luminaires have both sides on different or same height.





10 W 1100 lum PC xs-small



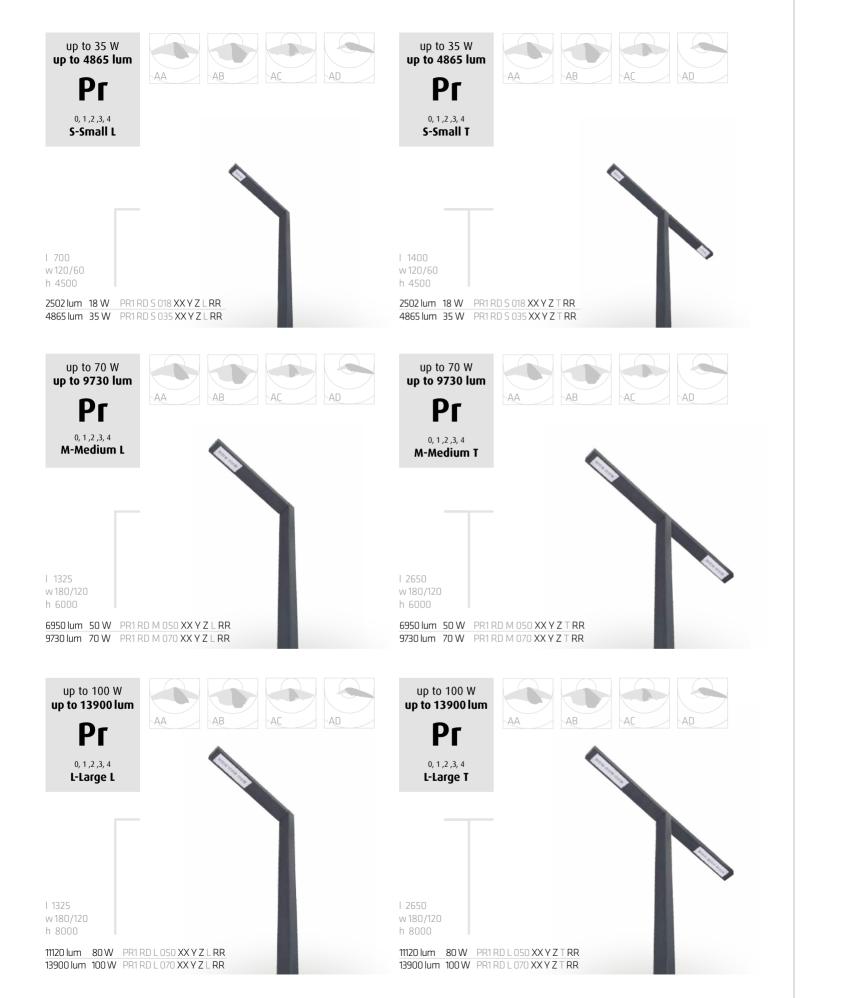
.....

l 280 w 80/50 h 900

PR1 RD XS 010 XX Y Z L RR

 $\begin{array}{l} XX \ - \ \text{Optic option (please refer to chart) / } Y \ - \ \text{Color temperature option (3=3000K, 4=4000K, 5=5000K) / } Z \ - \ \text{Dimming option (0 - No diming) / } R \ - \ \text{Stile option (L,T,F)} \end{array}$ 





Al lumen packages and wattages for one luminary only

11120 lum 80 W PR1 RD L 050 XX Y Z F RR

13900 lum 100 W PR1 RD L 070 XX Y Z F RR

Color options:

Antracit

Options

up to 70 W

up to 9730 lum

Pr

0, 1 ,2 ,3, 4

M-Medium F

l 2650

w 180/120

up to 100 W

up to 13900 lum

Pr

0, 1, 2, 3, 4

L-Large F

w 180/120

h 8000

6950 lum 50 W PR1 RD M 050 XX Y Z F RR

9730 lum 70 W PR1 RD M 070 XX Y Z F RR

ΔΔ

AB

Ar

h 6000

# Indu II

The INDU II LUMINAIRE family is designed without compromising the functionality. With the flat head control surface it is assured that the best possible heat conduction is provided even in the most demanding environments.

With different illumination patterns the INDU II luminaires are suitable for all industrial and logistic applications.



# Indu II

Frame made out of high grade Aluminium for long lasting stability. Optimized LED light engine with integrated heat management. High flow lense material for optimum light efficacy. Wide range of additional equipment to cover all tasks. Electrial protection class I and surge protection up to 10kV.

> Applications Industry Sport Warehouses Petrol stations

### Optics

Wide (60°) Narrow (120°)

### Dimming

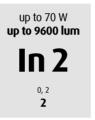
Dali Standalone 1-10V 0-10V



up to 35 W up to 4800 lum

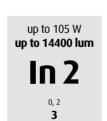
> 0, 2 **1**









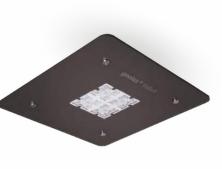




14400 lum 105 W IN2 HB03 105 XX Y Z H



 $\begin{array}{l} XX - \mbox{Optic option (please refer to chart) / } Y - \mbox{Color temperature option (3=3000K, 4=4000K, 5=5000K) / } Z - \mbox{Dimming option (0 - No dimming, 2 - Dali,)} \end{array}$ 















18000 lum 140 W IN2 HB04 035 XX Y Z H











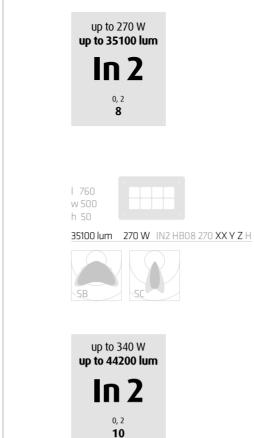








SB











Wall / Ceiling mounting frame Order No. 700020

Wiring through for easy installation Order No. 700030

Easy top installation wiring Order No. 700040















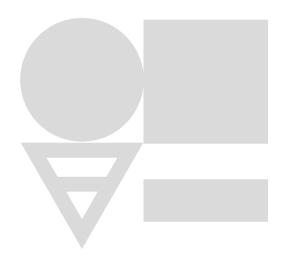
For suspended installation

Order No. 700050









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