



Villa A





Engineered Technical Polymer S7

Technical Reinforced Polymer of our own original formula with unique features: Electrical shock free, immune to corrosion and vandal-proof.

Technical polymers submitted to 3000 hours of UV radiation (S/UNE 53104/86). With no alteration of colour shown.



Class II +: Much more than Class II

Fully insulating ATP Techno-polymers that eliminate any possibility of electric shock. Dielectric strength of 175,000 Volts.



Laminar Heatsink®

Designed and internationally patented by ATP to maximize the lifespan of our new generation of high performance LED luminaires.



Comfort Diffuser®

Diffuser designed to improve pedestrian visual comfort on LED systems.

Outstanding performance.

The lighting results are not affected due to a rigorous photometric control.



High Impact Transparent Tropicalized Thermo-Polymer T5

High Impact Transparent Tropicalized Thermo-Polymer T5 stabilized against UV radiation. Own formulation and chemical polishing technology to achieve an extraordinary transparency and transmittance. Impact resistance 200 times higher than glass.

Villa A

ATP lighting
10 YEAR WARRANTY
IMMUNE TO CORROSION
STREET LIGHTING

Unique Characteristics



Immune to Corrosion
Built with raw materials that are not susceptible to corrosion.



IP66+ Totally Hermetic
Several devices assure sealing of the luminaire in any situation providing full protection to all elements in the interior.



IK10+ More than Antivandalic
Over 50 Joules impact tests approved.
This is more than 200% IK EN 50102 Standard.



Electrical Shock Free
Insulating materials that do not conduct electricity avoiding an electrocution danger.



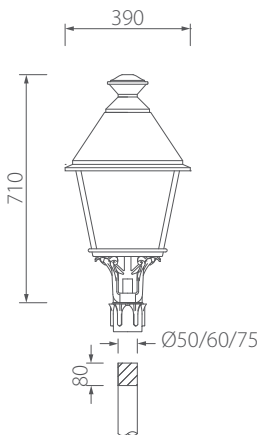
100% Recyclable
Built with 100% recyclable and cost effective reusable materials reducing waste to 0%.



10 year warranty
The highest warranty in the field.



Dimensions



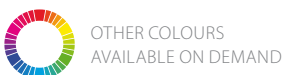
Technical Characteristics

COUPLING	Ø 75 mm.
ADAPTOR	Ø 75, 100, 120 mm.
VOLTAGE (Volts)	Electromagnetic discharge: 230V 50Hz 220V 60Hz 240V 60Hz Electronic discharge: 208-277V 50/60Hz LED: 90-305V 50/60Hz
IP PROTECTION GRADE	IP66.
IK PROTECTION GRADE	IK10.
ELECTRICAL INSULATION	Class II.
WARRANTY	10 years on luminaire.
RECOMMENDED MAX. HEIGHT	5 m.
PRODUCT CERTIFICATION	CE (HPS, MH and LED) N (HPS and MH) ENEC (HPS and MH) ANCE
WEIGHT WITHOUT GEAR	6,6 Kg.
PHOTOCELL	On request.

Available Optics

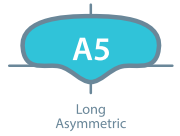
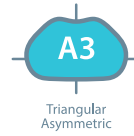
HPS / MH			
	150W Max.		
	150W Max.		
LED			
	LED35	LED55	LED75
	LED35	LED55	LED75
	LED35	LED55	LED75
	LED35	LED55	◦
	◦	LED55	LED75
	LED35	LED55	LED75

Standard Colours



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Module LED35

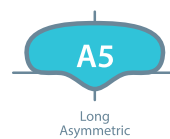
LED	24 High Power Encapsulated LEDs		REAL EFFICIENCY	120,4 Lm/W
LED LIGHTING CHARACTERISTICS	Color Temperature *	4000K	LONGEVITY L80B10 **	> 51.400 h
	Chromatic Rendering Index (CRI)	>70		
POWER SUPPLY	Forward Current	430 mA	REAL LUMINOUS FLUX ***	4.310 Lm
	Vmax	48 VDC		
	Power	30,4 W		

Driver LED35

ELECTRIC SPECIFICATIONS	Frecuency	47~63Hz	INPUT VOLTAGE RANGE	90~305 VAC
	Output Current	Constant Current		
LONGEVITY	Average life (Ta= 50°C, 75% Charge)	109.512 h	POWER FACTOR	≥0,95 (@230VAC)
	Mean Time Between Failures (MTBF) (Model MIL-HDBK-217F, 25°C)	438.800 h		
			POWER (MODULE + DRIVER)	35,8 W

* Module + Driver | Flux Variation: ±6,5% | Optic A1
Due to the continuous improvement of our module, the light flux can be higher.
** LED estimated life with a 20% flux depreciation and 10% of LEDs damaged.
*** Ask the Technical Department for other values.





Module LED55

LED 24 High Power Encapsulated LEDs

LED LIGHTING CHARACTERISTICS
Color Temperature * 4000K
Chromatic Rendering Index (CRI) >70

POWER SUPPLY
Forward Current 670 mA
Vmax 48 VDC
Power 48,6 W

REAL EFFICIENCY 119,6 Lm/W

LONGEVITY L80B10 ** > 51.400 h

REAL LUMINOUS FLUX *** 5.981 Lm

Driver LED55

ELECTRIC SPECIFICATIONS
Frequency 47~63Hz
Output Current Constant Current

LONGEVITY
Average life 78.996 h
(Ta= 50°C, 75% Charge)
Mean Time Between Failures (MTBF) 440.500 h
(Model MIL-HDBK-217F, 25°C)

INPUT VOLTAGE RANGE 90~305 VAC

POWER FACTOR ≥0,95 (@230VAC)

POWER (MODULE + DRIVER) 50,0 W

* Module + Driver | Flux Variation: ±6,5% | Optic A1
Due to the continuous improvement of our module, the light flux can be higher.
** LED estimated life with a 20% flux depreciation and 10% of LEDs damaged.
*** Ask the Technical Department for other values.





Module LED75

LED	24 High Power Encapsulated LEDs		REAL EFFICIENCY	112,6 Lm/W
LED LIGHTING CHARACTERISTICS	Color Temperature *	4000K	LONGEVITY L80B10 **	> 51.400 h
	Chromatic Rendering Index (CRI)	>70		
POWER SUPPLY	Forward Current	700 mA	REAL LUMINOUS FLUX ***	9.450 Lm
	Vmax	48 VDC		
	Power	77 W		

Driver LED75

ELECTRIC SPECIFICATIONS	Frecuency	47~63Hz	INPUT VOLTAGE RANGE	90~305 VAC
	Output Current	Constant Current		
LONGEVITY	Average life (Ta= 50°C, 75% Charge)	133.455 h	POWER FACTOR	≥0,95 (@230VAC)
	Mean Time Between Failures (MTBF) (Model MIL-HDBK-217F, 25°C)	394.900 h		
			POWER (MODULE + DRIVER)	83,9 W

* Module + Driver | Flux Variation: ±6,5% | Optic A1
Due to the continuous improvement of our module, the light flux can be higher.
** LED estimated life with a 20% flux depreciation and 10% of LEDs damaged.
*** Ask the Technical Department for other values.

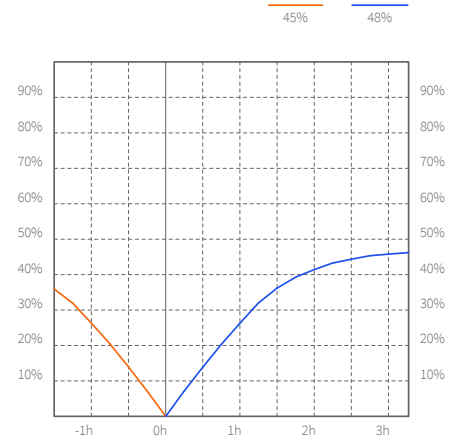
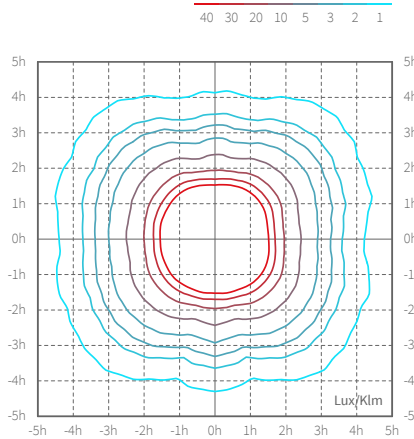
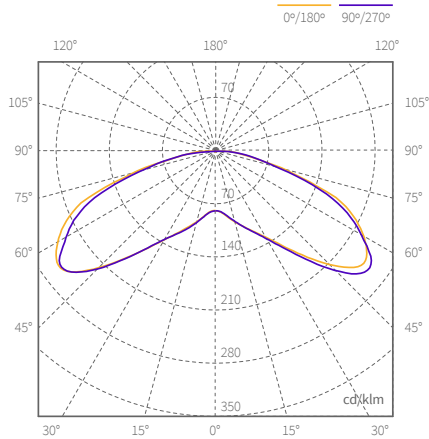
Real Data

In ATP we don't work with theoretical data. We offer real photometric data to our customers, measured in our Photometric Laboratory following the strict guidelines for LED luminaires of the Spanish Lighting Committee.

Villa A

S1 LED Square Symmetric

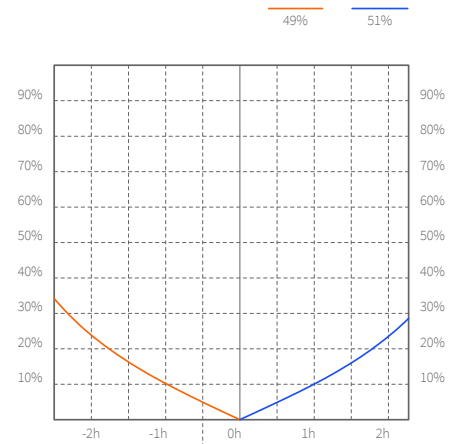
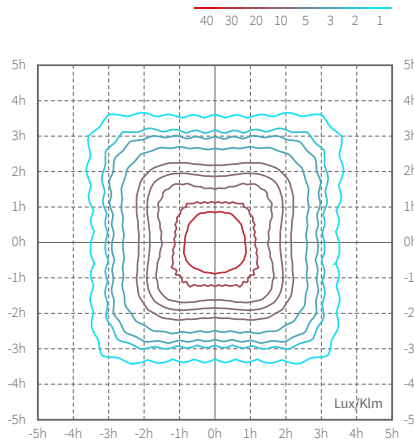
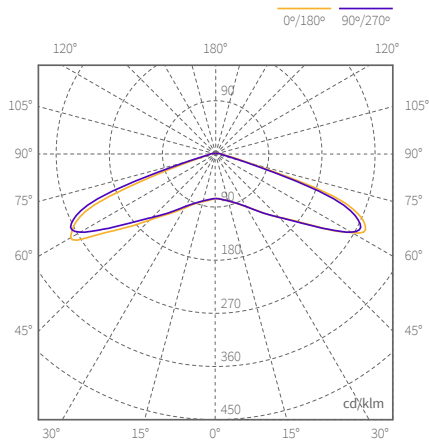
LED 35 LED 55 LED 75



Diagrams correspond to:
LED55

S2 LED Square Symmetric

LED 35 LED 55 LED 75



Diagrams correspond to:
LED55

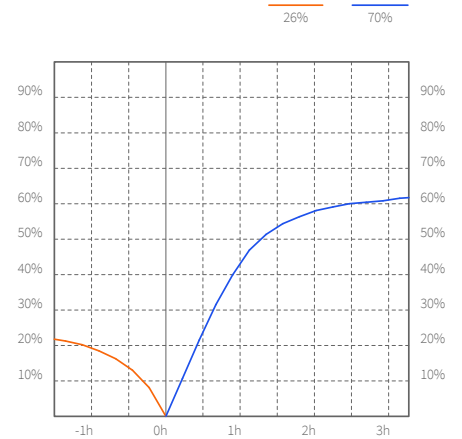
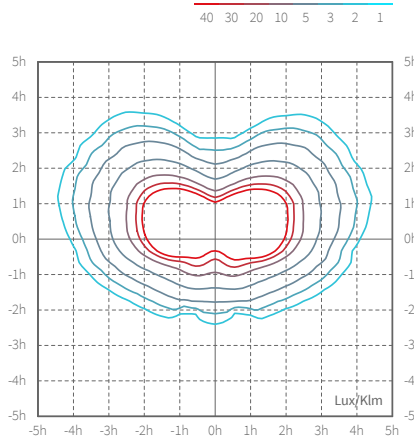
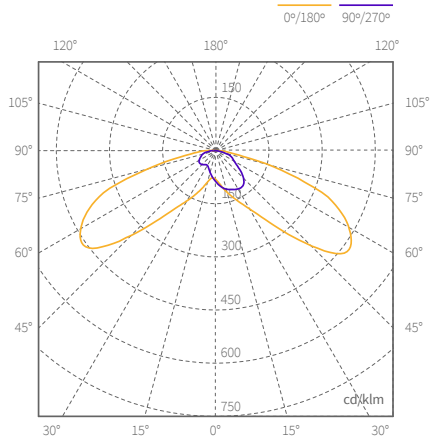


More information:
www.atplighting.com

Villa A

A1 LED Long Asymmetric

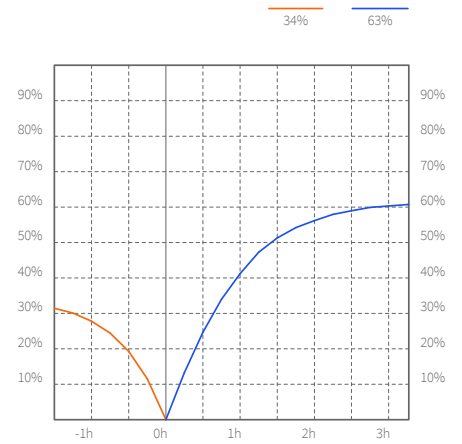
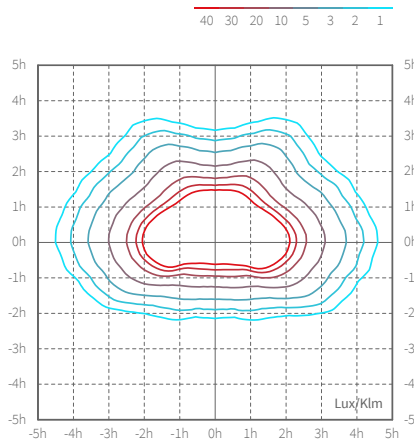
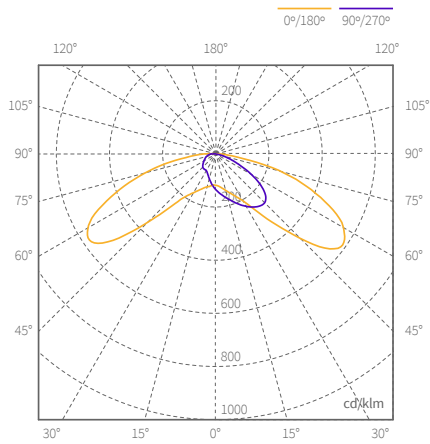
LED 35 LED 55 LED 75



Diagrams correspond to:
LED55

A3 LED Triangular Asymmetric

LED 35 LED 55



Diagrams correspond to:
LED55

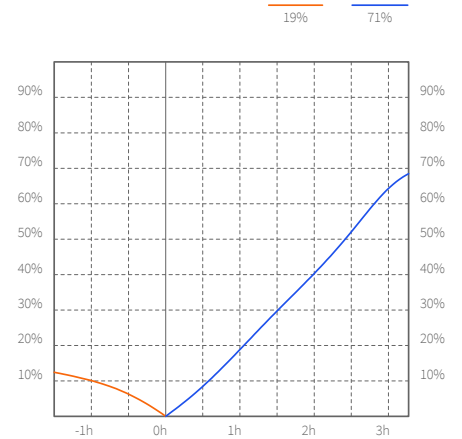
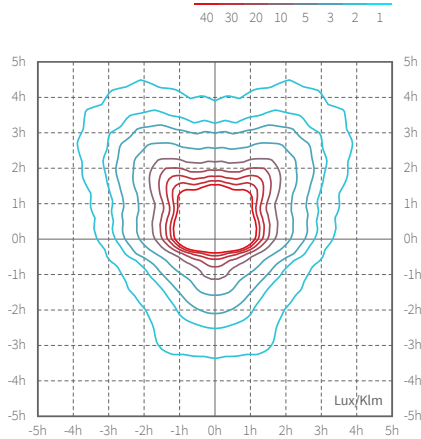
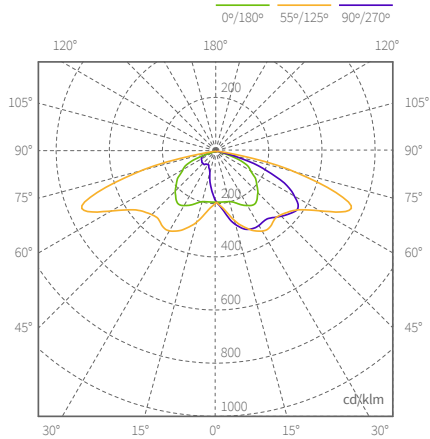


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Villa A

A4 LED Long Asymmetric

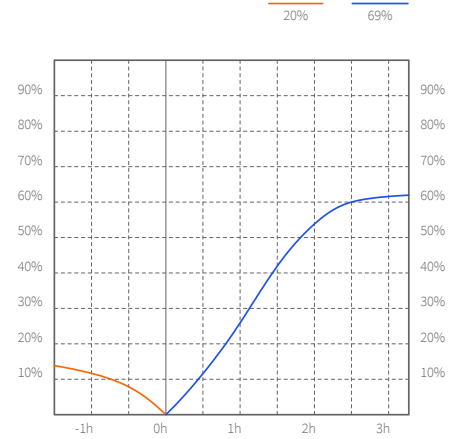
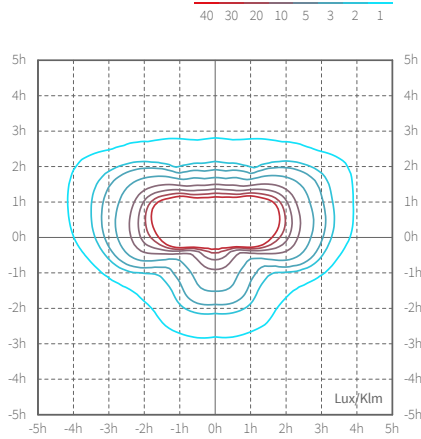
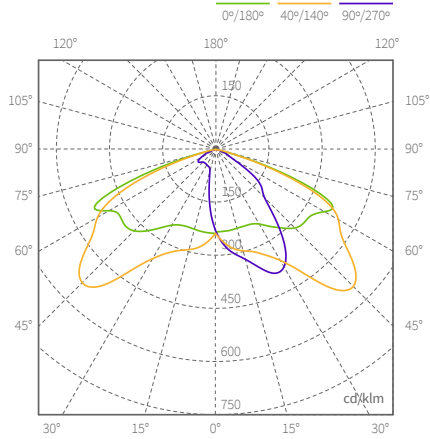
LED 55 LED 75



Diagrams correspond to: LED55

A5 LED Wide Asymmetric

LED 35 LED 55 LED 75



Diagrams correspond to: LED100



More information:
www.atplighting.com

Technical Specifications

DESIGN

In ATP-Lighting we develop our street light fixtures taking into consideration

The reflection, diffusion, transmission and refraction of light.

Security: electrical insulation CLASS II

Durability of the used materials, even in humid environments and areas with a high degree of salinity.

The pressure differences caused by switching the light on and off. Each ATP street light fixture contains a hydrofobic membrane for pressure compensation.

Hermetically sealed: we reach IP66 in all our products, which guarantees:

Constant light output

Enlargement of the operating gear lifetime

Reduction of maintenance costs.

CONTROL GEARS

All ATP Light Fixtures are supplied with:

Possibility of standard or double level ignition equipment

Standard ignition equipment including:

Reactance with termic protector

Condensers with siliconic wiring

Independent starter wich guarantees a longer operating gear lifetime

Double level ignition equipment including:

Reactance with termic protector

Condensers with siliconic wiring

Independent starter wich guarantees a longer operating gear lifetime

Comutation relay

For LED technology the gears are supplied with electronic driver (constant flow).

It is possible to add a regulation module.

ELECTRIC WIRING

Certified by CELENEC; HAR trademark.

Internal sections of minimum 1.5 mm²

Insulated with fireproof VO class silicones (self-extinguishing)

Double insulation hoses with VO class silicone

Tube connector IP68

RESISTANCE TO CORROSION

Materials totally resistant to corrosion. Screws made of stainless steel.

MATERIALS

Made with durable materials even in humid environments and high salinity.

Finishing, cover, cup and base:

Made of reinforced, technical polymers submitted to 3000 hours of UV radiation (S/UNE 53104/86). With no alteration of colour shown.

Diffuser:

Thermo-polymer transparent high impact tropicalized T5 stabilized against UV radiation.

MAINTENANCE

No maintenance required.

Easy cleaning in and outside using water and detergent applied with sponge.

Independent and extractable gear trays for an easy handling.

VANDAL PROOF

The materials as well as the constructive characteristics (diffusors made of one piece, 4mm thickness , etc.), make ATP light fixtures extremely impact resistant.

This resistance doubles IK10 standards, established by the UNE-EN 50102/A1 norm.

MOUNTING POSIBILITIES

Brackets and poles of diameters 50, 60 and 75 mm.

Standard couplings 75 mm.

INSULATION

Class II

PROTECTION GRADES

Integral sealing IP66

Impact protection IK10

CERTIFICATES

AENOR ENEC 01, ANCE