

2855

METEOR

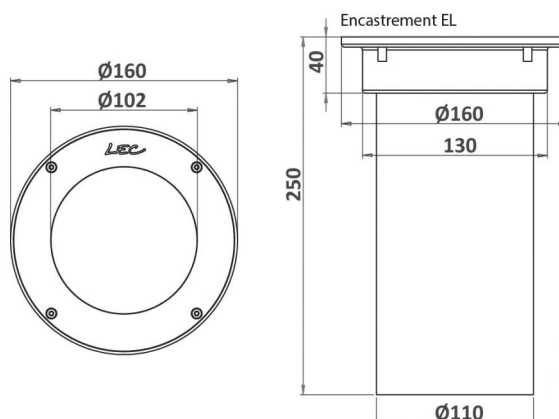
«Maxi» version in the round flush recessed raking light range.

APPLICATIONS:

- Highlight architectural features, street furniture, landscapes...
- Uniform facade lighting
- Squares and public places

CARACTERISTICS

- Colourless anodised aluminium body and flange
- Vandalproof organic glass window
- 316L Stainless steel screws
- Installs in dedicated recess plate
- RGB options available



Number of LEDs	12
Type of LEDs	Power LEDs. Contact us for hot countries.
Color(s)	Warm white 2700K (F), Warm white 3000K (E), Neutral white 4000K (N), Cool white 6000K (W), Red (R), Amber (O), Green (V), Blue (L), Royal blue (K)

Select your specific requirements with our product configurator, by filtering technical criteria at the following link:

<http://www.lec-lyon.com/2855-meteor-r135>

APPLICATION



Outdoor lighting

Standard flux : **2676 lm**

This value is gained from the optimum output of the LED number, inclusive of optic, for a cool white LED (6000K)

CONFIGURATEUR.EMPLACEMENT



Ground flush recessed fittings



Ground recessed fittings

CARACTERISTICS

Weight : **860 g**

Options of luminous effects



RGB options



20° deflected beam (option)



Non adjustable



Beam with various openings



Transparent flat window



Colour control system (optional)

Power supply - Control



Cable length: **1 m**



Integrated : 24V-PWM
Remote : 24V-0/10V, 24V-DMX, 24V-DALI



Integrated : 230V-Non dimmable, 230V-0/10V

Material



Anodised glazed aluminium



Vandalism-proof, scratch-proof, UV-proof, polycarbonate window, M2

Mechanical strength - Waterproofness



Resists impacts up to IK10 60J

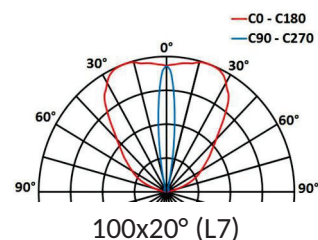
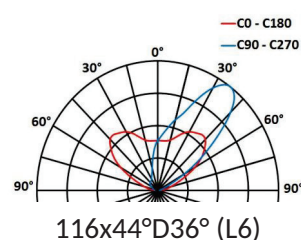
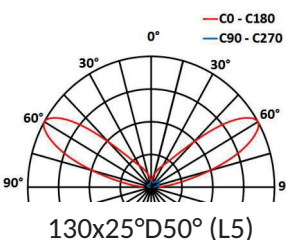
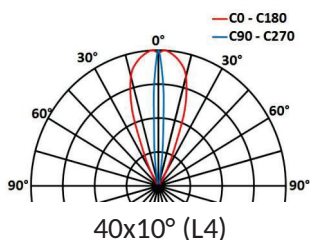
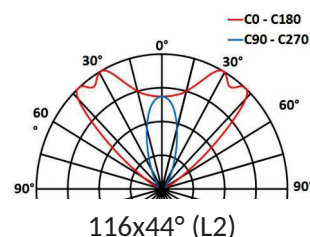
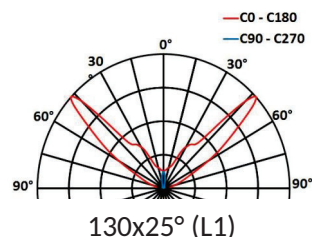
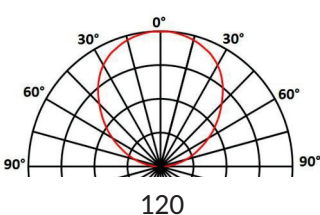
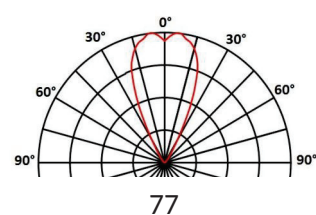
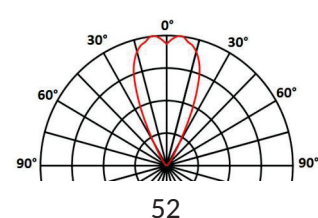
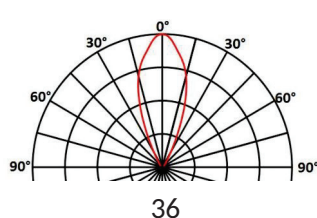
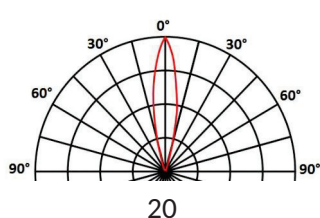
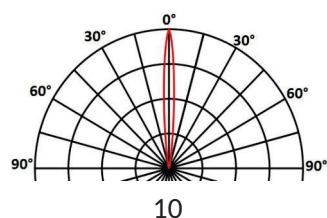


Tight for extended immersion

2855 METEOR

This datasheet gives you all the available optics for this product, consistent with the number of LEDs.

URL of this product: <http://www.lec-lyon.com/2855-meteor-r135>



5716 ALLEVARD

«Medium» version in the orientable recessed round lights range.

Spotlight swivels 360° in its recess to direct the beam in the right direction with no installation constraints.

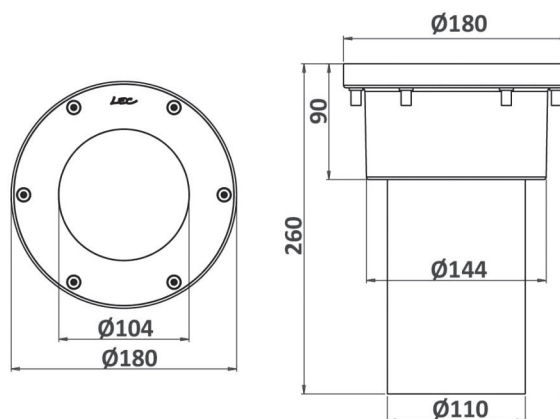
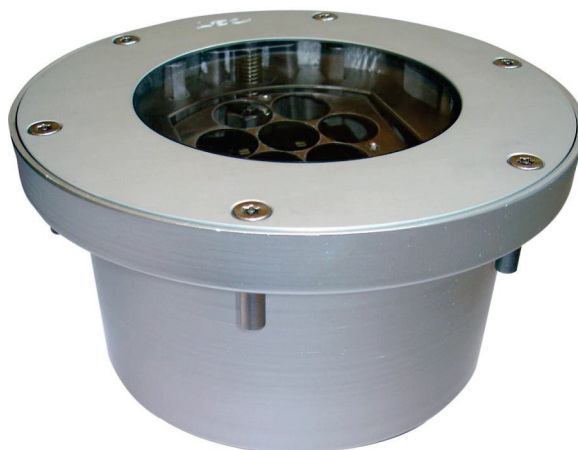
LED plate is tiltable (+/-25°) by external adjustment without opening the fitting or compromising its water resistant.

APPLICATIONS:

- Low facade lighting (5m)
- Highlight architectural features, street furniture, small trees...

CARACTERISTICS

- Anodised aluminium body
- Vandalproof organic glass window
- 316L Stainless steel screws
- Flush-recessed
- 2 possible recess dimensions
- Withstands occasional traffic from all kinds of vehicles
- RGBW options available



Number of LEDs	6, 7
Type of LEDs	Power LEDs. Contact us for hot countries.
Color(s)	Warm white 2700K (F), Warm white 3000K (E), Neutral white 4000K (N), Cool white 6000K (W), Red (R), Amber (O), Green (V), Blue (L), Royal blue (K)

Select your specific requirements with our product configurator, by filtering technical criteria at the following link:
<http://www.lec-lyon.com/5716-allevard-r97>

APPLICATION



Outdoor lighting

Standard flux : **1561 lm**

This value is gained from the optimum output of the LED number, inclusive of optic, for a cool white LED (6000K)

CONFIGURATEUR.EMPLACEMENT



Ground flush recessed fittings



Ground recessed fittings

CARACTERISTICS

Weight : **2300 g**

Options of luminous effects



RGBW option



Adjustable on 2 axis



Rotating beam



Beam with various openings



Transparent flat window



Colour control system (optional)

Power supply - Control



Cable length: **1 m**



Integrated : 24V-Non dimmable, 24V-PWM, 24V-DMX



Remote : 24V-0/10V, 24V-DALI



Integrated : 230V-Non dimmable, 230V-PWM, 230V-0/10V, 230V-DMX, 230V-DALI

Material



AL Anodised glazed aluminium



316L 316L Stainless steel



PC 2 Vandalism-proof, scratch-proof, UV-proof, polycarbonate window, M2

Mechanical strength - Waterproofness



Withstands random all vehicles traffic



IK10 Resists impacts up to IK10 60J



IP68 Tight for extended immersion

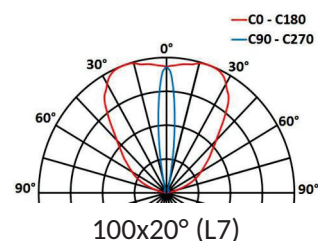
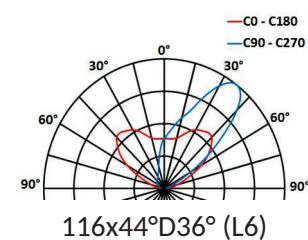
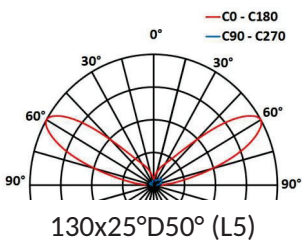
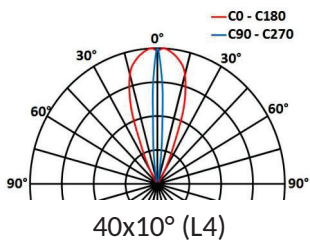
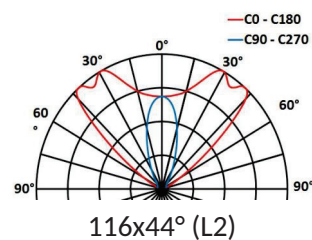
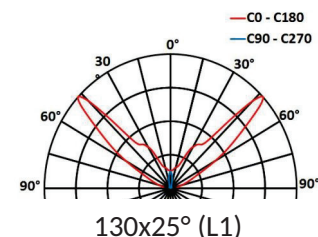
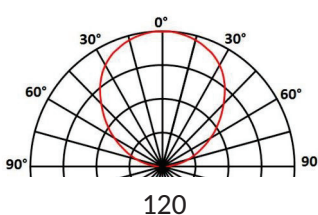
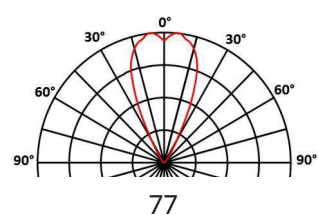
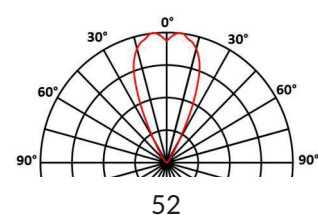
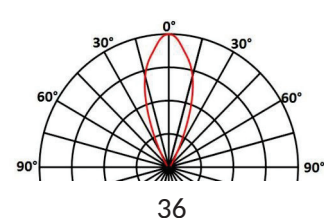
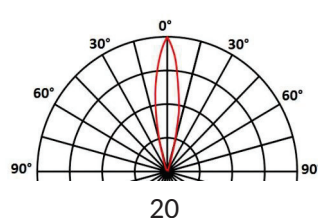
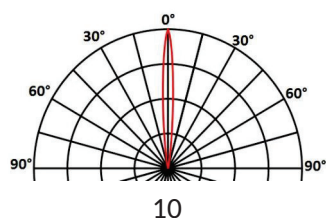
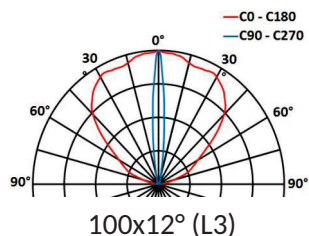


Adjustable orientation without dismantling

5716 ALLEVARD

This datasheet gives you all the available optics for this product, consistent with the number of LEDs.

URL of this product: <http://www.lec-lyon.com/5716-allevard-r97>



5727

ALICANTE

«Maxi» version in the orientable recessed round lights range.

Spotlight swivels 360° in its recess to direct the beam in the right direction with no installation constraints.

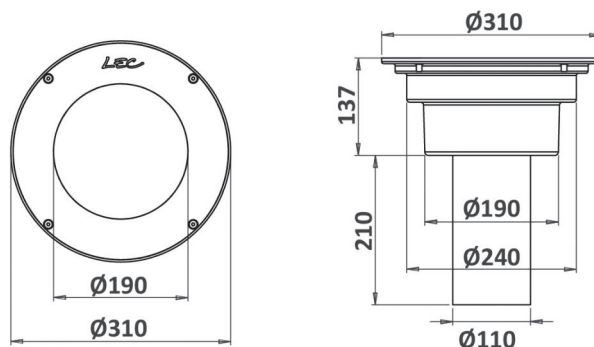
Independently adjustable tiltable parallel plates (-3° to +26°) by external adjustment without opening the fitting or compromising its water resistant.

APPLICATIONS:

- Medium height facade lighting (10m)
- Highlight architectural features, street furniture, trees...
- Squares and public spaces

CARACTERISTICS

- Colourless anodised aluminium body and collar
- Vandalproof organic glass window
- 316L Stainless steel screws
- Flush-recessed
- 2 possible recess dimensions
- Withstands occasional traffic from all kinds of vehicles
- RGBW Option available



Number of LEDs	18
Type of LEDs	Power LEDs. Contact us for hot countries.
Color(s)	Warm white 2700K (F), Warm white 3000K (E), Neutral white 4000K (N), Cool white 6000K (W), Red (R), Amber (O), Green (V), Blue (L), Royal blue (K)

Select your specific requirements with our product configurator, by filtering technical criteria at the following link:

<http://www.lec-lyon.com/5727-alicante-r393>

APPLICATION



Outdoor lighting

Standard flux : 4014 lm

This value is gained from the optimum output of the LED number, inclusive of optic, for a cool white LED (6000K)

CONFIGURATEUR.EMPLACEMENT



Ground flush recessed fittings



Ground recessed fittings

CARACTERISTICS

Weight : 4600 g



Eco Design

Options of luminous effects



RGBW option



Adjustable on 2 axis



Rotating beam



Beam with various openings



Transparent flat window



Colour control system (optional)

Power supply - Control



Cable length: 1 m



Integrated : 24V-Non dimmable



Integrated : 230V-Non dimmable, 230V-0/10V, 230V-DMX, 230V-DALI

Material



Anodised glazed aluminium



316L Stainless steel



Vandalism-proof, scratch-proof, UV-proof, polycarbonate window, M2

Mechanical strength - Waterproofness



Withstands random all vehicles traffic



IK10 Resists impacts up to IK10 60J



Tight for extended immersion

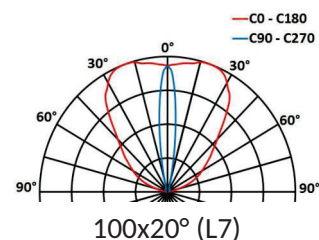
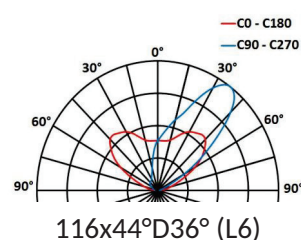
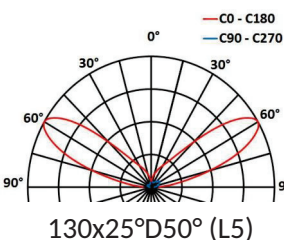
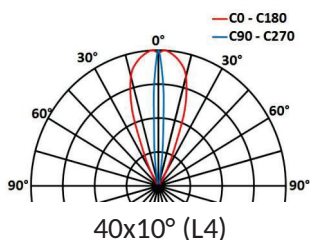
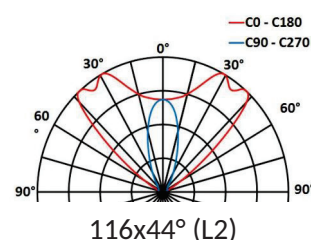
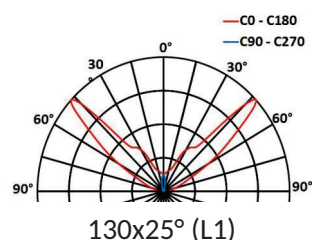
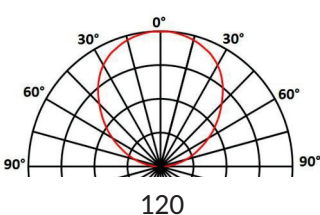
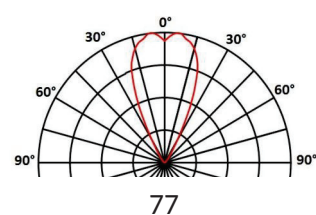
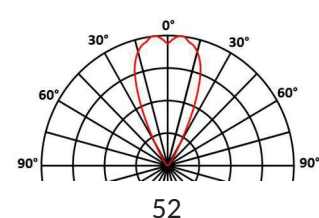
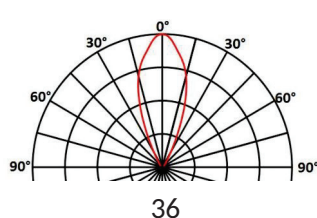
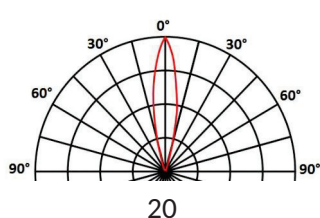
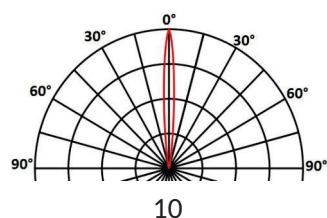


Adjustable orientation without dismantling

5727 ALICANTE

This datasheet gives you all the available optics for this product, consistent with the number of LEDs.

URL of this product: <http://www.lec-lyon.com/5727-alicante-r393>



5713

ALBI

Small adjustable flush recessed 4 LED

"Mini" version of the adjustable recessed round light range

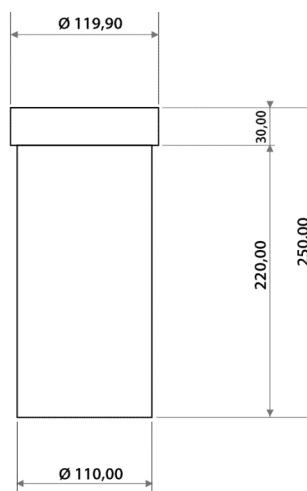
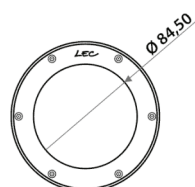
360° rotation of spotlight in its recessed housing to direct the light in the chosen direction without installation constraints Tilttable beam module (+30°/-10°)

APPLICATIONS:

- Highlight architectural features, street furniture, landscape...
- Uniform facade lighting

CARACTERISTICS

- Anodised aluminium body
- Colourless anodised machined aluminium flange
- Vandalproof organic glass window
- 316L stainless steel screws
- Flush recessed
- Withstands occasional road traffic by any vehicle type
- RGBW option available



Number of LEDs	4
Type of LEDs	Power LEDs. Contact us for hot countries.
Color(s)	Warm white 2700K (F), Warm white 3000K (E), Neutral white 4000K (N), Cool white 6000K (W), Red (R), Amber (O), Green (V), Blue (L), Royal blue (K)

Select your specific requirements with our product configurator, by filtering technical criteria at the following link:
<http://www.lec-lyon.com/5713-albi-r2645>

APPLICATION



Outdoor lighting

Standard flux : 892 lm

This value is gained from the optimum output of the LED number, inclusive of optic, for a cool white LED (6000K)

CONFIGURATEUR.EMPLACEMENT



Ground flush recessed fittings



Ground recessed fittings

CARACTERISTICS

Options of luminous effects



RGBW option



Adjustable on 2 axis



Rotating beam



Beam with various openings



Transparent flat window



Colour control system (optional)

Power supply - Control



Cable length: 1m



Integrated : 24V-Non

dimmable, 24V-PWM



Remote : 24V-0/10V, 24V-

DMX, 24V-DALI



Integrated : 230V-Non

dimmable

Material



Anodised glazed aluminium



Vandalism-proof, scratch-proof, UV-proof, polycarbonate window, M2

Mechanical strength - Waterproofness



Withstands random all vehicles traffic



Resists impacts up to IK10 60J

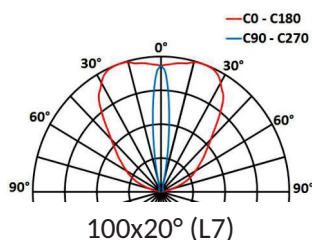
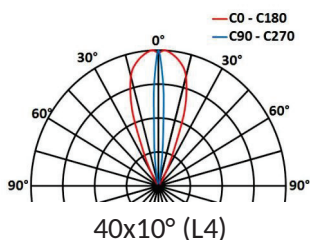
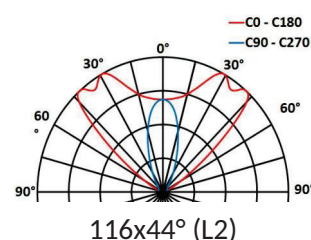
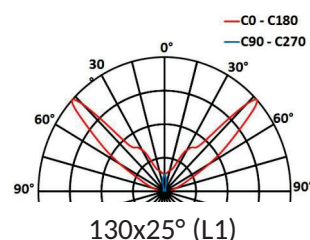
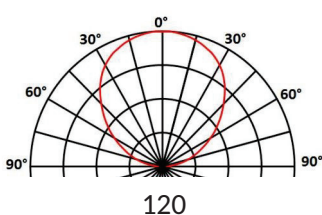
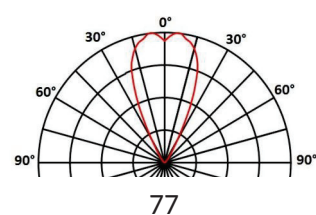
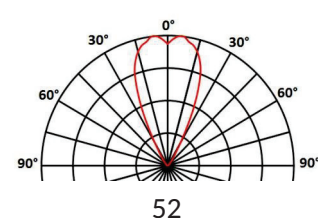
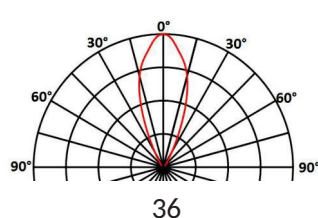
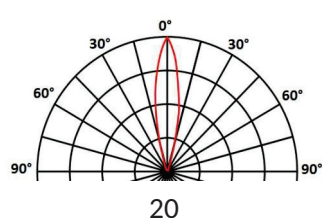
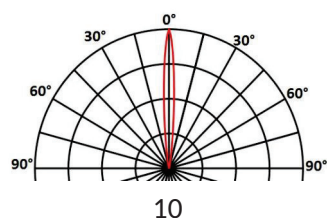


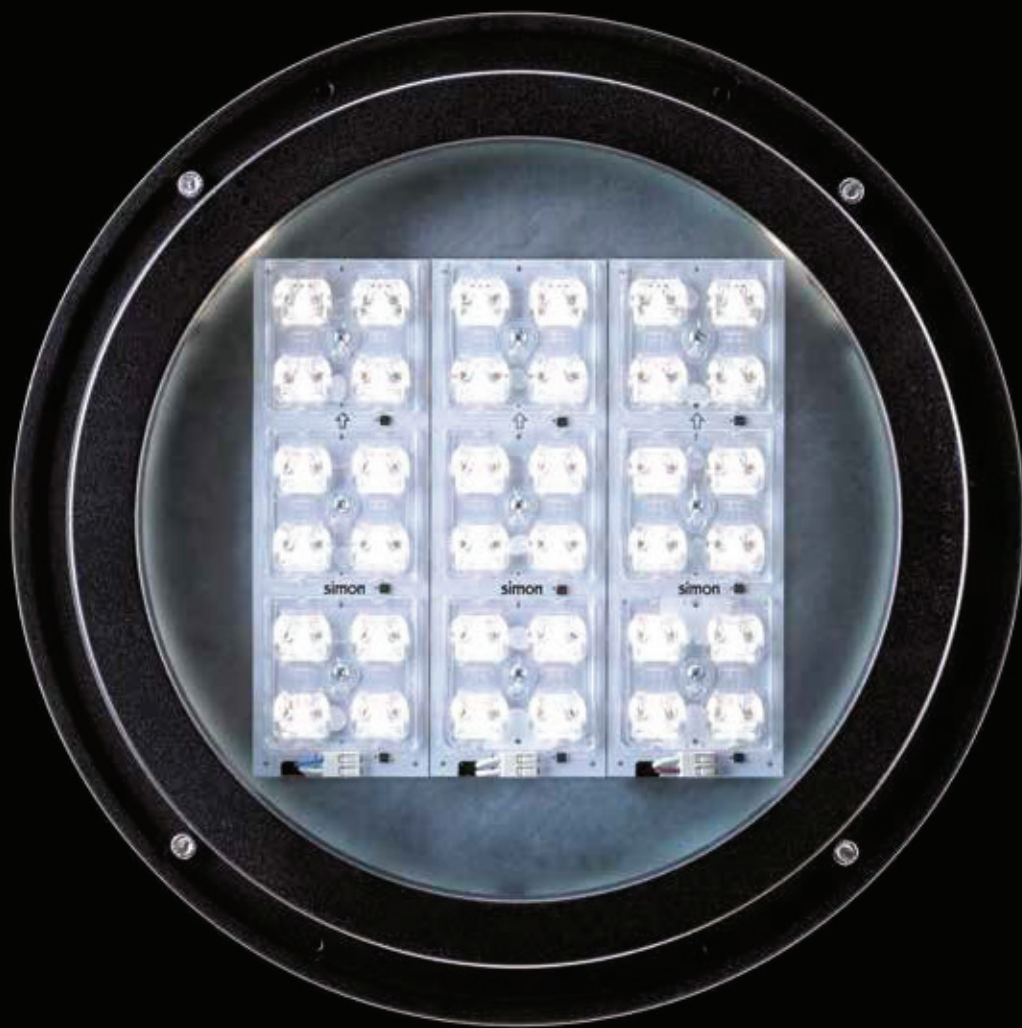
Tight for extended immersion

5713 ALBI

This datasheet gives you all the available optics for this product, consistent with the number of LEDs.

URL of this product: <http://www.lec-lyon.com/5713-albi-r2645>





FOGO

ISTANIUM^{LED}®

Functional spotlight, ideal
for the intensive introduction
of LED technology



Parking areas



Streets



Pedestrian streets



Commercial areas



Parks / Gardens



Squares



Urban cycle path



Roundabouts / Intersections



Monuments



Bridges



Façades



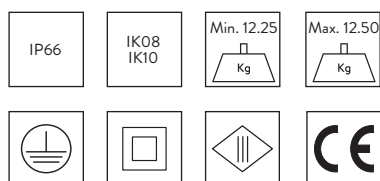
Large areas



FOGO

ISTANIUM^{LED}

SPOTLIGHT LED LUMINAIRE



COLOUR TEMP.: NDL 4000 K | WDL 3000 K | SDL 2700 K | XDL 2200 K* | PCA*

COLOUR RENDERING INDEX: >70

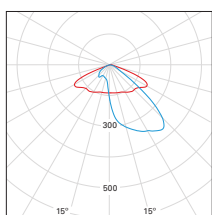
UPWARD LIGHT OUTPUT RATIO (INST. ULOR): 0 %**

LED DURATION (L90 B10 AT $T_a=25^\circ\text{C}$ AND $T_j=95^\circ\text{C}$): 100,000 h

Fulfilment of decree of 27 December 2018 on the limitation of light contamination (excluding specific restriction areas)

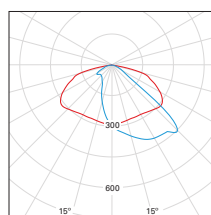
Maximum luminaire angle that an ULR < 4% allows: 20°

RG OPTICS



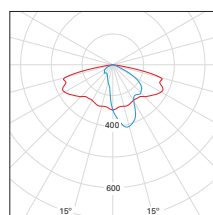
cd/klm n = 100%

RJ OPTICS



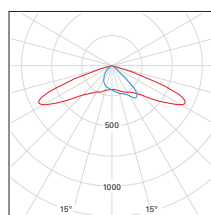
cd/klm n = 100%

RA OPTICS



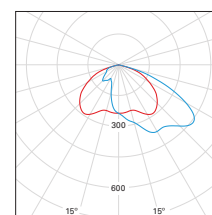
cd/klm n = 100%

RE OPTICS



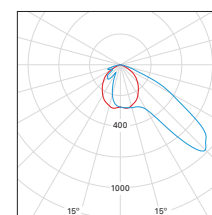
cd/klm n = 100%

AE OPTICS



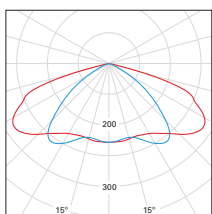
cd/klm n = 100%

AG OPTICS



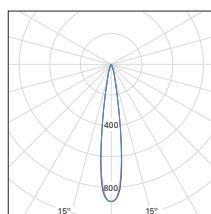
cd/klm n = 100%

TA OPTICS



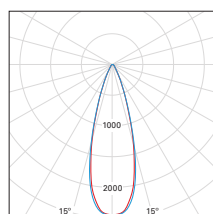
cd/klm n = 100%

CIN OPTICS



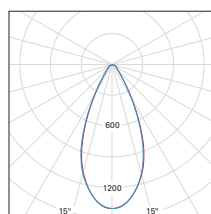
cd/klm n = 100%

CME OPTICS



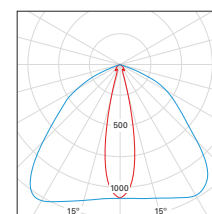
cd/klm n = 100%

CMM OPTICS



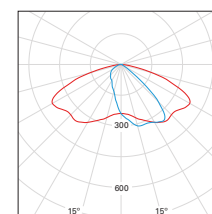
cd/klm n = 100%

EW OPTICS



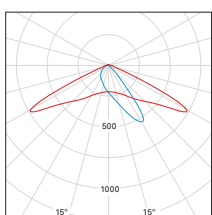
cd/klm n = 100%

RF OPTICS



cd/klm n = 100%

RW OPTICS



cd/klm n = 100%

— C0 - C180 — C90 - C270 Check other photometric distributions * Upon request ** Check value in calculation programme / Orientation between 0° and 5°

Surface density will be calculated by the SIMON LIGHTING design studio based on the previously received information on the surface in question.

Simon **FOGO LED** spotlight, size **S**, made of die-cast aluminium. Bracket fastening.

Flat cover. Internal refrigeration system through fins. Access to gear and maintenance from the back with four-screw opening. Access to optical group from the front with four-screw opening.

Easy-clean transparent flat tempered glass diffuser to prevent UV radiation in the optics. IP66 protection rating for full spotlight and IK08 impact resistance rating, or IK10 with protective grille accessory.

Possibility of mounting up to fifteen multi-array optics.

Possibility of four colour temperatures in white light, as well as PCA (Phosphor Converted Amber) for specially protected areas.

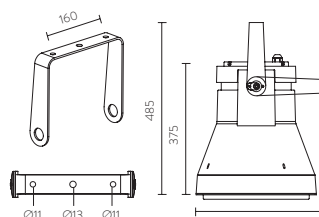
LED service life L90 B10 100,000 hours. Istantium LED lighting groups can be replaced and updated even when the luminaire is installed, thereby extending its service life. Numerous different lighting packages are offered, thanks to its modular LED system. Upward Light Output Ratio (inst. ULOR) of less than 1% with an angle of 0° to ± 5°.

With **Class I** and **Class II** electronic control gear with 230V AC / 50 Hz supply voltage and Class III with 12 / 24V DC supply voltage. Possibility of including additional protection against surges of 10 kV/10 kA.

Optional dimming with control line 2N+, without control line (Self-dimming) 2N-, by means of a flow dimmer from CAD cabinet amplitude dimming, for telemanagement with 1.10V or DALI input. Optional custom programming and maintenance of constant light output (CLO).

Standard finish in Simon GYTECH colour, and bracket trim, front trim ring and back cover in Simon BKTECH colour. Possibility of Simon and RAL chart finishes. Dimensions 329x485x329 mm.

DIMENSIONS AND FASTENING SYSTEMS



Fastening Bracket, Ø11 mm, Ø13 mm, Ø11 mm fastening holes

Wire inlet Compression seal fittings Pg 13.5 (M20)

Distance of illuminated objects 1m

Surface exposed to the wind

0.085 m²

0.098 m²

Weight Max. 12.50 kg Min. 12.25 kg

MATERIALS AND PHYSICAL FEATURES

IP	IP66
IK	IK08
	IK10 (with protective grille)
Base	Die-cast aluminium
Closure system	With stainless steel screws
Fastening system	Painted galvanised sheet steel
Diffuser	Flat, transparent, tempered glass

FINISHES

Body and bracket	Simon Colours RAL chart colours
Bracket trim, front trim ring and back cover	BKTECH

ELECTRICAL PARAMETERS *

Temp	-20 °C ... +35 °C
Dimming**	2N- Without control line 2N+ With control line CAD Cabinet amplitude dimming 1N (100%) Without dimming 1.10V Dimming through 1.10V input protocol DALI Dimming through DALI input protocol

	Luminaires supplied by electrical grid	Luminaires supplied by solar lighting points	
Supply voltage	220-240V AC	12-24V DC	
Frequency	50 / 60 Hz	-	
Protection against power surges	6 kV (Possibility of increasing to 10 kV / 10 kA upon request)	-	
Power factor (cos φ at max. charge)	≥ 0.95	-	
Luminaire electrical protection	Class I or Class II	Class III	
Power according to models***	12 LED	24 LED	36 LED
Supply current	1mod.	2mod.	3mod.
HIGH EFFICIENCY	12 W	24 W	35 W
HIGH BALANCE	18 W	36 W	54 W
HIGH FLUX	24 W	49 W	73 W
VERY HIGH FLUX	-	-	-

REGULATIONS AND CERTIFICATES



Luminaire according to: EN 60598-2-5 / EN 62493 / EN 55015 / EN 61547 / EN 61000-3-2 / EN 50581

Warranty 5 years.

Supply and packaging Packed in recycled cardboard with an identifying label to protect the product during transport and storage.

Maintenance Keep the diffuser surface clean to achieve maximum light flux. Use a damp rag without any type of harsh product or detergent. Lubricate the sealing gaskets and replace them when they are cracked. Lubricate the closures and/or hinges of the moving parts. Keep the thermal radiation surface clean to not lose light flux without shortening the life of the LEDs.

* Values corresponding to current technology condition. ** Check other regulations. *** Power values have a tolerance of ±7%



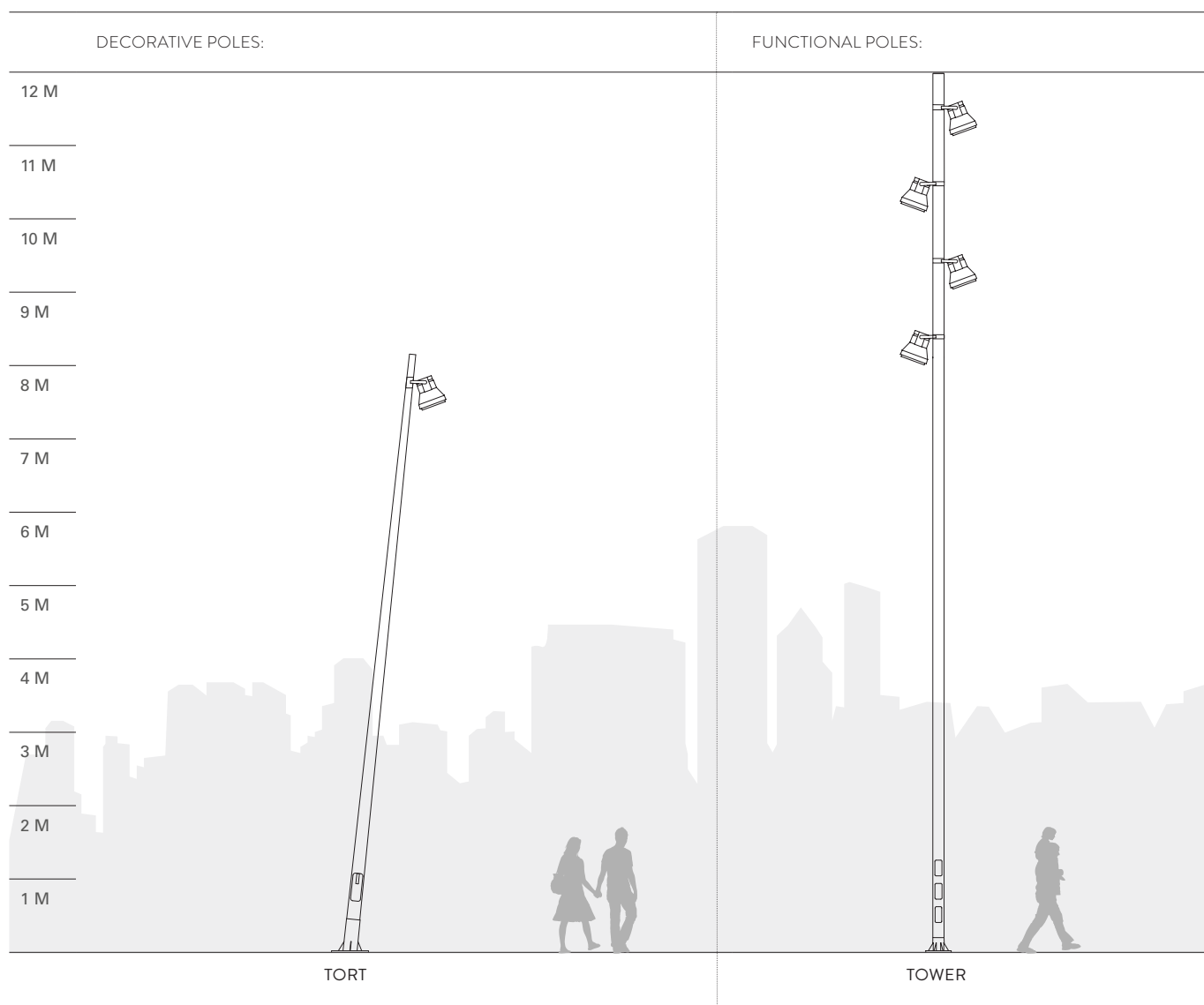
CONFIGURE YOUR FOGO LUMINAIRE

Model	Diffuser	Wire	Optics	Colour Temp.	Power	Gear	Dimming	Protection	Finish	Description
FOGSXF										Simon FOGO Istanium® LED, size S, bracket fastening, flat cover
	GTF									Flat transparent shatter-proof tempered glass diffuser
		0								Without installation wire (0 m)
			RG_							G Type Front Road Light Optics
			RJ_							J Type Front Road Light Optics
			RA_							A Type Extended Road Light Optics
			RE_							E Type Extended Road Light Optics
			AE_							E Type Asymmetric Optics
			AG_							G Type Asymmetric Optics
			TA_							Overhead Tunnel Optics
			CIN							Intensive Tapered Optics
			CME							E Type Medium Tapered Optics
			CMM							M Type Medium Tapered Optics
			EW_							Wide Elliptical Optics
			RF_							F Type Front Road Light Optics
			RW_							Wide Road Light Optics
			<input type="radio"/> NDL							Neutral daylight - 4000 K
			<input type="radio"/> WDL							Warm daylight - 3000 K
			<input type="radio"/> SDL							Soft daylight - 2700 K
					_12W350					12 W 350 mA 1,670 lm @ 3000 K 12 LEDs
					_24W700					24 W 700 mA 3,190 lm @ 3000 K 12 LEDs
					_36W530					36 W 530 mA 4,720 lm @ 3000 K 24 LEDs
					_49W700					49 W 700 mA 6,030 lm @ 3000 K 24 LEDs
					_54W530					54 W 530 mA 7,030 lm @ 3000 K 36 LEDs
					_73W700					73 W 700 mA 8,850 lm @ 3000 K 36 LEDs
						IA23_				Electronic control gear at 230V AC 50/60 Hz, standard protection against 6 kV power surges
						IA23S				Electronic control gear at 230V AC 50/60 Hz, additional protection against 10 kV power surges
						IA12_				Electronic control gear at 12 / 24V DC C3 (solar). Only admits up to 36 W and 1N and 2N- dimming
						2N_				Dimming without control line (self-dimming)
						2N+_				Dimming with control line
						1N_				Without dimming (on/off)
						CAD_				Cabinet amplitude dimming (electrical box dimmer)
						1-10				Dimming through 1.10 V input protocol
						DALI				Dimming through DALI input protocol
								C1		Class 1 Luminaire electrical protection
								C2		Class 2 Luminaire electrical protection
								C3		Class 3 (DC exclusive)
									GYTECH	Standard finish in Simon Technical Grey
									*****	Finish in Simon colours (see page 514)
									*****	Finish in AL classic chart colours






The luminaire flow output can vary around ± 6% regarding those published according to environmental condition and/or the constant progress that LED technology undergoes. The luminaire power can vary around ± 7% regarding those published according to environmental condition and/or the constant progress that technology undergoes

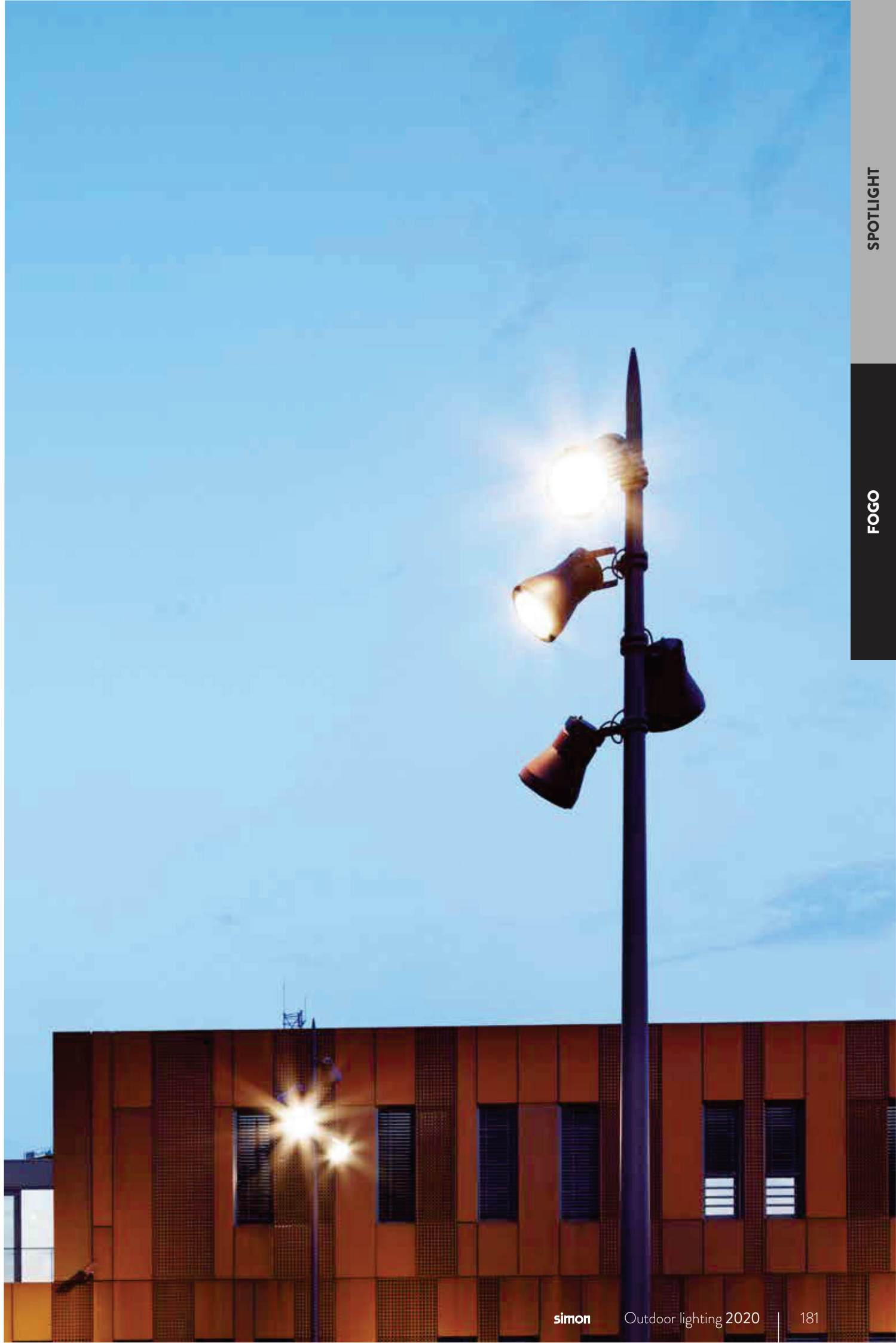


COMBINE YOUR FOGO LUMINAIRE:



ACCESSORIES / REPLACEMENTS

Description	Finish	Order code
 Simple arm for flush spotlight	Galvanised	5-531830
	GYTECH	5-531830-012
	GYDECO	5-531830-013
 Simple arm for spotlight, 200 mm length	Galvanised	5-531838
	GYTECH	5-531838-012
	GYDECO	5-531838-013
 Double arm for spotlight, 200 mm length	Galvanised	5-531839
	GYTECH	5-531839-012
	GYDECO	5-531839-013
 Anti-vandalism protective grille	GY9006	50-74603
 Concentric anti-glare grille	Matt Black	50-74605



5620

BRUNEI

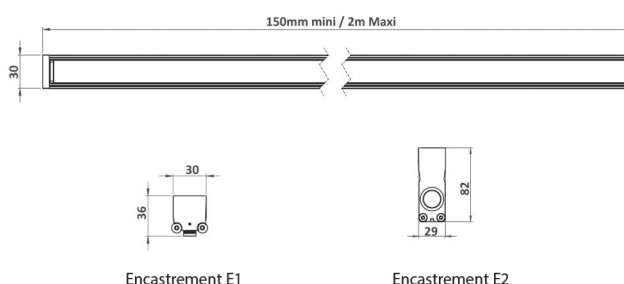
Recessed lightbar for public spaces. Length on request (max = 2000mm, min = 150mm), can be installed individually or as a continuous line. Clips in with no screws for vandal-proof installation.

APPLICATIONS:

- Illuminated handrail
- Bridge deck lighting
- Direct or indirect lighting of public space

CARACTERISTICS

- Vandalproof profiled organic glass
- Colourless anodised aluminium profile (except 5620X)
- Recessed
- 2 Profiled mounts with extruded-aluminium accessories for continuous line or individual installation.
 - Ground-recessed version with internal space for running cable and connectors
 - Compact surface-mounted
- Version RGB options available



Number of LEDs	120
Type of LEDs	120° SMD LEDs (S), 120° high intensity SMD LEDs (Z)
Color(s)	Warm white 2700K (F), Warm white 3000K (E), Neutral white 4000K (N), Cool white 6000K (W), Red (R), Amber (O), Green (V), Blue (L)

Select your specific requirements with our product configurator, by filtering technical criteria at the following link:
<http://www.lec-lyon.com/5620-brunei-r141>

APPLICATION



Outdoor lighting

Standard flux : **1452 lm**

This value is gained from the optimum output of the LED number, inclusive of optic, for a cool white LED (6000K)

CONFIGURATEUR.EMPLACEMENT



Wall lights



Wall recessed



Ground flush recessed fittings



Ground recessed fittings



Pavements sides



Handrails

CARACTERISTICS

Weight : **730 g/m**

Options of luminous effects



RGB options



Non adjustable



Beam with various openings



Transparent flat window



Colour control system (optional)

Power supply - Control



Cable length: **Connector**



Integrated : 24V-PWM
Remote : 24V-0/10V, 24V-DMX, 24V-DALI

Material



Anodised glazed aluminium



Vandalism-proof organic glass

Mechanical strength - Waterproofness



Withstands 2-wheels traffic



Withstands random all vehicles traffic



Resists impacts up to IK10 60J



Tight for extended immersion

5620 BRUNEI

This datasheet gives you all the available optics for this product, consistent with the number of LEDs.

URL of this product: <http://www.lec-lyon.com/5620-brunei-r141>

