

LIGHT MEETS EMOTION AND PRUDENCE.

They are perfect for your service road or employee car park. GIFAS products highly score with their elegant design, modern LED technology and long-lasting service life, providing great lighting for your movement area in the long run.

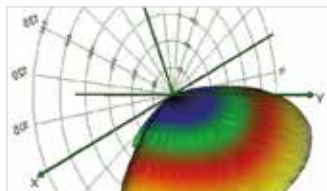
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StreetLED SMART



Light-emitting diode (LED)

Only high quality LEDs are used for the StreetLED SMART, with an optimal balance of colour quality, light output, life expectancy and free of mercury and lead (RoHS compliant). To achieve the best balance between natural colour distribution (true colour rendering) and the human eye at night, the colour temperature of 4000 K was selected.



Optics

In addition to standard-compliant illumination, the asymmetrical light distribution also leads to less light pollution or glare; in combination with the „full cut-off“ characteristic, light pollution is reduced to zero. Less stray light allows residents to sleep more peacefully and thus increases their quality of life.



Electronics / Optional power reduction to 50%

The circuit boards used in the StreetLED SMART are specially designed and equipped with an individual driver to reduce the power to 50 % if required.



Housing






In addition to a modern housing design, objectives such as resistance to extreme weather conditions, support of the important functions as well as protection of the vital parts of the luminaire had to be fulfilled. The result distinguishes the StreetLED SMART; completely sealed, no openings, disturbing cooling fins or fans. A lightweight aluminium alloy with a multi-layer surface finish is used.



Future-proof

The StreetLED SMART is a high-tech street lighting system with future-oriented features such as light management via internet, wireless internet connection WIFI, security cameras, video control, speed sensors, light sensors and much more.

Type comparison – StreetLED SMART

Types	StreetLED SMART 12	StreetLED SMART 12	StreetLED SMART 24	StreetLED SMART 36	StreetLED SMART 42
	 1	 2	 3	 4	 5
Technical data					
Number LED	12	12	24	36	42
Height of light spot (m)	to 5m	to 5m	5-7m	7-12m	9-14m
Pole spacing (m)	24m (5m height)	20m (5m height)	21m (6m height)	28m (8m height)	35m (10m height)
Luminous flux	2390lm	3950lm	7990lm	11420lm	15730lm
System output	149lm/W	141lm/W	148lm/W	150lm/W	157lm/W
Power input	16W	28W	54W	76W	100W
Connection cable	8m	8m	8m	12m	12m
LVK	A	B	B	B	B
Street category	P4/M6	P4/M6	P3/M5	M4	M3
Area of application	For smaller roads, paths and cycle lanes, private driveways, alleyways and parking spaces.	For smaller roads, paths and cycle lanes, private driveways, alleyways and parking spaces.	For larger paths and cycle lanes, private areas and industrial zones.	For communal roads, crossroads, car parks and challenging open land and industrial zones.	For city roads and squares, multiple intersections, large areas and parks, large open land and industrial zones.



StreetLED SMART



IP66 IK09  

The retrofitable StreetLED SMART is the answer to the diverse possibilities of future-proof and smart street lighting that can do a lot more than just illuminate a street. With a high degree of modularity, the StreetLED SMART is already prepared today for the requirements of tomorrow.

Scope of services

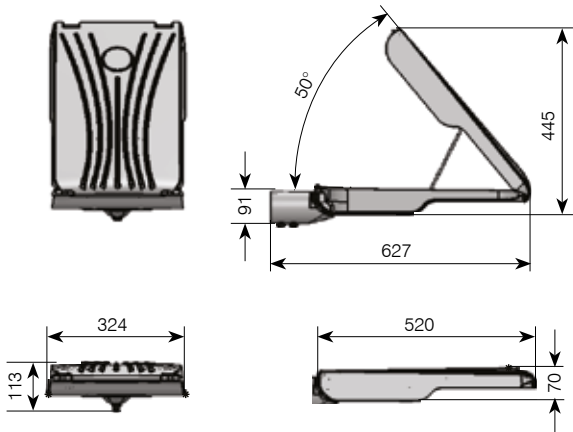
- Tool-free opening
- Zhaga version for retrofitting standardized Sensors or control solutions
- Tilttable ± 15°
- Overvoltage protection
- Automatically tension-free when opening

Technical data

Input voltage	202-254 VAC/50-60 Hz
Power factor	>0.95
Light colour	4000 K
CRI	≥80
Service life approx.	100.000 h (L90/B10)
Protection category	IP66
Shock resistance	IK09
Protection class	I
Dimensions LxWxH	520x324x70 mm
Weight	7.2 kg
Adjustability	-15° to +15° (5°-Steps)
Control	DALI, Sensor Ready via Zhaga socket
Temperature operation range	-40°C to +50°C
Flash cover	10 kV
Connection cable	3x1.5 m ² (8m or 12m pre-assembled))
Pole mount	60 mm or 76 mm, to be ordered separately
Cover	made of toughened safety glass, 4 mm
Housing	Die-cast aluminum
Colour	RAL 9006



Technical drawing (incl. mast mounting):

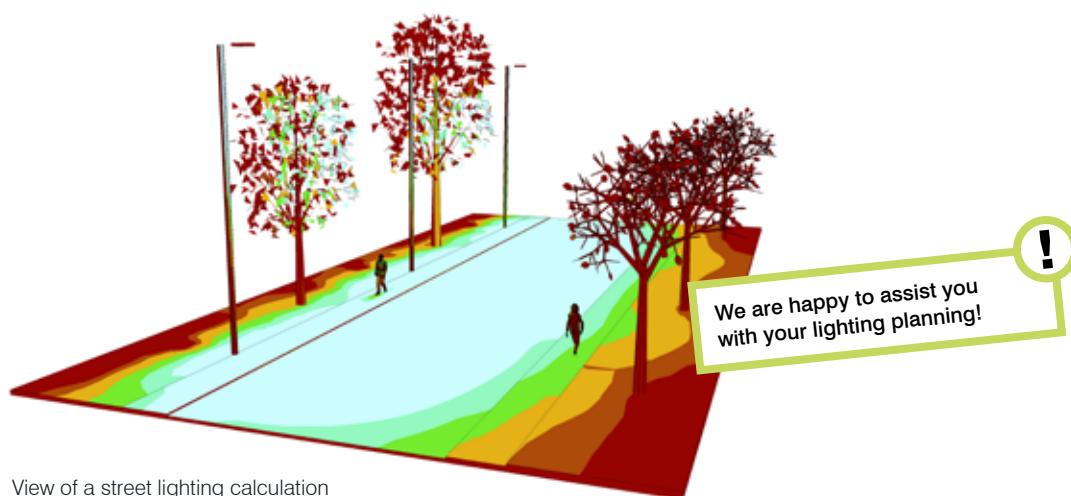


The mast mounting is available separately in 60mm or 76mm and enables post-top or side-entry mounting. The slope can be in 5° steps can be changed by +/- 15°. All screws are off made of weatherproof stainless steel.

Classic applications of the StreetLED SMART are public Streets, intersections, parking lots and demanding open and industrial terrain.

Item no.	Description
800370	StreetLED SMART 12, Zhaga, 16W, 2390lm
800371	StreetLED SMART 12, Zhaga, 28W, 3950lm
800372	StreetLED SMART 24, Zhaga, 54W, 7990lm
800373	StreetLED SMART 36, Zhaga, 76W, 11420lm
800374	StreetLED SMART 42, Zhaga, 100W, 15730lm

Item no.	Accessories
800375	Mast mount 60 mm, RAL 9002
800376	Mast mount 76 mm, RAL 9002



View of a street lighting calculation with additional visualization of the StreetLED SMART, 76W, 11420lm

Mounting height: 10m
Mast spacing: 15m

Interface technology

With the integrated Zhaga* socket and a sensor-ready driver, various sensors and wireless solutions can be used as required. Retrofitting of lighting control functionalities such as motion or daylight sensors can be carried out easily and without tools on site. Radio transmitting and receiving units are also available, with which bidirectional communication takes place with regard to the operating status, predictive maintenance and switching arrangement (e.g. groups).

Light and motion sensor



Item no.	Accessories
800377	Light and motion sensor for Zhaga socket (Mast height up to 12 m)
on request	Sensor for traffic detection incl. software
on request	Radio control for Zhaga socket

Optional on request

- Autonomous dimming (without Zhaga socket)
- Four more optics for different mast spacings or street widths

*Zhaga: The Zhaga Consortium is an international organization that defines industry specifications for interfaces and components for lighting systems. This guarantees the interoperability of components from different manufacturers.

StreetLED CUBE2



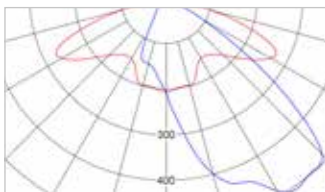
Classic design

The simple, classic StreetLED CUBE2 is made of pressed aluminium. The cast parts are powder coloured and thermally processed. The luminaire has IK 10 impact resistance and IP66 protection.



Technology

Use of Cree LED chips with a minimum efficiency of 130 lm/W. The colour temperature of 4500K is very pleasant. The StreetLED CUBE2 is also available in warm white on request.



Optics

The optical lenses of the StreetLED CUBE2 are made of high-quality PMMA grade, with over 90% light transmission. They are UV and ozone resistant. It is possible to meet the most demanding technical requirements with a combination of different quantities and positions of the lenses.



Driver





The driver is for the whole lifetime, for a minimum of 50000 h, and with many interesting options. DALI, 1-10 V dimming or autonomous dimming system. We can offer a wireless management system or NEMA connector with photocell.



Additional functions

We can operate the LEDs with an operating current of 300 mA - 700 mA, depending on the size of the lamp and the customer's requirements.

Type comparison – StreetLED CUBE2

Types	StreetLED CUBE2 12	StreetLED CUBE2 24	StreetLED CUBE2 48	StreetLED CUBE2 72
	1 	2 	3 	4 
Technical data				
Number LED	12	24	48	72
Height of light spot (m)	up to 5 m	5-7 m	7-12 m	7-12 m
Pole spacing (m)	24 m (5 m height)	26 m (6 m height)	38 m (8 m height)	38 m (10 m height)
Street category	P4/M6	P3/M5	M4	M3
Dimmable	✓	✓	✓	✓
Light colour	4000 K	4000 K	4000 K	4000 K
Variability	+/- 15° (5°-Steps)	+/- 15° (5°-Steps)	+/- 15° (5°-Steps)	+/- 15° (5°-Steps)
Area of application	For smaller roads, paths and cycle lanes, private driveways, alleyways and parking spaces.	For larger paths and cycle lanes, private areas and industrial zones.	For communal roads, crossroads, car parks and challenging open land and industrial zones.	For city roads and squares, multiple intersections, large areas and parks, large open land and industrial zones.

Types	StreetLED CUBE2 S48	StreetLED CUBE2 H48
	5 	6 
Technical data		
Number LED	48	72
Height of light spot (m)	7-12 m	7-12 m
Pole spacing (m)	38 m (8 m height)	38 m (10 m height)
Street category	M4	M3
Dimmable	✓	✓
Light colour	4000 K	4000 K
Variability	–	–
Area of application	For communal roads, crossroads, car parks and challenging open land and industrial zones.	For city roads and squares, multiple intersections, large areas and parks, large open land and industrial zones.

StreetLED CUBE2

StreetLED CUBE2 12

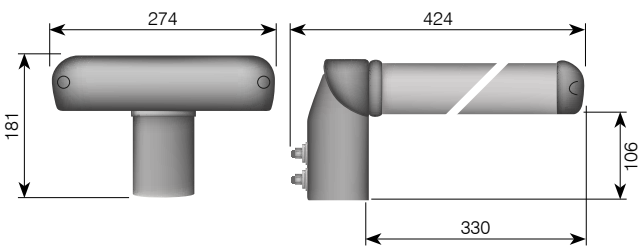
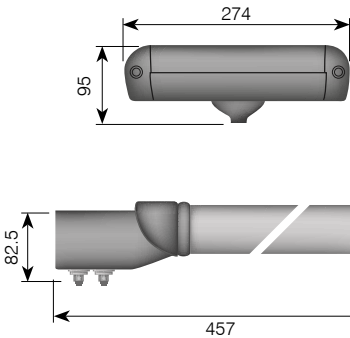
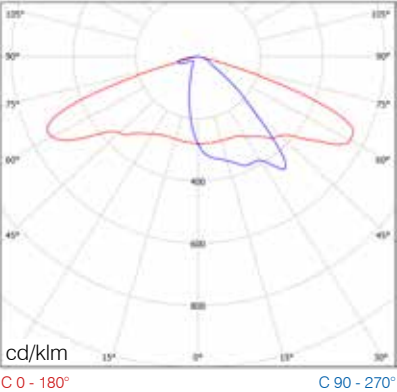


The right light for needs of approx. 5lx, corresponding to lighting class P4. Classic Application cases of StreetLED CUBE2 12 are smaller neighbourhood streets, pedestrian and cycling paths, private forecourts, alleys and car parks.

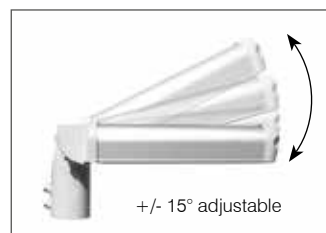
Technical data

Light source	1 Modul-12 LEDs
System output	18W
Luminous flux	2653lm
Light colour	4000K
Input voltage	120-277VAC, 50/60Hz
Service life	min. 100000h (L90)
Protection category	IP66
Shock resistance	IK10
Weight	4.2kg
Dimensions LxWxH	424x274x82.5mm
Street category	P4/M6
Recommended height of light spot	to 5m
Recommended pole spacing	24m (LPH 5m)
Select current	450mA
Variability	-15° to +15° (5°-Steps)
Temperature operation range	-40°C to +50°C
Housing colour	RAL 9006
Dimmable	50% control phase 230VAC
Fuse protection	flash cover 10kV
Equipment	mounted with H07RN-F cable 8m, 4x1mm²

18W – 2653lm



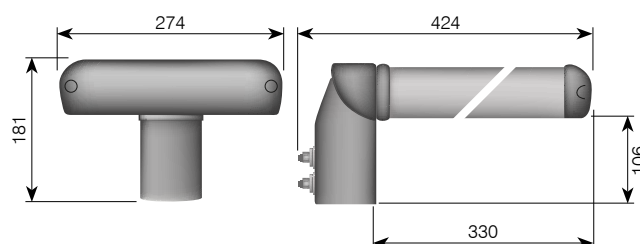
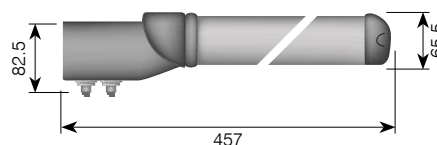
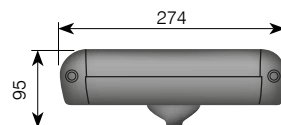
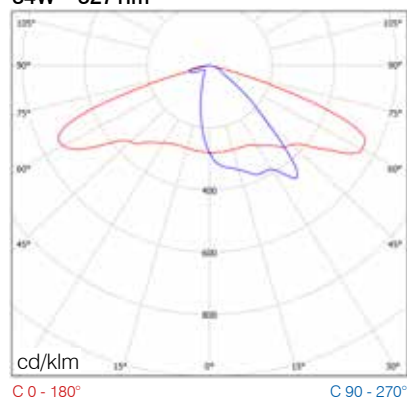
Item no.	Description
303608	StreetLED CUBE2 12, switchable 50% control phase 230VAC, mounted with H07RN-F cable 8m, 4x1mm²
800375	Pole securing mechanism for poles of diameter 60mm
800376	Pole securing mechanism for poles of diameter 76mm

StreetLED CUBE2 24

IP66


The right light for needs of approx. 7.5lx or 0.5cd/m², corresponding to lighting classes P3 and M5. Classic Application cases of StreetLED CUBE2 24 are neighbourhood streets, major pedestrian and cycling paths, private areas and industrial sites.

Technical data

Light source	2 Modul-24 LEDs
System output	34W
Luminous flux	5271lm
Light colour	4000K
Input voltage	120-277VAC, 50/60Hz
Service life	min. 100000h (L90)
Protection category	IP66
Shock resistance	IK10
Weight	4.25kg
Dimensions LxWxH	424x274x82.5mm
Street category	P3 (7,5lx) or M5 (0.5cd/m ²)
Recommended height of light spot	5-7m
Recommended pole spacing	26m (LPH 6m)
Select current	450mA
Variability	-15° to +15° (5°-Steps)
Temperature operation range	-40°C to +50°C
Housing colour	RAL 9006
Dimmable	50% control phase 230VAC
Fuse protection	flash cover 10kV
Equipment	mounted with H07RN-F cable 8m, 4x1mm ²

34W – 5271lm


Item no.	Description
303609	StreetLED CUBE2 24, Dimmable 50% control phase 230VAC, mounted with H07RN-F cable 8m, 4x1mm ²
800375	Pole securing mechanism for poles of diameter 60mm
800376	Pole securing mechanism for poles of diameter 76mm

StreetLED CUBE2

StreetLED CUBE2 48

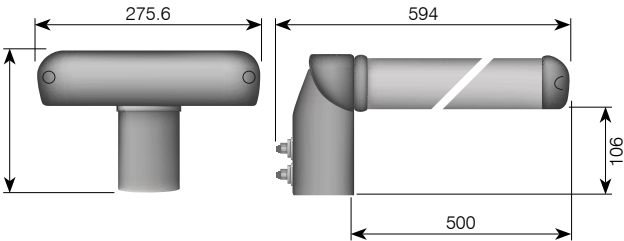
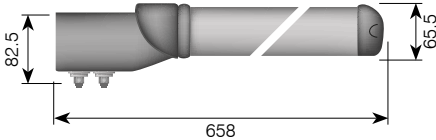
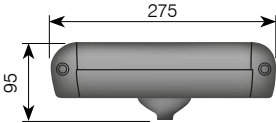
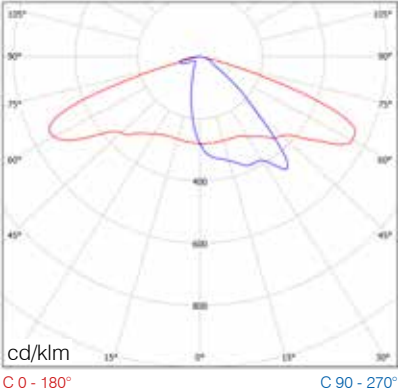


The right light for lighting needs of approx. 0.75cd/m², corresponding to lighting class M4. Typical Application cases of StreetLED CUBE2 48 are local roads, intersections, car parks and demanding outdoor and industrial premises

Technical data

Light source	4 Module-48 LEDs
System output	65W
Luminous flux	10325lm
Light colour	4000K
Input voltage	120-277VAC, 50/60 Hz
Service life	min. 100000h (L90)
Protection category	IP66
Shock resistance	IK10
Weight	6.35 kg
Dimensions LxWxH	594x275x82.5mm
Street category	M4 (0.75cd/m ²)
Recommended height of light spot	7 - 12m
Recommended pole spacing	38m (LPH 8m)
Select current	450mA
Variability	-15° to +15° (5°-Steps)
Temperature operation range	-40°C to +50°C
Housing colour	RAL 9006
Dimmable	50% control phase 230VAC
Fuse protection	Flash cover 10kV
Equipment	mounted with H07RN-F cable 12m, 4x1mm ²

65W – 10325lm



Item no.	Description
303610	StreetLED CUBE2 48, switchable 50% control phase 230VAC, mounted with H07RN-F cable 8m, 4x1mm ²
800375	Pole securing mechanism for poles of diameter 60mm
800376	Pole securing mechanism for poles of diameter 76mm

StreetLED CUBE2 72

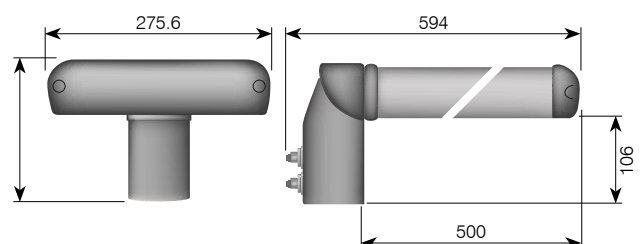
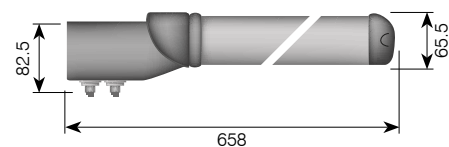
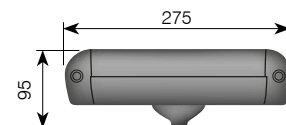
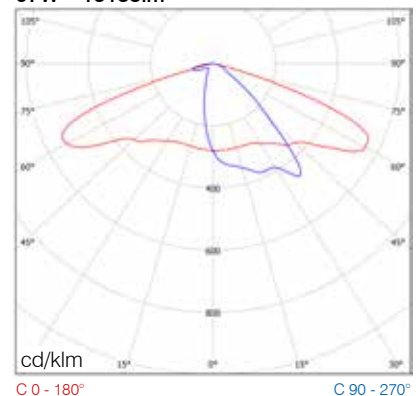
IP66

**FULL
CUTOFF**


The right light for lighting needs of approx. 1.0cd/m², corresponding to lighting class M3. Typical Application cases of StreetLED CUBE2 72 are urban streets and squares, multiple intersections, large areas and car parks, and large outdoor and industrial premises.

Technical data

Light source	6 Module-72 LEDs
System output	97W
Luminous flux	15183lm
Light colour	4000K
Input voltage	120-277VAC, 50/60 Hz
Service life	min. 100000h (L90)
Protection category	IP66
Shock resistance	IK10
Weight	6.45kg
Dimensions LxWxH	594x275x82.5mm
Street category	M3 (1.0cd/m ²)
Recommended height of light spot	7 - 12m
Recommended pole spacing	38m (LPH 10m)
Select current	450mA
Variability	-15° to +15° (5°-Steps)
Temperature operation range	-40°C to +50°C
Housing colour	RAL 9006
Dimmable	50% control phase 230VAC
Fuse protection	Flash cover 10kV
Equipment	mounted with H07RN-F cable 12m, 4x1mm ²

97W – 15183lm


Item no.	Description
303611	StreetLED CUBE2 72, switchable 50% control phase 230VAC, mounted with H07RN-F cable 8m, 4x1mm ²
800375	Pole securing mechanism for poles of diameter 60mm
800376	Pole securing mechanism for poles of diameter 76mm

StreetLED CUBE2

StreetLED CUBE2 S48

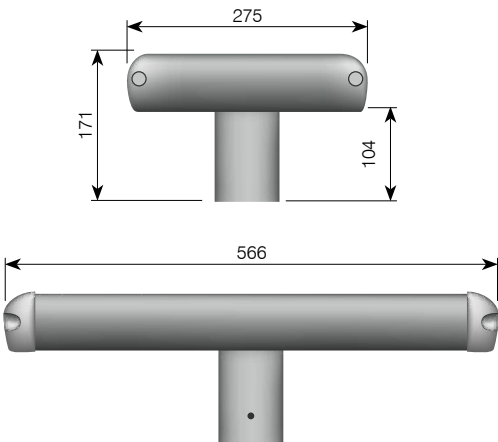
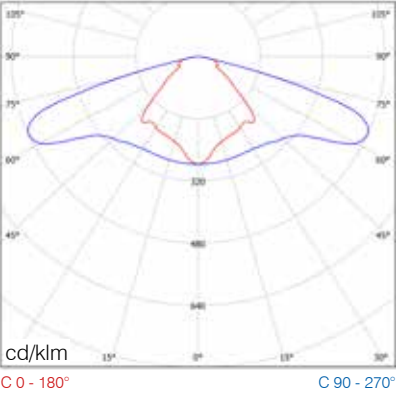


The right light for needs of approx. 0.75cd/m², corresponding to lighting class M4. Classic Application cases of StreetLED CUBE2 S48 are municipal roads, intersections, car parks and complicated outdoor and industrial sites

Technical data

Light source	4 Module-48 LEDs
System output	101W
Luminous flux	15000lm
Light colour	4000K
Input voltage	120-277VAC, 50/60 Hz
Service life	min. 100000h (L90)
Protection category	IP66
Shock resistance	IK10
Weight	6.35kg
Dimensions LxWxH	566x275x171mm
Street category	M4 (0.75cd/m ²)
Recommended height of light spot	7 - 12m
Recommended pole spacing	38m (LPH 8m)
Select current	700mA
Temperature operation range	-40°C to +50°C
Housing colour	RAL 9006
Dimmable	50% control phase 230VAC
Fuse protection	Flash cover 10kV
Equipment	mounted with H07RN-F cable 8m, 4x1mm ²

101W – 15000lm



Item no.	Description
303612	StreetLED CUBE2 S48, Dimmable 50% Control phase 230VAC, mounted with H07RN-F cable 8m, 4x1mm ²
284292	Pole securing mechanism for poles of diameter 60mm

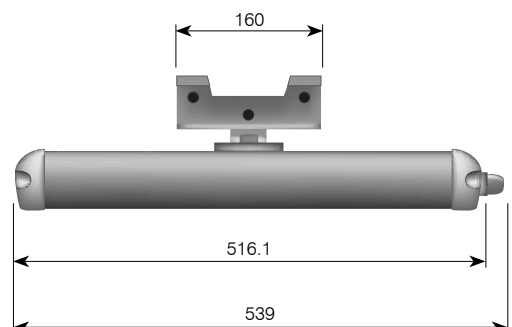
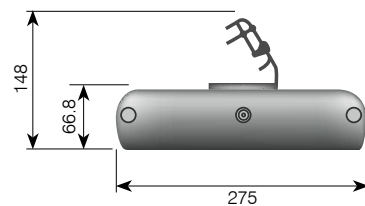
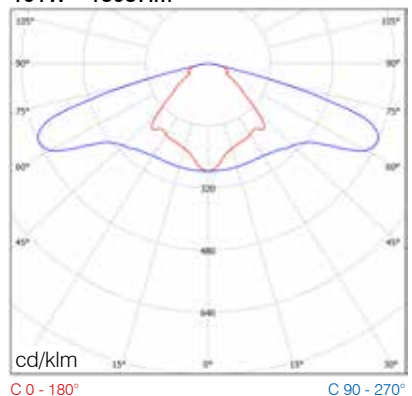
StreetLED CUBE2 H48


IP66


The right light for needs of approx. 1.0cd/m², corresponding to lighting class M3. Classic Application cases of StreetLED CUBE2 H48 are urban streets and squares, multiple intersections, large areas and car parks, and large outdoor and industrial sites.

Technical data

Light source	4 Module-48 LEDs
System output	101W
Luminous flux	15087lm
Light colour	4000K
Input voltage	120-277VAC, 50/60Hz
Service life	min. 100000h (L90)
Protection category	IP66
Shock resistance	IK08
Weight	6.45kg
Dimensions LxWxH	539x275x148mm
Street category	M3 (1.0cd/m ²)
Recommended height of light spot	7 - 12m
Recommended pole spacing	38m (LPH 10m)
Temperature operation range	-40°C to +50°C
Select current	700mA
Housing colour	RAL 9006
Dimmable	50% control phase 230VAC
Fuse protection	Flash cover 10kV
Equipment	mounted with H07RN-F cable 1m, 4x1mm ²

101W – 15087lm


Item no.	Description
303613	StreetLED CUBE2 H72, Dimmable 50% Control phase 230VAC, mounted with H07RN-F cable 8m, 4x1mm ²

StreetLED3



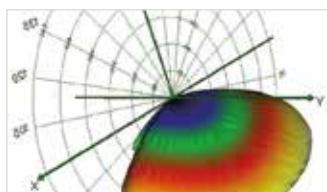
Automotive approach

The StreetLED3 has been developed and produced on the basis of expertise and experience gained from one of the most demanding markets - LED technology for the automotive industry. From this, key elements have been derived such as weathering conditions and production standards.



Light-emitting diodes (LEDs)

Only high-quality LEDs are used for StreetLED3 that offer an ideal configuration of efficiency, colour quality, luminance, life expectancy and no mercury or lead content (RoHS-compliant). In order to achieve the ideal balance between natural colour distribution (true colour reproduction) and the human eye at night, a colour temperature of 4000K was chosen.



Light distribution

The best possible light uniformity (asymmetrical light distribution) leads to less light pollution and glare. In combination with the "full cut-off" characteristics, light pollution is reduced to around zero, preserving the night sky and allowing residents to sleep more soundly thus increasing their quality of life.



Electronics

The PCBs integrated into the StreetLED3 are specially designed and equipped with individual drivers (100 - 250 V) in order to be able to respond independently to fluctuations in voltage (brightness control). The pulse width modulation (PWM) technology used ensures an optimum state for the operation of the LED lights while at the same time significantly reducing CO₂ emissions.



Heat management

Efficient cooling is essential for the LEDs long service life and ultimately affects the entire lighting system. In order to achieve this in the long term for the StreetLED3, extensive tests and trials have been carried out which have ultimately led to the patented AEROLITE cooling system.



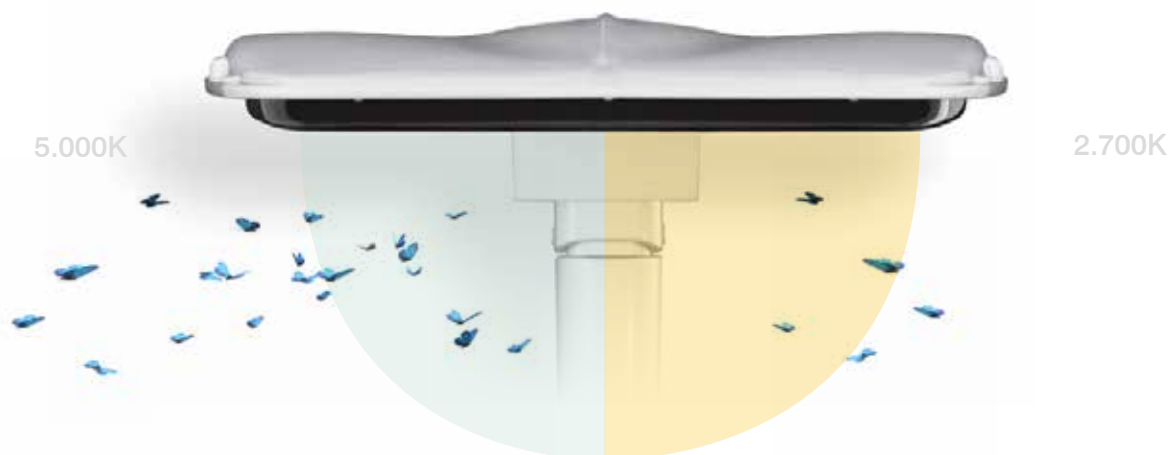
Housing

As well as a modern housing design, objectives such as resistance to extreme weathering, support for key functions and protection of the vital parts of the light also need to be satisfied. StreetLED3 is the epitome of the solution fully sealed, no openings, cooling fins or ventilators. An ultra-light aluminium alloy with a multi-layer surface finish is used.

Type comparison – StreetLED3

Types	StreetLED3 15	StreetLED3 30	StreetLED3 60	StreetLED3 90
	1 	2 	3 	4 
Technical data				
Number LED	15	30	60	90
Height of light spot (m)	up to 5 m	5-7 m	7-12 m	7-12 m
Pole spacing (m)	24 m (5 m height)	26 m (6 m height)	38 m (8 m height)	37 m (9 m height)
Street category	P4	P3/M5	M4	M3
Dimmable	✓	✓	✓	✓
Light colour	4000 K	4000 K	4000 K	4000 K
Variability	+/- 15° (5°-Steps)	+/- 15° (5°-Steps)	+/- 15° (5°-Steps)	+/- 15° (5°-Steps)
Area of application	For smaller roads, paths and cycle lanes, private driveways, alleyways and parking spaces.	For larger paths and cycle lanes, private areas and industrial zones.	For communal roads, crossroads, car parks and challenging open land and industrial zones.	For city roads and squares, multiple intersections, large areas and parks, large open land and industrial zones.

Insect-friendly lighting



Insect-friendly LED pole lights with 2700K and 3000K

UV, blue and white LED light attract most insects. The more red components there are in the light, the fewer insects are attracted. When buying lamps for outdoor use, therefore, care should be taken to ensure that the light contains as few blue components as possible. With modern LED pole luminaires, the essential conditions for insect-friendly lighting can be well met. The LED technology used can be easily switched and dimmed and is thus ideally suited to sustainably adapt the light supply to the light requirement. We at GIFAS already offer corresponding lamps, for example in 2700K and 3000K versions. The completely enclosed lamp housing as well as a low surface temperature of the housing provide additional protection against insects. Another advantage: the street luminaires with asymmetrical light distribution not only provide standard-compliant illumination but also result in fewer light emissions. Fewer light emissions increase the quality of life for people, animals and insects.

We will be happy to support you in your planning!

NEW

StreetLED3 15



IP66



 FULL CUTOFF

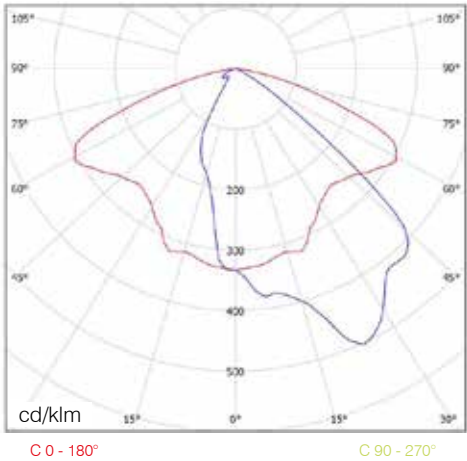
 *optional

The right lights for lighting requirements of around 5lx, corresponding to street category P4. Classic uses of StreetLED3 15 include smaller roads, paths and cycle lanes, private driveways, alleyways and parking spaces.

Technical data

Light colour	4000K
Luminous flux	1900lm
System e	112lm/W
Input voltage	230VAC, 50/60Hz
System output	17W
Protection class	I (II on request)
Service life	min. 100000h (L90)
Dimmable	50% via control
Protection category	IP66
Shock resistance	IK09
Weight	2.5kg
Dimensions LxWxH	430x200x130mm
Street category	P4 (5lx)
Recommended height of light spot	3-6m
Recommended pole spacing	24m (LPH 5m)

17W – 1900lm



Item no.	Description
324916	StreetLED3/W15/-
324917	StreetLED3/W15/dimmable 50%/-
277406	Pole securing mechanism for poles of diameter 60mm
274369	Pole securing mechanism for poles of diameter 76mm



Pole securing mechanism externally adjustable!

StreetLED3 30

IP66


*optional



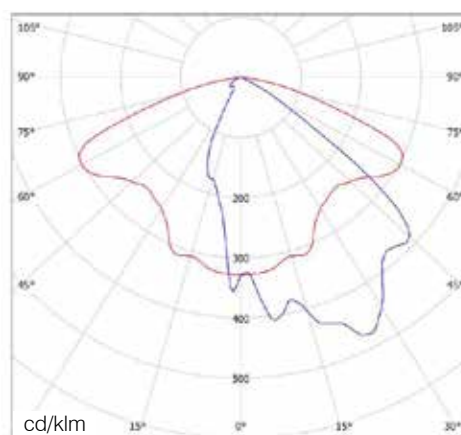
+/- 15° adjustable



The right light for lighting demands of around 0.5 cd/m^2 , corresponding to street category P3 and M5. Classic uses of StreetLED3 30 include larger paths and cycle lanes, private areas and industrial zones.

Technical data

Light colour	4000K
Luminous flux	3800lm
System efficiency	141lm/W
Input voltage	230VAC, 50/60Hz
System output	27W
Protection class	I (II on request)
Service life	min. 100000h (L90)
Dimmable	50% via control
Protection category	IP66
Shock resistance	IK09
Weight	3.5kg
Dimensions LxWxH	430x310x135mm
Street category	P3 oder M5 (0.5 cd/m^2)
Recommended height of light spot	6 – 10m
Recommended pole spacing	26m (LPH 6m)

27W – 3800lm


C 0 - 180°

C 90 - 270°

Item no.	Description
324918	StreetLED3/W30/-
324919	StreetLED3/W30/Dimmable 50%/-
277406	Pole securing mechanism for poles of diameter 60mm
274369	Pole securing mechanism for poles of diameter 76mm

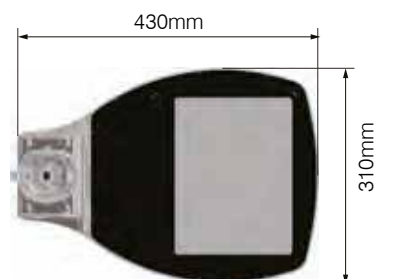


60 mm



76 mm

Pole securing mechanism externally adjustable!



StreetLED3 60

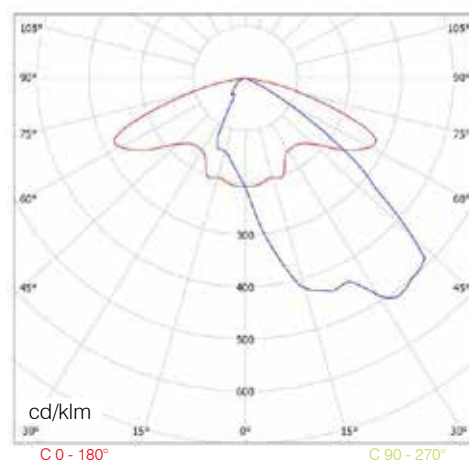


The right light for lighting demands of around 0.75 cd/m^2 , corresponding to street category M4. Classical uses for StreetLED3 60 include communal roads, crossroads, car parks and challenging open land and industrial zones.

Technical data

Light colour	4000K
Luminous flux	9600lm
System efficiency	150lm/W
Input voltage	230VAC, 50/60Hz
System output	64W
Protection class	I (II on request)
Service life	min. 100000h (L90)
Dimmable	50% via control
Protection category	IP66
Shock resistance	IK09
Weight	6.8kg
Dimensions LxWxH	720x465x139mm
Street category	M4 (0.75 cd/m^2)
Recommended height of light spot	10 – 15m
Recommended pole spacing	38m (LPH 8m)

64W – 9600lm



Item no.	Description
324920	StreetLED3/W60/-
324921	StreetLED3/W60/Dimmable 50%/-
277406	Pole securing mechanism for poles of diameter 60mm
274369	Pole securing mechanism for poles of diameter 76mm



60 mm

76 mm

Pole securing mechanism externally adjustable!



StreetLED3 90



IP66



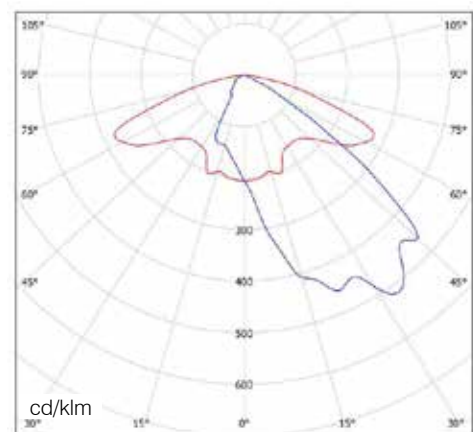
*optional

The right light for lighting demands of around $\varnothing 1.0 \text{ cd/m}^2$, corresponding to street category M3. Classical uses of StreetLED3 90 include city roads and squares, multiple intersections, large areas and parks, large open land and industrial zones.

Technical data

Light colour	4000K
Luminous flux	11800lm
System efficiency	142lm/W
Input voltage	230VAC, 50/60Hz
System output	83W
Protection class	I (II on request)
Service life	min. 100000h (L90)
Dimmable	50% via control
Protection category	IP66
Shock resistance	IK09
Weight	6.8kg
Dimensions LxWxH	720x465x139mm
Street category	M3 (1.0 cd/m^2)
Recommended height of light spot	10 – 15m
Recommended pole spacing	37m (LPH 9m)

83W – 11800lm



Item no.	Description
324922	StreetLED3/W90/-
324923	StreetLED3/W90/Dimmable 50%/-
277406	Pole securing mechanism for poles of diameter 60mm
274369	Pole securing mechanism for poles of diameter 76mm



60 mm



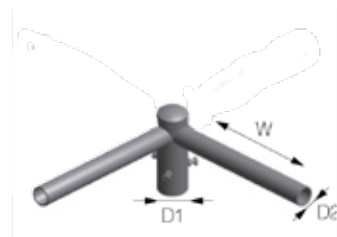
76 mm

Pole securing mechanism externally adjustable!

TOP !

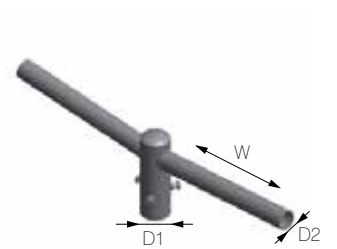


Accessories mast mounts



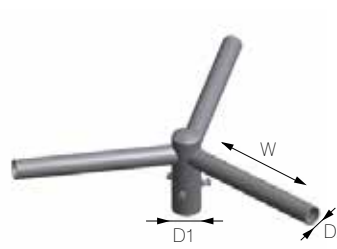
Outrigger twice, 90°

Item no.	W	D1	D2
283064	400	60	60
277764	400	76	60



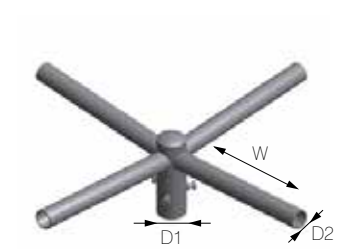
Outrigger twice, 180°

Item no.	W	D1	D2
276320	280	70	60
279209	280	60	60



Outrigger threefold, 120°

Item no.	W	D1	D2
277145	280	76	60



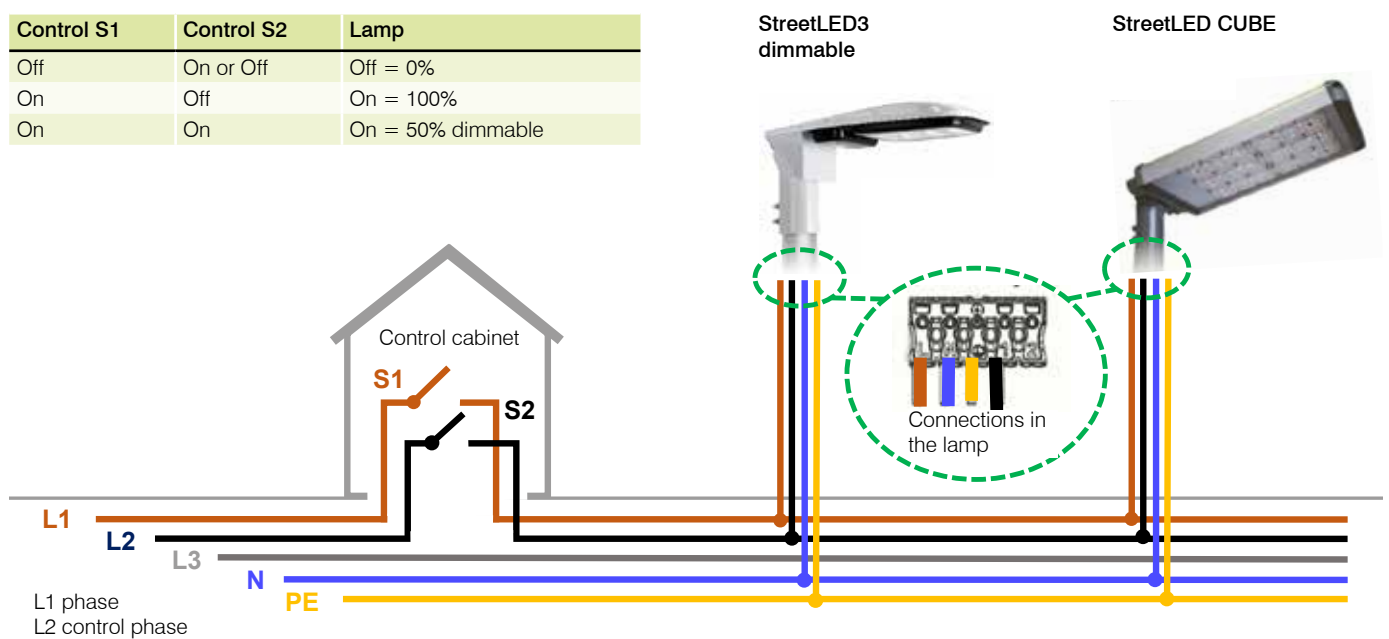
Outrigger fourfold, 90°

Item no.	W	D1	D2
285849	400	60	60
277908	250	76	60

Power reduction to 50% via 230V phase switching - switchable for StreetLED3 and StreetLED CUBE -

The lamp is switched on by switching phase (L). The luminaire can be dimmed by 50% by switching on or off another phase (control phase). This is a preset value which cannot be changed. The power reduction is also 50%.

Control S1	Control S2	Lamp
Off	On or Off	Off = 0%
On	Off	On = 100%
On	On	On = 50% dimmable



StreetLED3 / StreetLED CUBE2



BMW, Munich



BMW, Munich



Sewage treatment plant, Osnabrück



Sewage treatment plant, Osnabrück



Factory site



Ask Chemicals, Wülfrath

StreetLED3 / StreetLED SMART



Retail, Ernstbrunn



ARA „Energiepark“, Morgental



Urban road, industrial area



Factory site, chemical industry



Parking lot lighting, Göllheim

StreetLED3 / StreetLED CUBE



Before - Residential area, Rorschacherberg



After - Residential area, Rorschacherberg



Footpath, Rebstein



GIFAS, Rheineck



Bicycle path, Rebstein

StreetLED3 / StreetLED CUBE



Car park lighting Billa, Mistelbach



Main street, Rorschach



Energy Seeland, Lyss



Urban road, residential area



Urban road, residential area

WE ARE **EXPERTS** IN YOUR FIELD

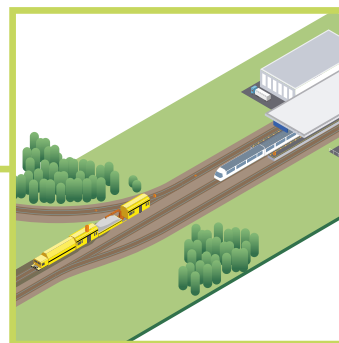
Street lighting /
path lighting



Public sector



Industrial sector



Transportation

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