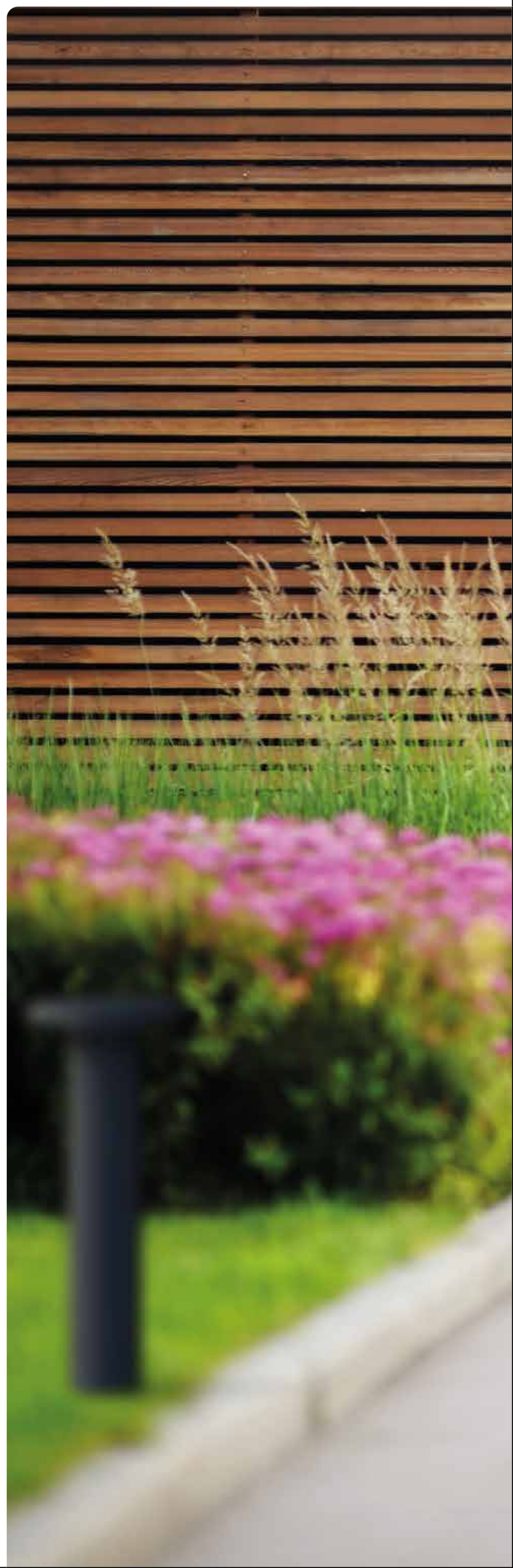


T23 NEWS

MRS BO

MRS BO

MRS BO is the “new addition” to the MR BO range in the Outdoor collection of minimal bollards.





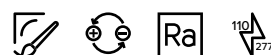
Bollard with feminine heart

MRS BO is the combination of two overlapping complementary and interacting cylindrical volumes that create a "unicum" formal with functional and elegant fixture.



A slender body with proportionate and harmonious shapes that hide great strength and endurance. The optical head composed of a wide, thin cylinder holds the technological and highly efficient soul of the bollard.

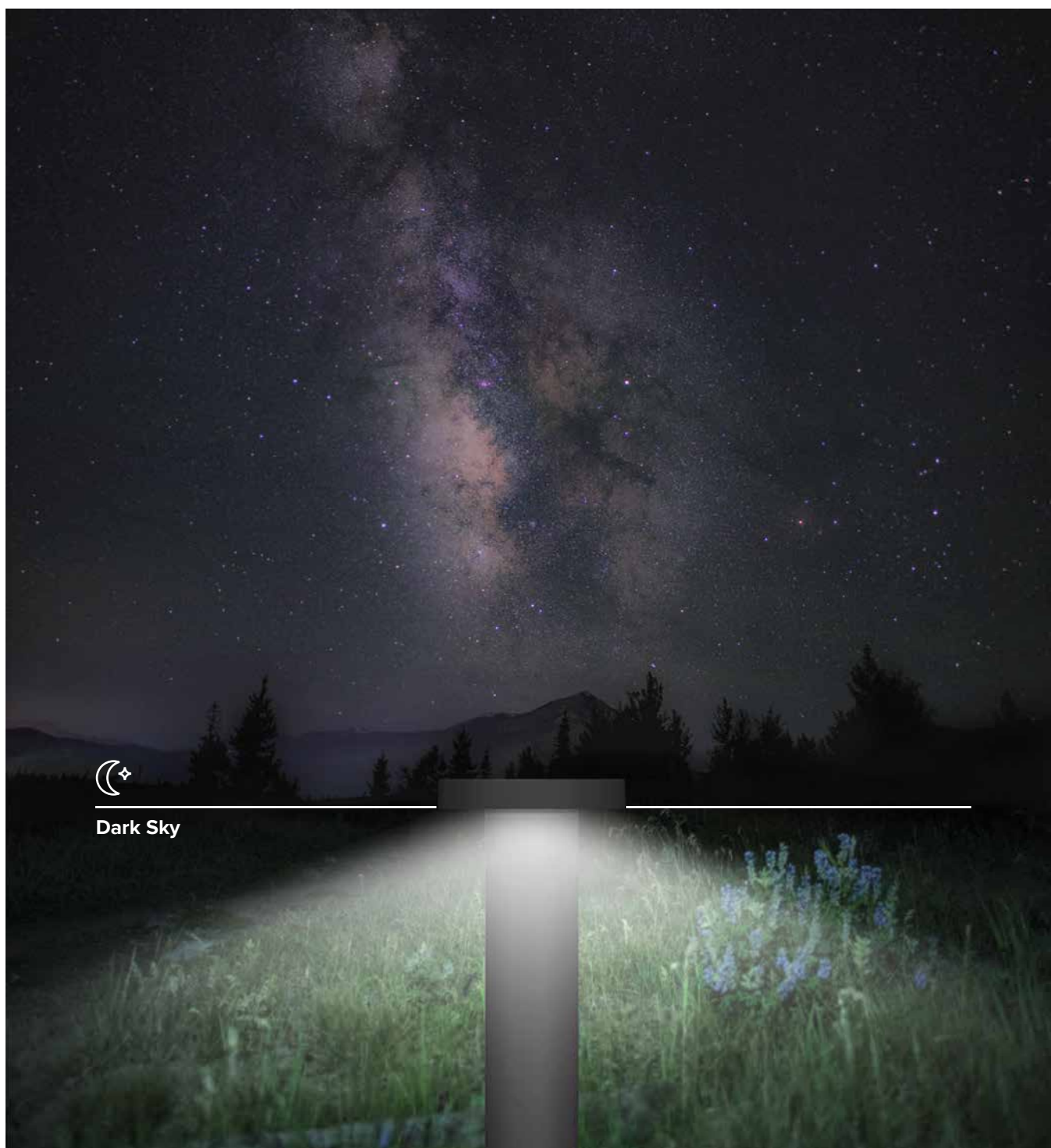
On request



Mrs Bo is available on request in all the colours of the "Easy Custom Colours" range. To see the Colours chart, consult page 136 or the website in the Download section.

It is also available on request with:

- Cataphoresis treatment
- Power supply 110-277VaC
- Ra90



Dark Sky

Dark sky

MRS BO is highly efficient because it eliminates emissions for angles greater than 90° , which means that delivers 0 candles above the horizontal axis. Therefore, it can be installed in all areas restricted by light pollution regulations.

This peculiarity allows to avoid any loss of illumination so that light can be focused only where it is needed.

MRS BO

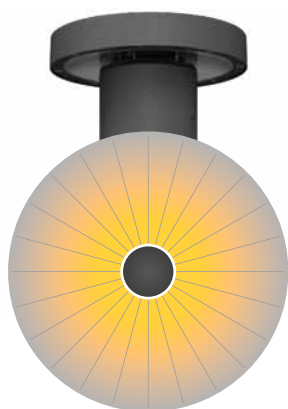


4

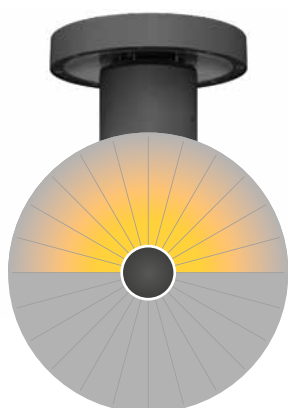
0

There are four different optical heads available for four different lighting effects

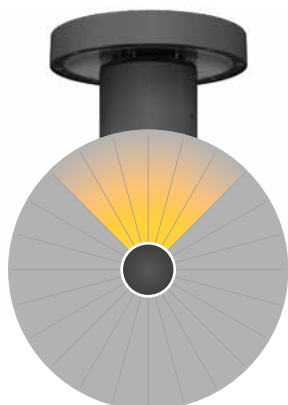
0% the luminous flux dispersed upwards



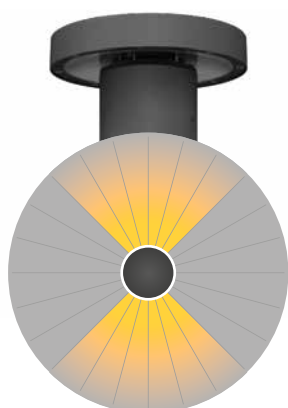
emission
360°



emission
180°



emission
90°



emission
90° + 90°

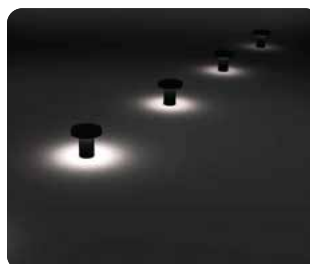


MRS BO Path

Ideal as step marker or for lighting walkways, parks and private gardens, MRS BO Path is only 150mm height. Like the other solutions in the MRS BO range, is an extremely resistant luminaire (IK10) and offers a 360° controlled emission capable of eliminating any light pollution.



Power supply 24V



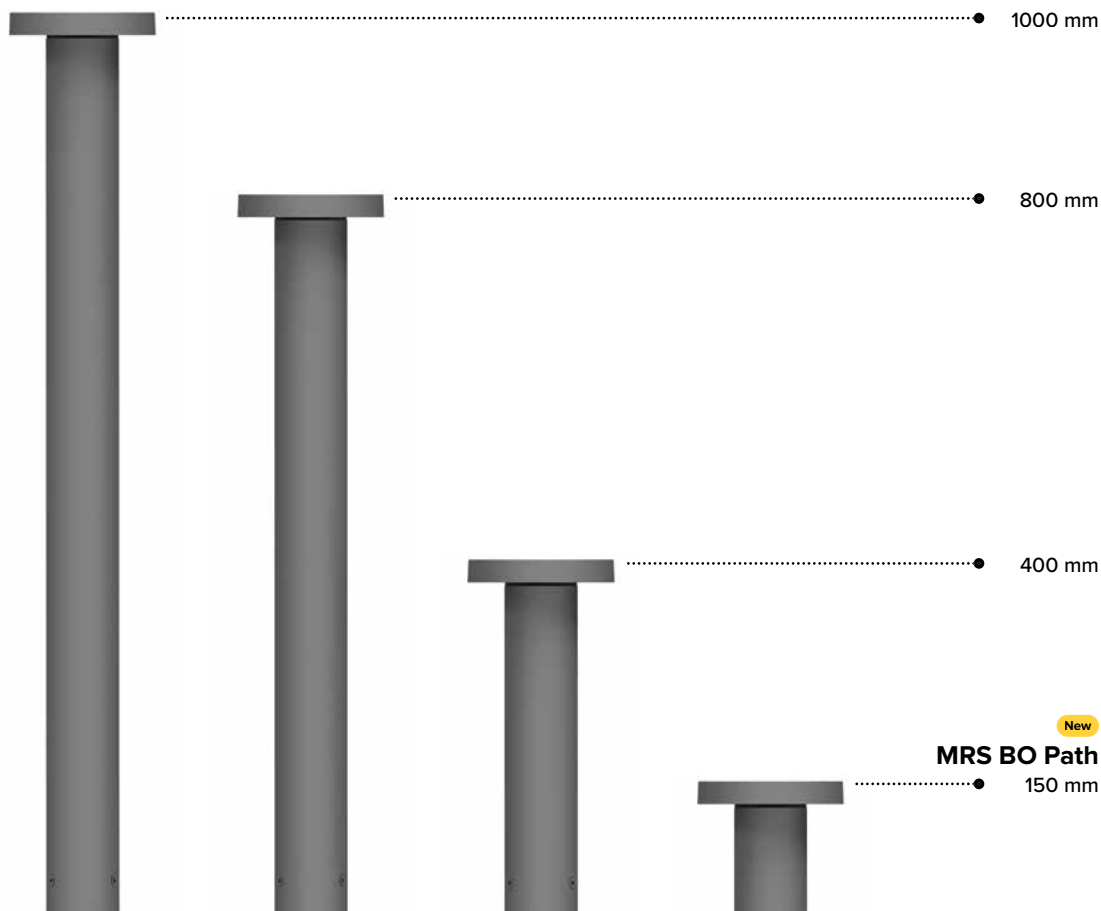
4

Four different heights



Colour temperature

2700K
3000K
3500K
4000K



New
MRS BO Path

150 mm

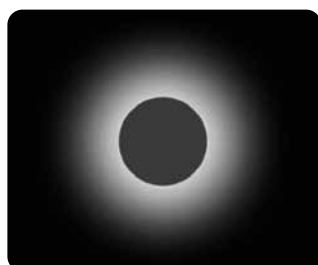
MRS BO

MRS BO Wall

For a coordinated lighting of outdoor environments,
MRS BO is also available in the Wall versions.



MRS BO Wall Flat



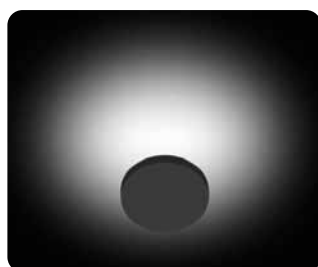
MRS BO Wall with indirect emission radiates its diffused light on surfaces, creating two different effect variants. The Flat version illuminates the surface with a soft radial effect and the version with a 20° inclined base allows to obtain an asymmetrical halo for suggestive and scenographic atmospheres.



MRS BO Wall fixtures are set for ceiling installation and are equipped with a special safety cable



MRS BO Wall Angled



MRS BO Wall luminaires are powered remotely (24V). It is possible to choose between a single configuration or multiple one that with a single driver supports multiple fixtures.

Optic Head

LED Ra80 | Fixture flux 3000K from 242lm to 915lm

Ø160x25mm



	Fixture power	Emission	Driver	2700K	3000K	3500K	4000K
	20W	360°	EL	1E4014EL	1E4015EL	1E4016EL	1E4017EL
			DA	1E4014DA	1E4015DA	1E4016DA	1E4017DA
	14W	180°	EL	1E4018EL	1E4019EL	1E4020EL	1E4021EL
			DA	1E4018DA	1E4019DA	1E4020DA	1E4021DA
	8,7W	90°	EL	1E4022EL	1E4023EL	1E4024EL	1E4025EL
			DA	1E4022DA	1E4023DA	1E4024DA	1E4025DA
	14W	90° + 90°	EL	1E4026EL	1E4027EL	1E4028EL	1E4029EL
			DA	1E4026DA	1E4027DA	1E4028DA	1E4029DA

Pole

Ø80mm

Height	Code
H. 371mm	1E4030
H. 771mm	1E4031
H. 971mm	1E4032

Related codes | Mounting system MRS BO

	Code
Trimless Mounting Plate	1E4033
Fixing Rods for Trimless Installation (to be applied on trimless mounting bases)	1E4034
Trim Mounting Plate	1E4035
Fixing Rods for Trim Installation (to be applied on trim mounting bases)	1E3450

Surge protection

New

	Code
Surge protection device IP67 10KV Class II	A013B

Accessories MRS BO


	Code
Linear connection box IP66/IP68 5 poles	1E2769
Multiple connection box IP68 1 IN - 3 OUT 4 poles	1E2494
IP68 4-way cable connector 5 poles	1E3184
IP67 Casambi module for individual control of DALI fixtures	1E3048
IP67 Casambi Extender for wireless control of DALI fixtures.	1E3049

MRS BO Path - Optic Head + Pole

LED Ra80 - Fixture flux 3000K 346lm

Ø160x150mm



	Fixture Power	Emission	Power supply	2700K	3000K	3500K	4000K
	10W	360°	24V	1E4353	1E4354	1E4355	1E4356

Related codes | Mounting system MRS BO Path

	Code
Trimless Mounting Plate	1E4360
Fixing Rods for Trimless Installation (to be applied on trimless mounting bases)	1E4034

Related drivers MRS BO Path

	Code
Remote electronic 24V driver 50W IP20 Multiple configuration up to 4 fixtures 185x22x63mm	1T3726
Remote electronic 24V driver 75W IP67 Multiple configuration up to 6 fixtures 162x32x49mm	1T3586
Remote electronic 24V driver 100W IP67 Multiple configuration up to 8 fixtures 230x87x43mm	1T3587
Remote electronic 24V driver 200W IP67 Multiple configuration up to 16 fixtures 238x42x67mm	1T3588
Remote electronic 24V driver 14,4W IP67 Single configuration 79x25x38mm (fit for integrating into the pole)	1E4359

- The drivers selected by Targetti make the fixtures “Safe Flicker”.

Surge protection

	Code
Surge protection device IP67 10KV Class II	A013B

Accessories MRS BO Path


	Code
Dimmer 1-10V/DALI	1T6581
IP67 Casambi module for individual control of DALI fixtures	1E3048
IP67 Casambi Extender for wireless control of DALI fixtures (up to 64 fixtures)	1E3049
Male/female connection kit 48V. Cable not included.	1E4184
Connection box Connection in parallel 1IN-2OUT 2 poles	1E4358

MRS BO Wall - Flat

LED Ra80 - Fixture flux 3000K 356lm

Ø160x70mm




	Fixture Power	Emission	Power supply	2700K	3000K	3500K	4000K
	10W	360°	24V	1E4345	1E4346	1E4347	1E4348

MRS BO Wall - Angled

LED Ra 80 - Fixture flux 3000K 342lm

Ø160x100mm



	Fixture Power	Emission	Power supply	2700K	3000K	3500K	4000K
	10W	Asym	24V	1E4349	1E4350	1E4351	1E4352

Related drivers MRS BO Wall

	Code
Remote electronic 24V driver 50W IP20 Multiple configuration up to 4 fixtures 185x22x63mm	1T3726
Remote electronic 24V driver 75W IP67 Multiple configuration up to 6 fixtures 162x32x49mm	1T3586
Remote electronic 24V driver 100W IP67 Multiple configuration up to 8 fixtures 230x87x43mm	1T3587
Remote electronic 24V driver 200W IP67 Multiple configuration up to 16 fixtures 238x42x67mm	1T3588
Remote electronic 24V driver 14,4W IP67 Single configuration 79x25x38mm	1E4359

- The drivers selected by Targetti make the fixtures “Safe Flicker”.

Surge protection

	Code
Surge protection device IP67 10KV Class II	A013B

Accessories MRS BO Wall

	Code
Outer casing for electric connections.	1E4357
Connection box Connection in parallel 1IN-2OUT 2 poles	1E4358
Dimmer 1-10V/DALI	1T6581
IP67 Casambi module for individual control of DALI fixtures	1E3048
IP67 Casambi Extender for wireless control of DALI fixtures (up to 64 fixtures)	1E3049

Requisites and information

All fixtures of the Targetti collection have been designed and produced to comply with European Standard EN60598-1 relative to the safety requisite of light fixtures.



All fixtures comply with the following directives:

- EMC Directive 2014/30/EU
- LV Directive 2014/35/EU
- RoHS Directive 2011/65/EU

Unless specified otherwise

- all fixtures are supplied without lamps;
- all fixtures are sold separately;
- all measurements are expressed in millimeters;
- all fixtures at low voltage are supplied without transformer;
- For products in Class III performance is only guaranteed using the electronic power supplies and drivers indicated in the catalogue.

Consorzio ecolight

Targetti Sankey Spa is a member of the Ecolight consortium that was set up in 2004 (D.Lgs. 49/2014) to comply with the provisions of the European Directive that was adopted in Italy as the European Directive 2012/19/EU for WEEE on managing, recovering and treating waste electrical and electronic equipment, used batteries and accumulators in compliance with all applicable legislation.

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TARGETTI SANKEY SpA

Certificated ISO 9001 n° 9130. TAR1
Certificated ISO 14001 n° IT319206

The EneC mark, ISO9001 and ISO14001 certifications and the CE marking all guarantee that the activities carried out internally in the company are governed and controlled by procedures which assure constant level of quality.

Accredited laboratory in accordance with ISO 17025.

Light beam apertures

from	to	beam	
5°	10°	Narrow Spot	NSP
11°	25°	Spot	SP
26°	40°	Flood	FL
41°	50°	Medium Wide Flood	MWFL
51°	70°	Wide Flood	WFL
71°	120°	Very Wide Flood	VWFL
		Wall Washer	WW
		Narrow Asymmetric	N. ASYM
		Asymmetric	ASYM

Icons legend

	Class I luminaire in which the protection against electrical shock is guaranteed by the connections of the conductive elements accessible to a protective conductor (earth connection).
	Class II luminaire (double insulation), protected against the accidental contact with parts under tension from the user.
	Class III luminaire, suitable for connection to very low voltage circuits.
	Solid particle and liquid ingress protection degree.
	Protection degree - Recessed part . Protection degree - Exposed part.
	Impact protection degree.

Particular symbols

	Cable length.
	Walk-over.
	Fixtures that have parameters below the minimum visibility threshold $PstLM \leq 1$ and $SVM \leq 0.4$ (IEC TR 61547-1 and IEC TR 63158).
	LED with $Ra_{__}$ where not present in the catalogue, available on request.
	Different colour temperatures available on request.
	Custom finish of your choice from the Targetti Colours range and RAL indicated in the colour chart can be downloaded on line from the download section.
	Cataphoresis treatment carried out on request.
	Power supply
	Supplied on request with an integrated or remote 110-277Vac power supply as indicated for the standard model.
	Emergency light module available

Note

- Please contact us for on request treatments and versions.
- The performances reported on the products refer to the use of the recommended drivers.
- The drivers selected by Targetti make the fixtures "Safe Flicker".

