Projectors
PYROS

PYROS

GENERAL INFO
Professional projector.
Pyros
ø186mm
Nano Pyros
ø107mm
Pico Pyros
ø50mm

LED
Chip on board
LED Emitter for version
Pico Pyros e RGBW
From 216lm to 9023lm
3000K – 4000K
Ra80

PRODUCT EFFICACY
Up to 110lm/W

OPTICS
SP – FL – MWFL

POWER SUPPLY
Electronic

MATERIAL
Painted die-cast anodised
aluminium body,
brackets and joints.

ON DEMAND

Easy Custom Colour

110-277Vac
power supply
(Pyros
Pyros RGBW
Nano Pyros)

Cataphoresis
treatment

A range that was designed for lighting building facades, accentuating trees and green elements and in all those contexts where precision must be combined with excellent performance.

The larger version is high performance making it suitable for lighting from long distances and large architectural structures. Where on the other hand it is required to light details the Nano and Pico versions provide optical solutions and different powers. Pyros shows the extent of its flexibility with its installation system that makes it possible to extend or contract it depending on requirements.

The Pyros and Nano Pyros versions are also available in RGBW and RGB versions.

On request it is possible to subject the product to "Cataphoresis" treatment making it suitable to be installed near the sea (up to 5 metres) or in "hostile" environments.

The entire range uses the "Waterblock Smart" technical solution that involves resin coating the connection cables limiting the risk of humidity reaching the driver or the fixture.
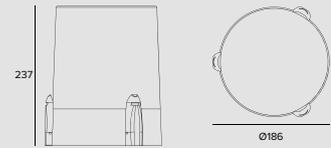

Outdoor

PYROS

L. 237mm

237
Ø186

LED / 25W / SP

| | | | 6 | IP66 | IP67 | IK10 | 1,5m | |
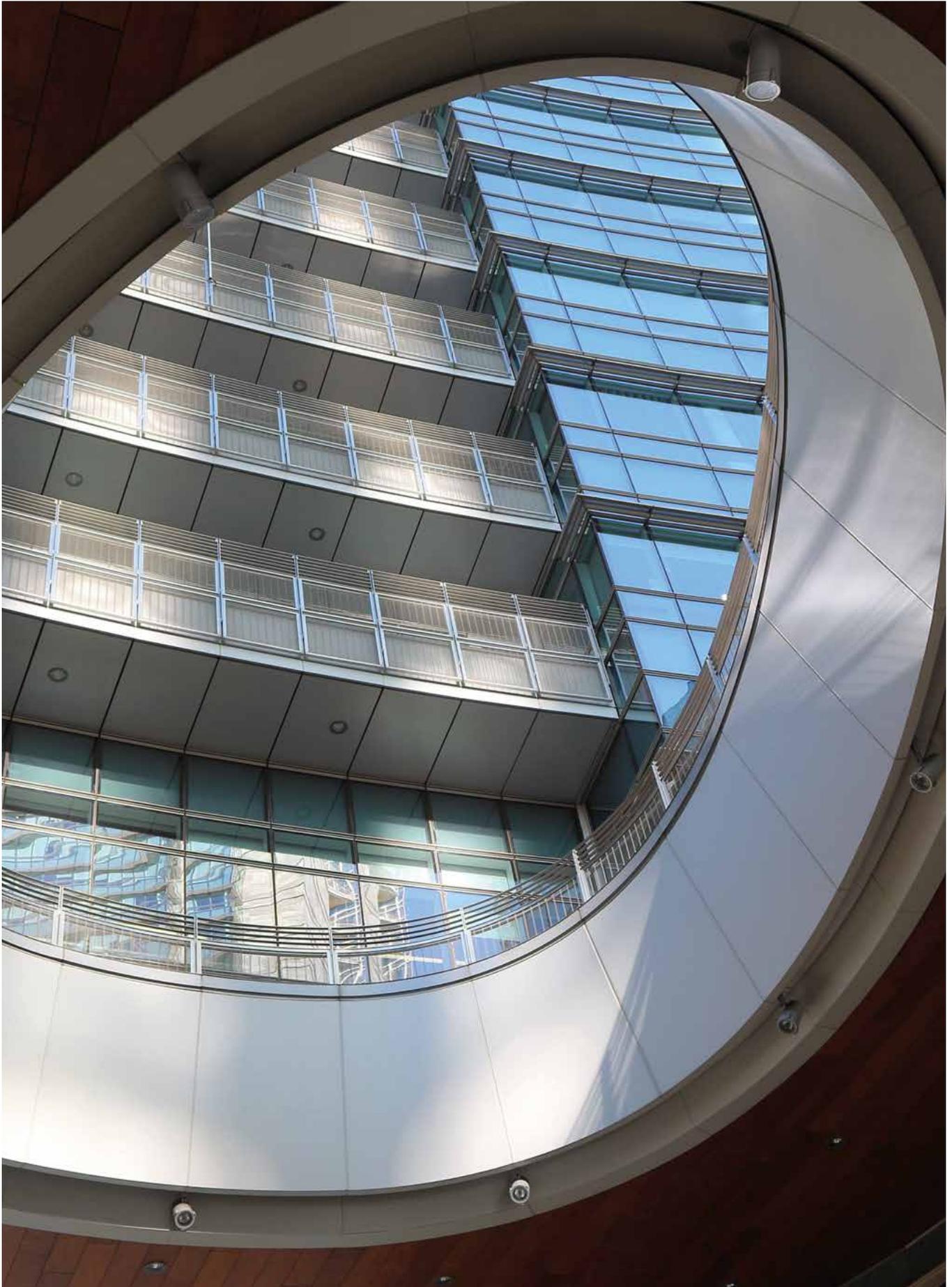
3000K		H(m)	D(m)	Emax(lx)
Ra80			10°	
Fixture Power	28W	1	0.17	48565
Source Flux	3655lm	2	0.35	12141
Fixture Flux	2938lm	3	0.52	5396
Efficacy	105lm/W	4	0.69	3035
TS640 Imax=13287cd/klm	Imax 48565cd	5	0.87	1943

Driver	Colour	3000K	4000K
EL.	●	**1E2779**	**1E2780**

LED / 25W / FL

| | | | 6 | IP66 | IP67 | IK10 | 1,5m | |

3000K		H(m)	D(m)	Emax(lx)
Ra80			25°	
Fixture Power	28W	1	0.45	11885
Source Flux	3655lm	2	0.89	2971
Fixture Flux	2869lm	3	1.34	1321
Efficacy	102lm/W	4	1.79	743
TS641 Imax=3252cd/klm	Imax 11885cd	5	2.23	475

Driver	Colour	3000K	4000K
EL.	●	**1E2781**	**1E2782**

LED / 39W / SP

| | | | 6 | IP66 | IP67 | IK10 | 1,5m | |

3000K		H(m)	D(m)	Emax(lx)
Ra80			10°	
Fixture Power	42W	1	0.17	67087
Source Flux	5049lm	2	0.35	16772
Fixture Flux	4059lm	3	0.52	7454
Efficacy	98lm/W	4	0.69	4193
TS640 Imax=13287cd/klm	Imax 67087cd	5	0.87	2683

Driver	Colour	3000K	4000K
EL.	●	**1E2783**	**1E2784**

LED / 39W / FL

| | | | 6 | IP66 | IP67 | IK10 | 1,5m | |

3000K		H(m)	D(m)	Emax(lx)
Ra80			25°	
Fixture Power	42W	1	0.45	16417
Source Flux	5049lm	2	0.89	4104
Fixture Flux	3963lm	3	1.34	1824
Efficacy	95lm/W	4	1.79	1026
TS641 Imax=3252cd/klm	Imax 16417cd	5	2.23	657

Driver	Colour	3000K	4000K
EL.	●	**1E2785**	**1E2786**

LED / 50W / SP

| | | | 6 | IP66 | IP67 | IK10 | 1,5m | |

3000K		H(m)	D(m)	Emax(lx)
Ra80			10°	
Fixture Power	55W	1	0.17	91495
Source Flux	6672lm	2	0.35	22874
Fixture Flux	5279lm	3	0.52	10166
Efficacy	96lm/W	4	0.70	5718
TS972 Imax=13713cd/klm	Imax 91495cd	5	0.87	3660

Driver	Colour	3000K	4000K
EL.	●	**1E2978**	**1E2979**

Outdoor

PYROS

LED / 50W / FL

□ 6 | IP66 | IP67 | IK10 | 1,5m | ⌖

3000K		H(m)	D(m)	Emax(lx)
Ra80			24°	
Fixture Power	55W	1	0.43	22191
Source Flux	6672lm	2	0.86	5548
Fixture Flux	5237lm	3	1.28	2466
Efficacy	95lm/W	4	1.71	1387
TS973 Imax=3326cd/klm Imax	22191cd	5	2.14	888

Driver	Colour	3000K	4000K
EL.	●	**1E2980**	**1E2981**

L. 307mm

307

Ø186

LED / 63W / SP

□ 7 | IP66 | IP67 | IK10 | 1,5m | ⌖
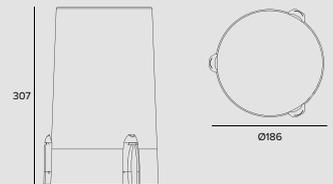
3000K		H(m)	D(m)	Emax(lx)
Ra80			10°	
Fixture Power	69W	1	0.17	118918
Source Flux	8812lm	2	0.35	29730
Fixture Flux	6972lm	3	0.52	13213
Efficacy	101lm/W	4	0.70	7432
TS1633 Imax=13495cd/klm Imax	118918cd	5	0.87	4757

Driver	Colour	3000K	4000K
EL.	●	**1E4188**	**1E4189**

LED / 63W / FL

□ 7 | IP66 | IP67 | IK10 | 1,5m | ⌖

| 3000K		H(m)	D(m)	Emax(lx)
Ra80			24°	
Fixture Power	69W	1	0.43	29309
Source Flux	8812lm	2	0.86	7327
Fixture Flux	6917lm	3	1.28	3257
Efficacy	100lm/W	4	1.71	1832
TS1634 Imax=3326cd/klm Imax	29309cd	5	2.14	1172

Driver	Colour	3000K	4000K
EL.	●	**1E4190**	**1E4191**

Note

All projector bodies must be completed with dedicated mounting brackets equipped with graduated metal rings on the bracket allowing 360° rotation on the horizontal axis and 180° on the vertical axis. Mechanical locking system to ensure aiming stability.
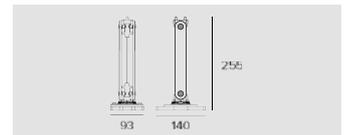
Related codes

Mounting System

102

93   140
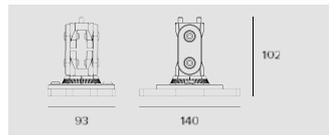
| Kg	Colour	Code
0.6	●	**1E2806**

Die-cast aluminium bracket with double joint to allow 180° rotation on the vertical plane.
Graduated metal ring located at the base of the bracket to allow 360° rotation on the horizontal plane. Mechanical locking system to ensure aiming stability.
Short version.

255

93   140

Kg	Colour	Code
1.3	●	**1E2807**

Die-cast aluminium bracket with double joint to allow 180° rotation on the vertical plane.
Graduated metal ring located at the base of the bracket to allow 360° rotation on the horizontal plane. Mechanical locking system to ensure aiming stability.
Complete with a connection joint.
Long version.

PYROS
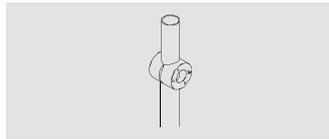
		Code
		1E2825

Pole bracket.
Anodised and powder coated aluminium.
Pole Ø 60mm (+/-2mm).

		Code
		1E2826

Pole head for pole with external diameter 60mm (+/-2mm) and internal diameter > 40mm.

# Accessories

Filter
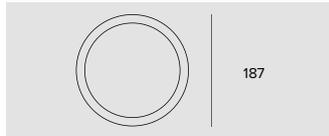
	187		Ø	Code
			187	**1E2821**

"Blade of light" effect refractive filter.
The special linear incisions modify the light beam, enlarging it in a perpendicular direction to the incisions.
With very narrow beams it is possible to obtain precise "blades" of light for special effects.
Complete with ring.

	187		Ø	Code
			187	**1E2822**

"Soft beam" effect refractive filter.
The special linear incisions reduce the variance between the primary and secondary light beam, making it more uniform.
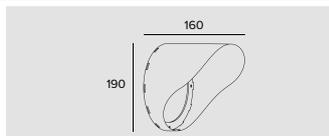Complete with ring.
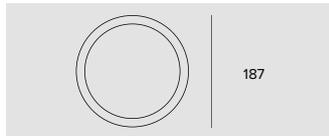
	187		Ø	Code
			187	**1E2820**

Frosted glass. Complete with ring.
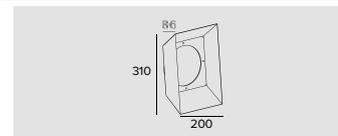
Screen

190	160	Code
		1E2823

Adjustable stainless steel asymmetric screen with 8 positions and 2 mounting screws.
Permits the shielding of the light beam with wide beam optics.

Ray Shade

310	86		Code
	200		**1E2824**

Stainless steel barn door with fixed flaps, adjustable to 4 positions with 2 mounting screws.

Connector

		Code
		1E2769

Linear connection box IP66/IP68.
5 poles max. wire section 1.5mm².
Cable diameter range from 7 to 12mm.

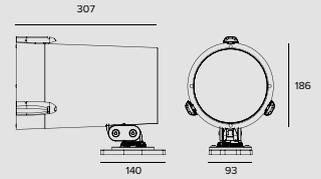|		Code
		1E2494

Multiple connection box IP68.
1 IN - 3 OUT 4 poles max. wire section 2.5mm².
Cable diameter range from 6 to 12mm.

Outdoor

PYROS

RGBW
Short arm

307
186
140
93

LED RGBW / 35W / SP

7.6 | IP67 | IK10 | 1,5m | DMX

-		H(m)	D(m)	Emax(lx)
-				19°
Fixture Power	43W	1	0.34	5855
Source Flux	972lm	2	0.67	1464
Fixture Flux	972lm	3	1.01	651
Efficacy	23lm/W	4	1.34	366
TS1055 Imax=6025cd/klm Imax	5855cd	5	1.68	234

Driver	Colour	RGBW
EL. DMX	●	1E3124

LED RGBW / 35W / FL

7.6 | IP67 | IK10 | 1,5m | DMX

-		H(m)	D(m)	Emax(lx)
-				37°
Fixture Power	43W	1	0.67	2353
Source Flux	960lm	2	1.34	588
Fixture Flux	960lm	3	2.00	261
Efficacy	22lm/W	4	2.67	147
TS1056 Imax=2456cd/klm Imax	2357cd	5	3.34	94

Driver	Colour	RGBW
EL. DMX	●	1E3173

RGBW
Long arm

307
186
140
93

LED RGBW / 35W / SP

8.3 | IP67 | IK10 | 1,5m | DMX

-		H(m)	D(m)	Emax(lx)
-				19°
Fixture Power	43W	1	0.34	5855
Source Flux	972lm	2	0.67	1464
Fixture Flux	972lm	3	1.01	651
Efficacy	23lm/W	4	1.34	366
TS1055 Imax=6025cd/klm Imax	5855cd	5	1.68	234

Driver	Colour	RGBW
EL. DMX	●	1E3125

LED RGBW / 35W / FL

8.3 | IP67 | IK10 | 1,5m | DMX

-		H(m)	D(m)	Emax(lx)
-				37°
Fixture Power	43W	1	0.67	2353
Source Flux	960lm	2	1.34	588
Fixture Flux	960lm	3	2.00	261
Efficacy	22lm/W	4	2.67	147
TS1056 Imax=2456cd/klm Imax	2357cd	5	3.34	94

Driver	Colour	RGBW
EL. DMX	●	1E3174

Note

Photometrics show the maximum emission values of fixtures.

PYROS

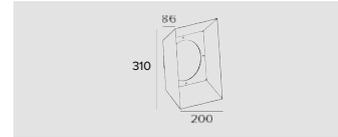## Accessories

Screen
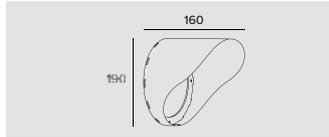
160
190

Code
1E2823

Adjustable stainless steel asymmetric screen with 8 positions and 2 mounting screws. Permits the shielding of the light beam with wide beam optics.
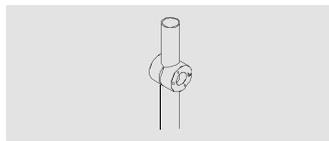
Ray Shade

86
310
200

Code
1E2824

Stainless steel barn door with fixed flaps, adjustable to 4 positions with 2 mounting screws.

Mounting System

Code
1E2825

Pole bracket.
Anodised and powder coated aluminium.
Pole Ø 60mm (+/-2mm).

Code
1E2826

Pole head for pole with external diameter 60mm (+/-2mm) and internal diameter > 40mm.

Control systems

Code
1E2767

USB-RDM Programmer code.
DMX-RDM (Remote Device Management) address planner.
Used with the "RDM Targetti" software that can be downloaded for free from the Targetti website download section.
To be used with all RGBW products.
The USB-RDM programmer manages to direct DMX-RDM fixtures if there are no BUFFER or Splitter DMXs on the section.
Please refer to the instructions for more details.

Code
1T1898

my-SCENARIO Show Store.
Digital devices designed to control dynamic lighting fixtures and programme dynamic light scenarios and sequences.
The system consists of intuitive software, compatible with Windows operating systems, able to control different hardware devices with the following functions: - record colour-changing scenarios set by the operator; - allow selection among the multiple scenarios already recorded; - transmit the control signals to the lighting system.
The software is interfaced to the PC through a USB port; the interface with lighting fixtures is featured through a DMX 512 output.
The software provides a graphic simulation of the operating keys of a lighting controller; the patching function allows the DMX control channels to be assigned to fixtures by using the internal library.
The Colour Manager function allows for quick and intuitive programming of a RGB light show, consisting of several steps with assigned duration and fading times.
The built-in calendar allows full time scheduling of show playback (month, day, hour, minutes, recurring events).
The programmed light shows can be transferred to different control interfaces.

Outdoor

PYROS

	Code
	1T6499

myScenario Wall.
DMX controller with a glass touch sensitive screen for architectural applications.
It can control two different DMX universes (2x 512 channels).
Stand alone function or connected to a computer using a USB port.
Software for creating scenarios (that can be downloaded from the Targetti website) included.
It can manage 10 different lighting zones and 50 scenarios per zone.
The touch keys on the front make it possible to modify and recall programmed scenarios.
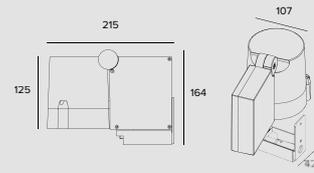USB cable included.
To be used with all RGB and RGBW products.

PYROS

NANO PYROS

215 | 107 | 125 | 164

LED / 21W / HYBRID / SP

| | | | | | 1.6 | IP67 | IK10 | 1,5m | |

	3000K		H(m)	D(m)	Emax(lx)
	Ra80				13°
Fixture Power	24W		1	0.23	25082
Source Flux	2954lm		2	0.46	6271
Fixture Flux	1768lm		3	0.69	2787
Efficacy	73lm/W		4	0.92	1568
TS649 Imax=8491cd/klm	Imax	25082cd	5	1.14	1003

Driver	Colour	3000K	4000K
EL.	●	**1E2827**	**1E2828**

LED / 21W / HYBRID / FL

| | | | | | 1.6 | IP67 | IK10 | 1,5m | |

	3000K		H(m)	D(m)	Emax(lx)
	Ra80				32°
Fixture Power	24W		1	0.58	6061
Source Flux	2954lm		2	1.17	1515
Fixture Flux	1655lm		3	1.75	673
Efficacy	69lm/W		4	2.33	379
TS650 Imax=2052cd/klm	Imax	6061cd	5	2.91	242

Driver	Colour	3000K	4000K
EL.	●	**1E2829**	**1E2830**

LED / 21W / REFLECTOR / MWFL

| | | | | | 1.6 | IP67 | IK10 | 1,5m | |

	3000K		H(m)	D(m)	Emax(lx)
	Ra80				45°
Fixture Power	24W		1	0.82	4830
Source Flux	3153lm		2	1.64	1207
Fixture Flux	2582lm		3	2.46	537
Efficacy	107lm/W		4	3.28	302
TS651 Imax=1559cd/klm	Imax	4917cd	5	4.10	193

Driver	Colour	3000K	4000K
EL.	●	**1E2831**	**1E2832**

Accessories

Filter

	107
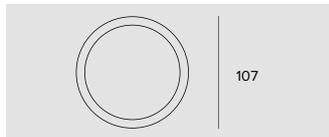
Kg	Ø	Code
0.2	107	**1E2853**

	107
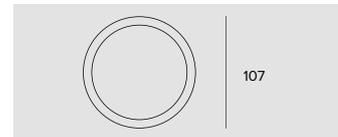
Kg	Ø	Code
0.2	107	**1E2854**

"Blade of light" effect refractive filter.
The special linear incisions modify the light beam, enlarging it in a perpendicular direction to the incisions.
With very narrow beams it is possible to obtain precise "blades" of light.
Complete with ring.

"Soft beam" effect refractive filter.
The special linear incisions reduce the variance between the primary and secondary light beam, making it more uniform.
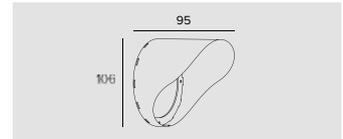Complete with ring.

Outdoor

PYROS

Grid

	Code
	1E2766

Anti-glare louver.
Black painted metal honeycomb structure.
Designed to be housed inside the fixture.
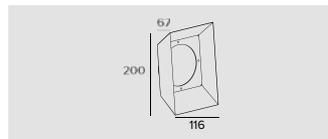
Screen

	Code
	1E2855

Adjustable stainless steel asymmetric screen with 8 positions and 2 mounting screws.
Permits the shielding of the light beam with wide beam optics.
0.7Kg.

Ray Shade

	Code
	1E2856

Stainless steel barn door with fixed flaps, adjustable to 4 positions with 2 mounting screws.
0.4Kg.

Mounting System

Kg	L	Code
0.5	200	**1E2845**
1.8	800	**1E2846**

Earthspike.

Kg	L	Code
0.7	232	**1E2847**
2	832	**1E2848**

Spike with base for surface installation.
1E2847 - Short peg with base for surface mounting.
1E2848 - Long peg with base for surface mounting.

Connector

	Code
	1E2769

Linear connection box IP66/IP68.
5 poles max. wire section 1.5mm^2.
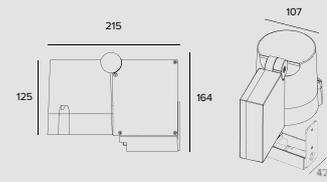Cable diameter range from 7 to 12mm.

	Code
	1E2494

Multiple connection box IP68.
1 IN - 3 OUT 4 poles max. wire section 2.5mm^2.
Cable diameter range from 6 to 12mm.

PYROS

NANO PYROS RGB

215 · 125 · 164 · 107 · 42

LED RGB / 20W / SP

1.5 | IP67 | IK10 | 1.5m | DMX DMX.RGB

-		H(m)	D(m)	Emax(lx)
-				15°
Fixture Power	25W	1	0.26	1396
Source Flux	216lm	2	0.53	349
Fixture Flux	173lm	3	0.79	155
Efficacy	7lm/W	4	1.06	87
EV308 Imax=6463cd/klm Imax	1396cd	5	1.32	56

Driver	Colour	RGB
EL. DMX	●	1E2833

LED RGB / 20W / FL

1.5 | IP67 | IK10 | 1.5m | DMX DMX.RGB

-		H(m)	D(m)	Emax(lx)
-				24°
Fixture Power	24W	1	0.42	800
Source Flux	239lm	2	0.84	200
Fixture Flux	187lm	3	1.26	89
Efficacy	8lm/W	4	1.68	50
EV174 Imax=3347cd/klm Imax	800cd	5	2.10	32

Driver	Colour	RGB
EL. DMX	●	1E2834

Note

Photometrics show the maximum emission values of fixtures.
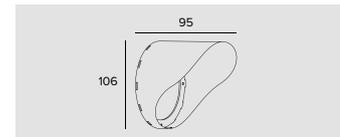
Accessories

Grid

	Code
	1E2766

Anti-glare louver.
Black painted metal honeycomb structure.
Designed to be housed inside the fixture.
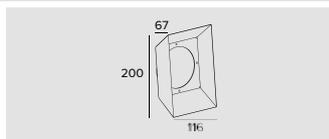
Screen

95 · 106

	Code
	1E2855

Adjustable stainless steel asymmetric screen with 8 positions and 2 mounting screws.
Permits the shielding of the light beam with wide beam optics.
0.7Kg.

Ray Shade

67 · 200 · 116

	Code
	1E2856

Stainless steel barn door with fixed flaps, adjustable to 4 positions with 2 mounting screws.
0.4Kg.

Outdoor

PYROS

	Kg	L	Code
	0.5	200	**1E2845**
	1.8	800	**1E2846**

Earthspike.

	Kg	L	Code
	0.7	232	**1E2847**
	2	832	**1E2848**

Spike with base for surface installation.
1E2847 - Short peg with base for surface mounting.
1E2848 - Long peg with base for surface mounting.

Cable

Code
1T1932

Standard DMX cable (1 twisted pair + shield, 120 Ohm).

Control systems

Code
1T1898

my-SCENARIO Show Store.
Digital devices designed to control dynamic lighting fixtures and programme dynamic light scenarios and sequences.
The system consists of intuitive software, compatible with Windows operating systems, able to control different hardware devices with the following functions: - record colour-changing scenarios set by the operator; - allow selection among the multiple scenarios already recorded; - transmit the control signals to the lighting system.
The software is interfaced to the PC through a USB port; the interface with lighting fixtures is featured through a DMX 512 output.
The software provides a graphic simulation of the operating keys of a lighting controller; the patching function allows the DMX control channels to be assigned to fixtures by using the internal library.
The Colour Manager function allows for quick and intuitive programming of a RGB light show, consisting of several steps with assigned duration and fading times.
The built-in calendar allows full time scheduling of show playback (month, day, hour, minutes, recurring events).
The programmed light shows can be transferred to different control interfaces.

Code
1T6499

myScenario Wall.
DMX controller with a glass touch sensitive screen for architectural applications.
It can control two different DMX universes (2x 512 channels).
Stand alone function or connected to a computer using a USB port.
Software for creating scenarios (that can be downloaded from the Targetti website) included.
It can manage 10 different lighting zones and 50 scenarios per zone.
The touch keys on the front make it possible to modify and recall programmed scenarios.
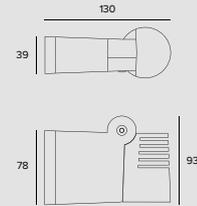USB cable included.
To be used with all RGB and RGBW products.

PYROS

PICO PYROS

130
39
78   93

LED / 8W / SP

| □ | 0.5 | IP67 | IK09 | 1.5m | |

3000K		H(m)	D(m)	Emax(lx)
Ra80				18°
Fixture Power	11W	1	0.32	2253
Source Flux	501lm	2	0.65	563
Fixture Flux	408lm	3	0.97	250
Efficacy	39lm/W	4	1.29	141
EV218 Imax=4497cd/klm	Imax 2253cd	5	1.62	90

Driver	Colour	3000K	4000K
EL.	●	**1E2857**	**1E2859**

LED / 8W / FL

| □ | 0.5 | IP67 | IK09 | 1.5m | |

3000K		H(m)	D(m)	Emax(lx)
Ra80				36°
Fixture Power	11W	1	0.65	656
Source Flux	501lm	2	1.30	164
Fixture Flux	361lm	3	1.95	73
Efficacy	34lm/W	4	2.60	41
EV216 Imax=1308cd/klm	Imax 656cd	5	3.25	26

Driver	Colour	3000K	4000K
EL.	●	**1E2858**	**1E2860**

Accessories

Connector

	Code
	1E2769

Linear connection box IP66/IP68.
5 poles max. wire section 1.5mm².
Cable diameter range from 7 to 12mm.
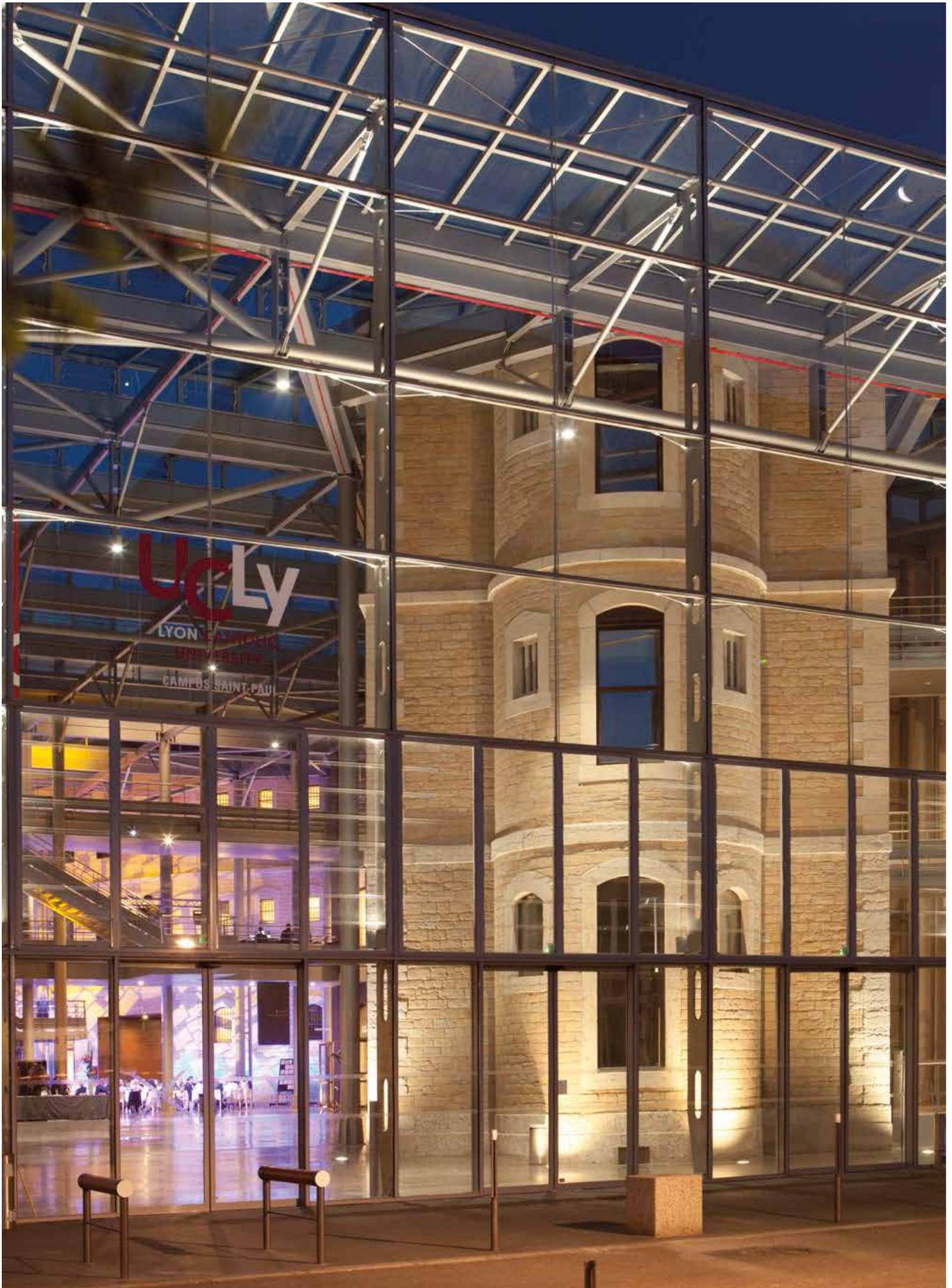
	Code
	1E2494

Multiple connection box IP68.
1 IN - 3 OUT 4 poles max. wire section 2.5mm².
Cable diameter range from 6 to 12mm.

Outdoor

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.

CE **DIRECTIVES EUROPEAN COUNCIL**

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).

Luminaire in which the connection to a protective conductor (earth connection) guarantees the immunity to radio noises.

Class II luminaire (double insulation), protected against the accidental contact with parts under tension from the user.

III   Class III luminaire, suitable for connection to very low voltage circuits.

IP..   Solid particle and liquid ingress protection degree.

IP..
IP..   Protection degree - Recessed part .
Protection degree - Exposed part.

IK..   Impact protection degree.

ENEC   ENEC
European Norms Electrical Certification.

Particular symbols

0,5   Weight of the single fixture.

Cable length.

Walk-over.

Driver-over safe.

Fixtures that have parameters below the minimum visibility threshold PstLM≤1 and SVM≤0.4 (IEC TR 61547-1 and IEC TR 63158).

DBS   Dynamic Beam Shaper optical technology with remote management of the beam opening.

Ra   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.

Treatment carried out on request.

Supplied on request with an integrated or remote 110-277Vac power supply as indicated for the standard model.

LED version with a different "Tunable White" tone available on request.

Note

➜ Please contact us for on demand 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".

targetti.com