

# T23 NEWS

DART ROUND

# DART ROUND

Dart Round was designed to enhance the architecture of our cities to make them more pleasant to live and discover.

Professional, high-performances projectors with simple shapes and soft lines, every care is taken in the choice of materials and the technical solutions used.

**Architect** B-sign architetti Firenze - Enrico Bianchini,  
Tommaso Bertini, Fabrizio Bertoli  
**Photographer** Ivan Rossi

**Project** Le Cerrale winery





From the first Dart fixture they inherit all the characteristics of flexibility and resistance, but most of all the range of optical units. Three sizes, up to 5 different power supplies, 8 different light distributions, colour temperatures of 3000K and 4000K as standard and 2700K and 3500K on request, Tunable White and RGBW versions. Standard colour rendering of Ra80 and Ra90 on request with luminous flux from 162 to 8900 lumen.



#### LED

Source efficacy up to  
167 lm/W

Thanks to its extensive breadth and depth, Dart Round range it is suitable for any situation: large or small distances,

difficult installation points, wide surfaces to be lit or small elements to be enhanced.

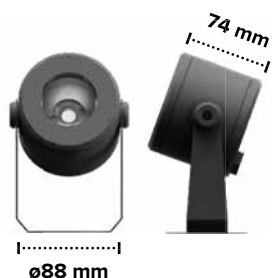
#### On request



DART Round 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
- ➔ 2700K and 3500K



## Dart Round Small — Remote power supply



**LED**  
White LED Ra80 3000K - 4000K



**OPTICS**  
NSP • SP • FL • MWFL

**TECHNICAL FEATURES**  
IP66 • IK10 • CL3



**SOURCE FLUX**  
from 230lm to 2210lm

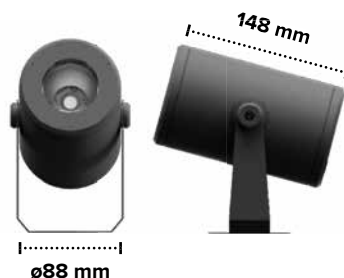
**FIXTURE FLUX**  
from 162lm to 1685lm

**FIXTURE POWER**  
from 2,1W to 14,8W

**PRODUCT EFFICACY**  
up to 124lm/W



**POWER SUPPLY**  
Remote driver



## Dart Round Small



**LED**  
White LED Ra80 3000K - 4000K  
Tunable White Ra80  
RGBW



**OPTICS**  
NSP • SP • FL • MWFL

**TECHNICAL FEATURES**  
IP66 • IK10  
Integrated driver: CL1  
Remote driver: CL3



**SOURCE FLUX**  
from 230lm to 1952lm

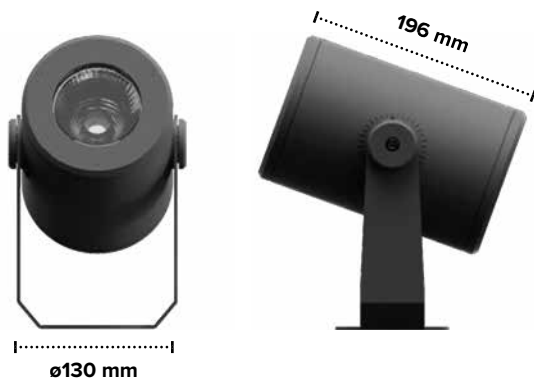
**FIXTURE FLUX**  
from 162lm to 1489lm

**FIXTURE POWER**  
from 3,7W to 15W

**PRODUCT EFFICACY**  
up to 110lm/W



**POWER SUPPLY**  
White LED - Integrated driver  
Tunable White and RGBW - Remote driver



## Dart Round Medium



**LED**  
White LED Ra80 3000K - 4000K  
Tunable White Ra80  
RGBW



**OPTICS**  
NSP • SP • FL • MWFL • WFL

**TECHNICAL FEATURES**  
IP66 • IK10  
Integrated driver: CL1  
Remote driver: CL3



**SOURCE FLUX**  
from 690lm to 5193lm

**FIXTURE FLUX**  
from 518lm to 4247lm

**FIXTURE POWER**  
from 8W to 33W

**PRODUCT EFFICACY**  
up to 128lm/W



**POWER SUPPLY**  
White LED - Integrated driver  
Tunable White and RGBW - Remote driver



## Dart Round Maxi



**LED**  
White LED Ra80 3000K - 4000K  
Tunable White Ra80  
RGBW



**OPTICS**  
NSP • SP • FL • MWFL • WFL

**TECHNICAL FEATURES**  
IP66 • IK10 • CL1



**SOURCE FLUX**  
from 1100lm to 8969lm

**FIXTURE FLUX**  
from 893lm to 6921lm

**FIXTURE POWER**  
from 17W to 71W

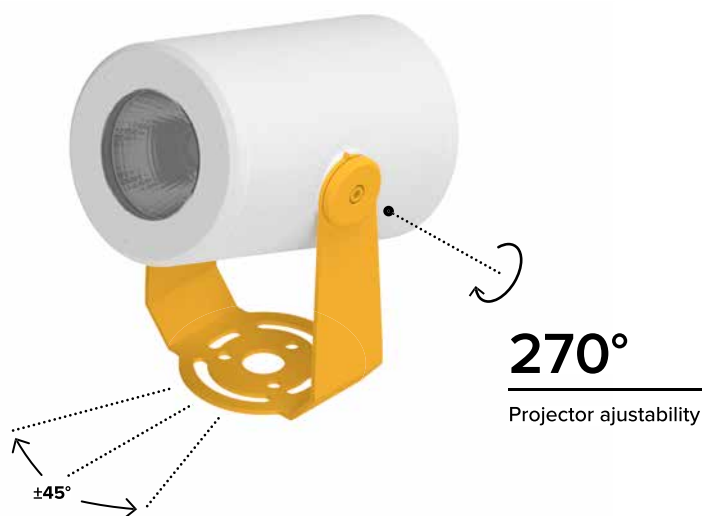
**PRODUCT EFFICACY**  
up to 97lm/W



**POWER SUPPLY**  
Integrated driver

**DART ROUND**

The three sizes of Dart Round allow it to integrate into any architectural element. The mounting bracket allows the projector to rotate  $\pm 45^\circ$  on the horizontal plane and from  $0$  to  $270^\circ$  on the vertical plane. A graduated ring positioned on the fixture near the joint allows for precise adjustment which is especially useful where aiming must be replicated on several devices.



Hibryd Optic



Lenses



Reflectors

## Five different beam openings

Five different beam openings from NSP  $5^\circ$  to WFL  $62^\circ$  make it possible to create any effect. Optics with lenses for NSP and all the Tunable White and RGBW versions, hybrid optics for SP and FL versions, convex faceted reflectors for MWFL and WFL versions. All the optical systems

were developed and produced in the Optical department at Targetti headquarters in Florence and were designed to make the most of the light source by obtaining the best optical performance and the best lighting effect according to the size, characteristics and performance of the LED sources.



**Asymmetrical screen**



**Symmetrical screen**



**Anti-glare grid**



**Blade of light filter**



**Super Snoot**

## Accessories

A wide range of optical accessories allows to modify and customize beam emission according to actual needs by focusing the light only where it is needed.

The accessories are positioned externally using the fixing points placed on the sealing ring to avoid any risk of infiltration.



## DART ROUND Maxi

Integrated driver | Ra80 | Fixture flux 3000K from 893lm to 6760lm

Ø235x286x168mm




	Fixture power	Optic	Driver	3000K	4000K
	17W	NSP	EL	1E3992EL	1E3997EL
			DA	1E3992DA	1E3997DA
	71W	SP	EL	1E3993EL	1E3998EL
			DA	1E3993DA	1E3998DA
		FL	EL	1E3994EL	1E3999EL
			DA	1E3994DA	1E3999DA
		MWFL	EL	1E3995EL	1E4000EL
			DA	1E3995DA	1E4000DA
		WFL	EL	1E3996EL	1E4001EL
			DA	1E3996DA	1E4001DA

## DART ROUND Maxi | Tunable White 2700-5000K

Integrated driver DALI DT8 | Ra80 | Fixture flux from 1945lm to 2520lm

Ø235x286x168mm




	Fixture power	Optic	Code
	33W	SP	1E4043DA
		FL	1E4044DA
		MWFL	1E4045DA

## DART ROUND Maxi | RGBW W=6500K

Integrated driver DMX RDM | Fixture flux up to 2333lm

Ø235x286x168mm



	Fixture power	Optic	Code
	50W	NSP	1E4062
		SP	1E4052
		FL	1E4053
		MWFL	1E4054



## DART ROUND Medium

Integrated driver | Ra80 | Fixture flux 3000K from 518lm to 4148lm

Ø130x258x196mm

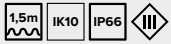


Fixture Power	Optic	Driver	3000K	4000K
8W	NSP	EL	1E3982EL	1E3987EL
		DA	1E3982DA	1E3987DA
28W	SP	EL	1E3983EL	1E3988EL
		DA	1E3983DA	1E3988DA
	FL	EL	1E3984EL	1E3989EL
		DA	1E3984DA	1E3989DA
33W	MWFL	EL	1E3985EL	1E3990EL
		DA	1E3985DA	1E3990DA
	WFL	EL	1E3986EL	1E3991EL
		DA	1E3986DA	1E3991DA

## DART ROUND Medium | Tunable White 2700-5000K

Remote driver DALI DT8 | Ra80 | Fixture flux from 777lm to 967lm

Ø130x258x196mm



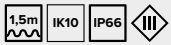
Fixture power	Optic	Current	Code
12W	SP	700mA	1E4040
	FL	700mA	1E4041
	MWFL	700mA	1E4042

Remote Driver	Code
Driver Tunable White DALI DT8 IP68   110-277V   250x80x140mm   Multiple configuration up to 3 fixtures	1E4056

## DART ROUND Medium | RGBW W=6500K

Remote driver DMX RDM | Fixture flux up to 1265lm

Ø130x258x196mm



Fixture power	Optic	Current	Code
33W	NSP	850mA	1E4061
	SP	850mA	1E4049
	FL	850mA	1E4050
	MWFL	850mA	1E4051


Remote Driver	Code
DMX RDM 4 channel RGBW driver IP68   120-277V   250x80x140mm	1E3883

## DART ROUND Small

Integrated driver | Ra80 | Fixture flux 3000K from 162lm to 1477lm

Ø88x174x148mm




	Fixture power	Optic	Driver	3000K	4000K
	3,7W	NSP	EL	1E3974EL	1E3978EL
	15W	SP	EL	1E3975EL	1E3979EL
			DA	1E3975DA	1E3979DA
	14W	FL	EL	1E3976EL	1E3980EL
			DA	1E3976DA	1E3980DA
		MWFL	EL	1E3977EL	1E3981EL
			DA	1E3977DA	1E3981DA

## DART ROUND Small

Remote driver | Ra80 | Fixture flux 3000K from 162lm to 1672lm

Ø88x140x74mm



	Fixture power	Optic	Current	3000K	4000K
	2,1W	NSP	700mA	1E3966	1E3970
	15W	SP	400mA	1E3967	1E3971
	14W	FL	400mA	1E3968	1E3972
		MWFL	400mA	1E3969	1E3973

Remote driver	IP	Current	Code
Electronic driver 220-240V   119x22x52mm   up to 8 fixtures	IP20	700mA	1T9637EL
Electronic driver 110-240V   122x26x54mm   up to 4 fixtures	IP68	700mA	1E4239EL
Electronic driver 220-240V   146x22x43mm	IP20	400mA	1T4215EL
Electronic driver 110-240V   115x26x53mm	IP68	400mA	1E3033EL
DALI driver 110-240V   119x22x52mm   up to 4 fixtures	IP20	700mA	1T9637DA
DALI driver 110-240V   122x26x54mm   up to 6 fixtures	IP68	700mA	1E4239DA
DALI driver 220-240V   146x30x44mm	IP20	400mA	1T4215DA
DALI driver 110-240V   115x26x53mm	IP68	400mA	1E3033DA


• Multiple configurations available for NSP versions only. For more details, please refer to the installation instructions

## DART ROUND Small | Tunable White 2700-5000K

Remote driver | Ra80 | Fixture flux from 317lm to 399lm

Ø88x174x148mm



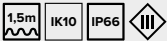
	Fixture power	Optic	Current	Code
	4,2W	SP	700mA	1E4037
		FL	700mA	1E4038
		MWFL	700mA	1E4039


Remote driver	Code
Driver Tunable White DALI DT8 IP68   110-277V   250x80x140mm   Multiple configuration up to 9 fixtures	1E4056

DART ROUND Small | RGBW W=6500K

Remote driver | Fixture flux up to 455lm

Ø88x174x148mm



	Fixture power	Optic	Current	Code
	11W	NSP	900mA	1E4060
		SP	900mA	1E4046
		FL	900mA	1E4047
		MWFL	900mA	1E4048

Remote driver	Code
DMX RDM 4 channel RGBW driver IP68   120-277V   250x80x140mm   Multiple configuration up to 4 fixtures	1E3883

Surge protection

	Maxi Maxi RGBW Maxi TW	Medium Medium RGBW Medium TW	Small integrated driver Small RGBW Small TW	Small remote driver
New Surge protection device IP67   10KV   Class I	A013A	A013A	A013A	
New Surge protection device IP67   10KV   Class II				A013B

Optical Accessories

	Maxi Maxi RGBW Maxi TW	Medium	Medium NSP Medium RGBW Medium TW	Small Small RGBW Small TW
Blade of light filter + holder ring	1E4010	1E4006	1E4263	1E4002
Asymmetric screen	1E4011	1E4007	1E4007	1E4003
Symmetric screen	1E4012	1E4008	1E4008	1E4004
Anti-glare louver	1E4013	1E4009		1E4005
Super Snoot	1E4059	1E4058	1E4058	1E4057

Mounting Systems

	Code
DART Round Small	Plate for fixture rotation
	1E3015
DART Round Medium	Earthspike
	1E3016
	Plate for fixture rotation
	1E3026
	Pole multiple mounting system
DART Round Maxi	1E3027
	Pole bracket (Ø60mm)
	1E2825
	Earth spike
	1E3028
DART Round Maxi	Plate for fixture rotation
	1E3026
	Pole multiple mounting system
	1E3097
	Pole bracket (Ø60mm)
	1E2825
	Post (Ø 34mm) with plate for installation in concrete
	1E3187
	Earth spike
	1E3188

- The drivers selected by Targetti make the fixtures “Safe Flicker”.
- Control systems and connection accessories available on [targetti.com](http://targetti.com)

## 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	<b>NSP</b>
11°	25°	Spot	<b>SP</b>
26°	40°	Flood	<b>FL</b>
41°	50°	Medium Wide Flood	<b>MWFL</b>
51°	70°	Wide Flood	<b>WFL</b>
71°	120°	Very Wide Flood	<b>VWFL</b>
		Wall Washer	<b>WW</b>
		Narrow Asymmetric	<b>N. ASYM</b>
		Asymmetric	<b>ASYM</b>

## 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".

