

CYCLO

design Roberto Fiorato



A variety of in-ground recessed fittings, with versions designed to take the load and impact from vehicles and pedestrians.

Cover options in aluminium or stainless steel, provide an anti-corrosive and durable finish. Toughened safety glass covers, resistant to thermal and mechanical shock.

Cyclospot: walkover eyeball fittings available in three different sizes with an adjustable beam angle of 25° on some versions.

Cyclobat: walkover fitting with light beams in two diametrically opposite positions to provide a ground grazing light, in three different sizes.

Cycloplat: walkover fitting with stainless steel bezel for flush mounting to ground level, also available in three sizes. Cycloplat 30 has the option for symmetrical or asymmetrical distribution.

Cyclocar: drive over fitting with asymmetrical 360° ground grazing light. The cover and distribution can be adjusted on site.

The Cyclo range is supplied with a variety of lamp types and power, providing an ideal solution to lighting squares, pedestrian walkways, vehicle entrances and guidance lighting.



Mechanical Features

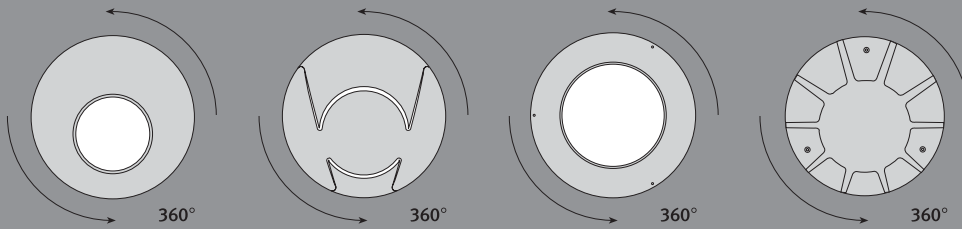
All Cyclo models are suitable for walkover applications. Cycloplat models, with stainless steel cover, flush with the surrounding surface, are recommended for pathways and walkways.

For ambient and background lighting Cyclospot, Cyclobat and Cyclocar models, all equipped with sturdy aluminium covers, are also suitable.

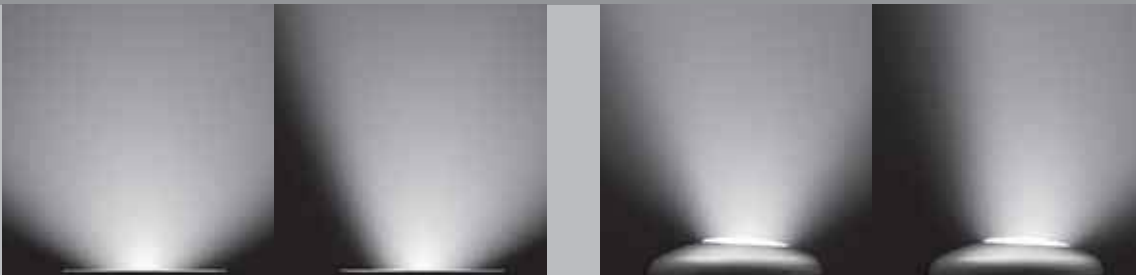
Cycloplat models can support loads up to 1800 Kg.

Cyclocar models, best suited for drive-way lighting, can support loads up to 3000 Kg.

Cover's deterioration is due to the action of the wheels and is part of the normal ageing of the product.



All covers of the Cyclo models can be turned in any direction, even after the installation phase.

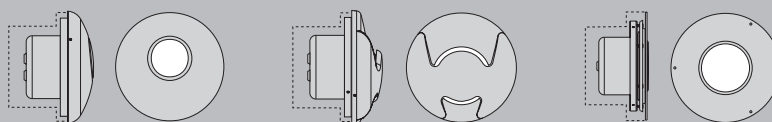


The Cycloplat 30 model is available with a symmetrical reflector for general lighting and with an asymmetrical reflector for directional lighting.

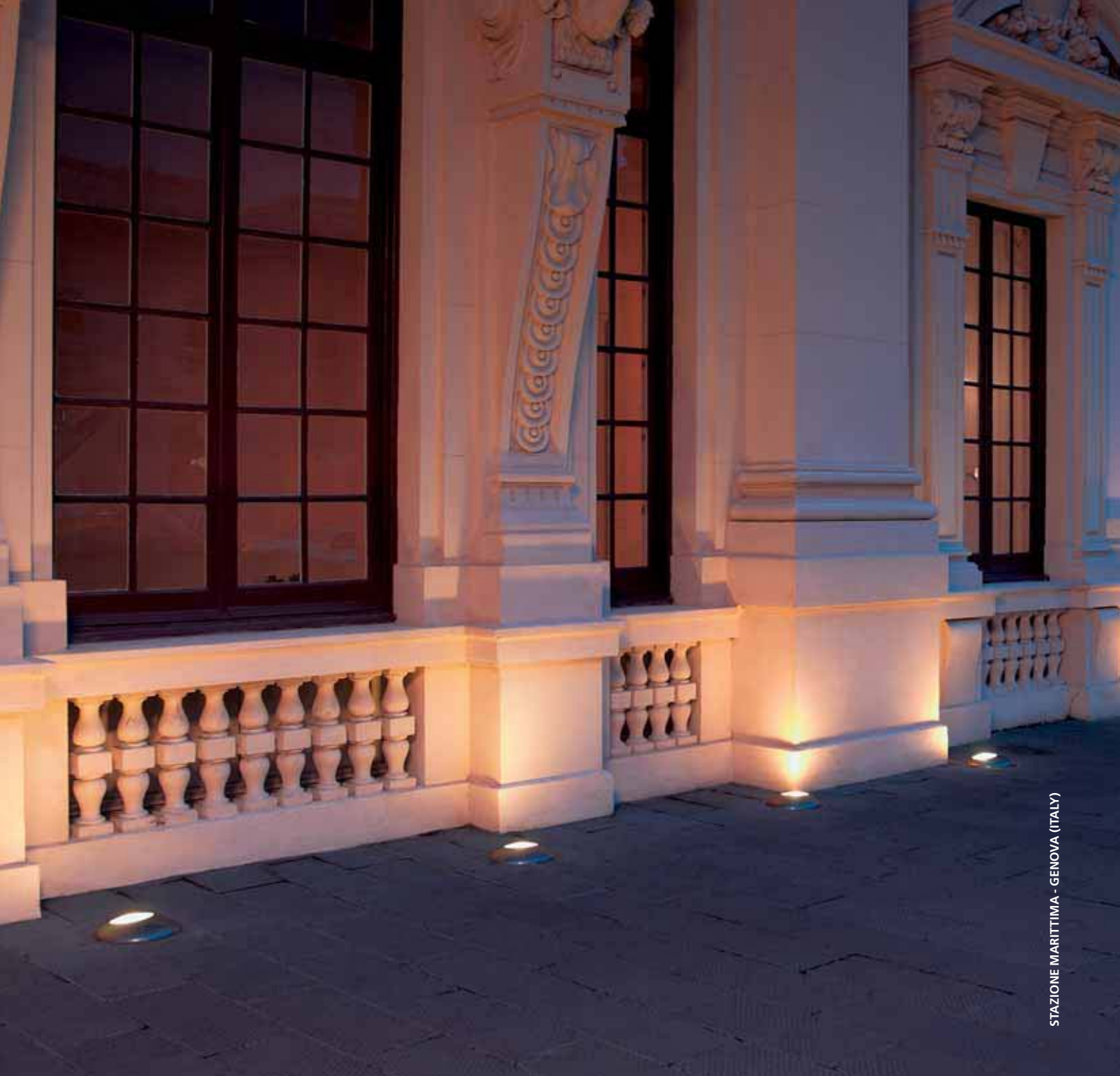
The Cyclospot 23 and 30 models are have an adjustable tilt of 25° to allow for directional lighting.



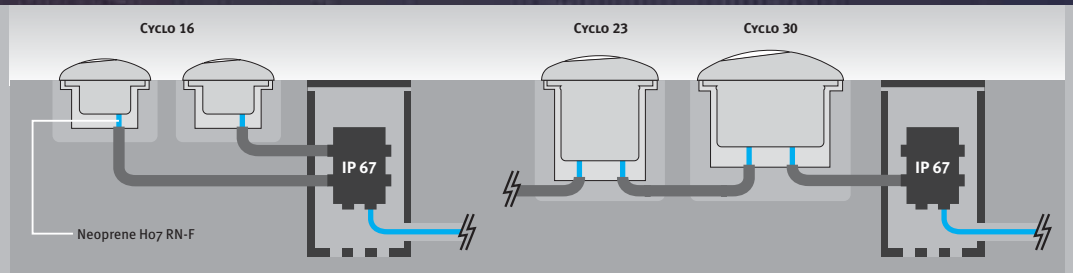
VILLAGE CINEMAS, PRAGUE (CZECH REPUBLIC)



All of the 16 models are suitable for wall mounting because of the minimal depth of the recessed fixing kits.



STAZIONE MARITTIMA - GENOVA (ITALY)



Cyclo 16 models have only one cable entry whilst cyclo 23 and 30 models have two cable entries thus allowing connection in series.

Cyclo luminaire must be installed using supply cables with neoprene sleeve.

Warning

To avoid excessive load on the luminaire, do not brake roughly and avoid brisk starts or manoeuvring over it.

Do not park onto the luminaire. Maximum speed allowed is 10 km/h.

On slopes, do not install the luminaire on the wheel's range of action. Glass diffusers and covers can reach high temperatures, therefore avoid direct contact with persons, animals and objects. For special applications, where low temperatures for diffusers and covers are required, please consult temperature table.

Maintenance

Cyclo luminaires are designed for heavy duty applications.

To ensure proper operation, periodical maintenance and cleaning are required. Avoid accumulation of dirt, to allow a proper lighting level and a suitable heat dissipation.

To restore the original brightness of the cover either brass or metal polish can be used.

How to Install the Recessed Fixing Kit

for Inground Applications
By using the recessed fixing kit, installation and maintenance are easier, and beam orientation is possible.

The soil of the installation area must be solid, to avoid the luminaire's sinking and/or tilting. Fix the recessed kit to stay flush and fix the cable conduit before making the concrete slab. The dimensions of the concrete slab must be in accordance with the use of the luminaire.

A suitable lay with gravel beneath the recessed kit is recommended to allow proper drainage. When inserted in molds, the recessed kit may get deformed, due to the concrete pressure.

The use of templates which distribute the pressure is highly recommended.

**All temperatures in °C (cover and diffuser)****Cyclospot 16**

E14	1 x 40w IBP	~105°
GU 10	1 x 50w HAG	~121°

Cyclospot 23

E27	1 x 75w HAG	~90°
Gx24-d2	1 x 18w FSM	~70°
E27	1 x 50w QE	~115°

Cyclospot 30

E27	1 x 120w IPAP	~110°
E27	1 x 80w QE	~100°
E27	1 x 70w SE	~103°
G12	1 x 70w MT	~103°
Gx24-d3	1 x 26w FSM	~60°

Cyclobat 16

E14	1 x 40w IBP	~60°
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Cyclobat 23

R7s	1 x 60w HDG	~107°
Gx24-d2	1 x 18w FSM	~40°
E27	1 x 50w QE	~80°

Cyclobat 30

E27	1 x 80w QE	~95°
E27	1 x 70w SE	~100°
Gx24-d3	1 x 26w FSM	~40°

Cycloplat 16

E14	1 x 25w IBS	~78°
G4	1 x 5w HSG	~43°
G4	1 x 10w HSG	~52°
G4	1 x 20w HSG	~70°

Cycloplat 23

Gx24-d2	1 x 18w FSM	~53°
E27	1 x 50w QE	~104°

Cycloplat 30

E27	1 x 80w QE	~100°
E27	1 x 70w SE	~105°
E27	1 x 70w ME	~95°
Gx24-d3	1 x 26w FSM	~55°

Cyclocar 23

R7s	1 x 60w HDG	~119°
E27	1 x 50w QE	~80°
Gx24-d2	1 x 18w FSM	~43°

Cyclowall 30

R7s	1 x 100w HDG	~100°
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Never install the luminaire below grade.

CYCLOPLAT



LUMINAIRE THAT REQUIRES A FIXING KIT FOR INSTALLATION

Walkover/driveover inground luminaire.
The luminaire is field adjustable up to 360° horizontal rotation. Features:


- Recessed kit made of self-extinguishing (classV2 UL 94 rated, 850°C glow wire test) polypropylene
- Housing and screws made of CrNi1810 (AISI 304) stainless steel
- tempered glass diffuser, resistant to thermal shocks
- Cr Ni 1810 (Al Si 304) stainless steel trim, 3 mm thick
- Stainless steel flange, 2 mm thick
- UNI 9001/2 aluminium wiring box, 1 mm thick
- EPDM gaskets
- Cycloplat 16, 12V 5-20W Class III version does not include transformer

- Cycloplat 30 models can be supplied either with symmetrical reflector or with asymmetrical reflector for directed lighting
- 1x18W/T and 1x26W/T versions are provided with low loss ballast
- SE version is equipped with built-in ignitor
- Maximum load: 1800 Kg
- Cyclo luminaire must be installed using the appropriate recessed fixing kit
- use 3x1,5 mm² section or 3x2,5 mm² section supply cables (HO7 RN-F) with neoprene sleeve
- Cyclo 16 models have only one cable entry whilst cyclo 23 and 30 models have two cable entries thus allowing connection in series.



CYCLOPLAT 16

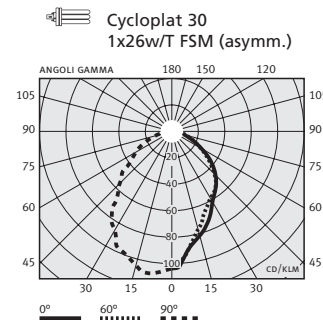
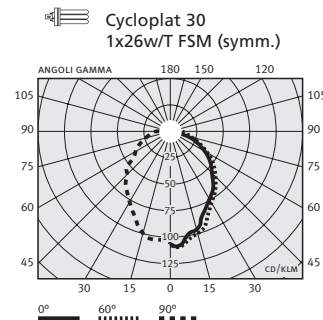
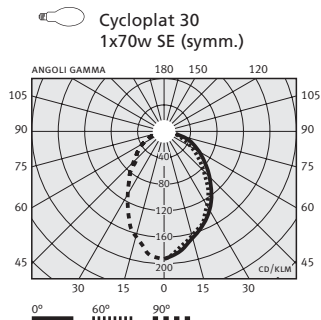
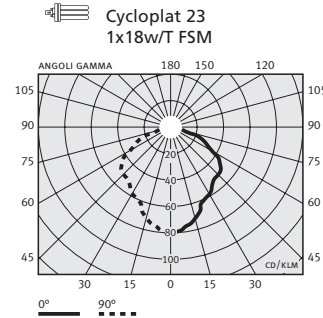
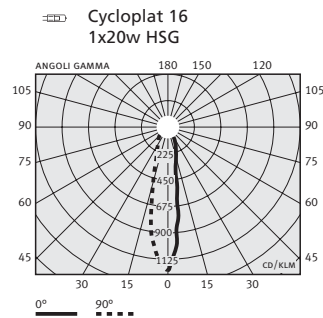
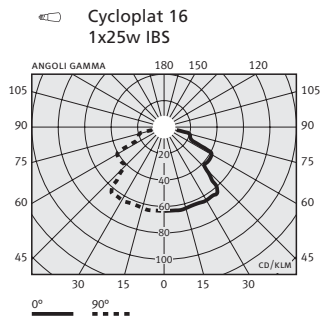
	E14	max 1x25w IBS
	G4	max 1x20w HSG

CYCLOPLAT 23

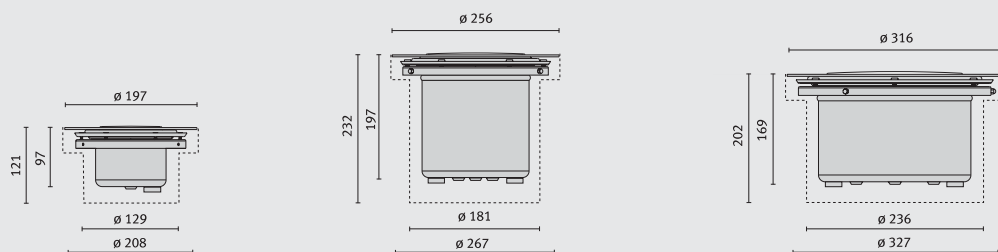
	Gx24q-2	1x18w FSM
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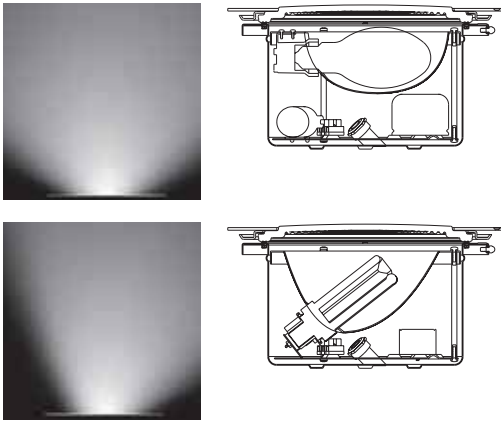
CYCLOPLAT 30

	E27	max 1x70w ME
	Gx24q-3	1x26w FSM

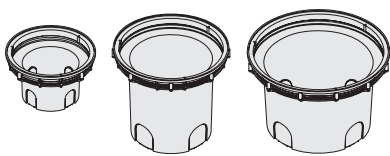


SS1





The 30 model is available with either a symmetrical or asymmetrical reflector.



description	colour	code
Recessed fixing kit 16		000779
Recessed fixing kit 23		000781
Recessed fixing kit 30		000783

lampholder	w	ILCOS	colour	class	IP	Kelvin	↑	Cos φ ≥ 0,9	EEL	code	notes
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CYCLOPLAT 16

E14	max 1x25w	IBS	SS1	I	67	•		IK06 1J xx3		007538	
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Halogen

G4	max 1x20w	HSG	SS1	III	67	•		IK06 1J xx3		007539	
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CYCLOPLAT 23

Fluorescent - electronic ballast 220/240V 50/60Hz

GX24q-2	1x18w	FSM	SS1	I	67	•	2700	IK08 5J xx5	A2÷A3	057554	
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CYCLOPLAT 30

Discharge - magnetic ballast

E27	max 1x70w	ME	SS1	I	67	•	4000	IK07 2J xx5	•	007584	⚠
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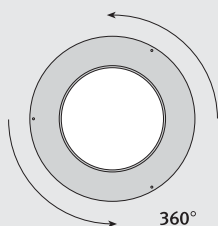
E27	max 1x70w	ME	SS1	I	67	•	4000	IK07 2J xx5	•	007585	⚠
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Fluorescent - electronic ballast 220/240V 50/60Hz

GX24q-3	1x26w	FSM	SS1	I	67	•	2700	IK07 2J xx5	•	A2	057583
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GX24q-3	1x26w	FSM	SS1	I	67	•	2700	IK07 2J xx5	•	A2	057582	⚠
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If information about Kelvin degrees is provided, this means that the light bulb is included.



COMPLETE UNIT

1A+1B = please order 2 codes

COMPONENTS

- A** luminaire
- B** recessed fixing kit

symmetrical reflector
asymmetrical reflector