

ORMA

Calpestabile ad alta luminosità da incasso, Orma è un prodotto destinato all'illuminazione esterna.

Offriamo la possibilità di scegliere Orma nelle seguenti modalità di cornice: tonda - alluminio, tonda - acciaio, quadrata - acciaio. Su alcuni modelli è disponibile il riflettore simmetrico o asimmetrico. Nella versione con cornice in alluminio c'è la possibilità di scegliere tra due varianti di colore. Studiata per diffondere la luce dal basso, dotata di accorgimenti tecnici per resistere al peso, mira a migliorare la visibilità in ambienti tipo vialetti e in generale aree residenziali. Caratterizzata da un design innovativo, Orma è inoltre disponibile anche nella versione Led che permette un notevole risparmio energetico, protezione dell'ambiente e riduzione dei costi di manutenzione.

Disponibili con luci monodirezionali, asimmetriche e orientabili.

Installazione:

incasso a terra

Componenti:

corpo in pressofusione di alluminio EN AB 46100 verniciato con polveri poliesteri ad elevata resistenza ai raggi UV e alla corrosione.

Modelli 221-222-224-225 anello frontale in acciaio inox AISI 316 (disponibile su richiesta con LOGO FRAMON).

Modelli 220-223 anello frontale in alluminio pressofuso.

Modelli 228-229 anello frontale in acciaio inox AISI 304.

Diffusori:

vetro temperato trasparente resistente agli urti e agli shock termici

Riflettori:

alluminio anodizzato

Cassaforma:

polipropilene

Portalamпада:

GU10 - GU5,3 - G8,5 - G9 - G12 - E14 - E27 - GX24d-3 - Rx7s - LED
Lampada non inclusa

Cablaggio:

tensione di rete 220-240V

Viterie:

acciaio inox

Guarnizione:

silicone

Isolamento:

Classe I

Normative:

conformità alle norme EN60598-1

Marchio:

CE

Opzioni:

cornice in acciaio senza logo framon (a richiesta)

cornice con diametro 110 (art. 228) (a richiesta)

A built-in, high luminosity walkover light, Orma is a product designed for outdoor lighting. The customer has the possibility to choose among the following frame types: round – aluminium, round – steel, square – steel. On some models, a symmetrical or asymmetrical reflector is available. In the aluminium frame version, it is possible to choose between two colour shades. Designed to diffuse light from a low level, equipped technical devices to withstand weight, Orma aims to improve the visibility in environments such as small paths and residential areas in general. Orma can be supplied in both aluminium and steel and both in round or rectangular shape.

Characterised by its innovative design, Orma is also available in LED version which allows a considerable energy saving, the environment protection and the reduction of maintenance costs.

Available with mono direction emission, asymmetrical and adjustable.

Fixing:

ground recessed fixing

Components:

die cast aluminium body EN AB 46100 painted with polyester powder UV ray and corrosion resistant.

Models: 221-222-224-225 front ring in stainless steel AISI 316 (available on request with FRAMON LOGO).

Models: 220-223 front ring in die cast aluminium.

Models: 228-229 front ring in stainless steel AISI 304.

Diffusers:

transparent tempered glass, impact and thermal shock resistant

Reflectors:

anodised aluminium

Formwork:

polipropilene

Lampholder:

GU10 - GU5,3 - G8,5 - G9 - G12 - E14 - E27 - GX24d-3 - Rx7s - LED
Lamp not included

Wiring:

voltage 220-240V

Screws kit:

stainless steel

Gasket:

moulded silicone

Insulation:

Class I

Norms:

manufactured in compliance with EN60598-1 norms

Mark:

CE

Options:

steel cover without framon logo (on request)

cover with diameter 110 (art. 228) (on request)





1000 kg max



GU10 75° C

ORMA 228

Portalamпада/Lampholder

Prodotto assemblato, cablato, verniciato / Finished serie assembled, wired, painted

GU10



092-228-AC51

Cornice/Frame

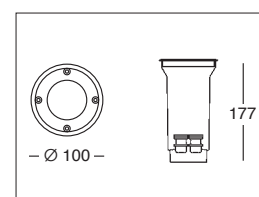
AC Acciaio/Steel

GU10 MR16 50 W max - 220 V - 700 lm

MR16 50 W max - 220 V - 700 lm

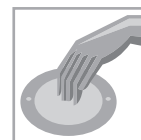
GU10 LED Lampadina LED attacco GU10 3 W min / 9W max - 220 V

GU10 LED lamp 3 W min / 9 W max - 220 V





1000 kg max



GU10 75° C

ORMA 229 

Portalamпада/Lampholder

Prodotto assemblato, cablato, verniciato / Finished serie assembled, wired, painted

GU10



092-229-AC51

Cornice/Frame

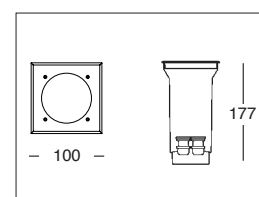
AC Acciaio/Steel

GU10 MR16 50 W max - 220 V - 700 lm

MR16 50 W max - 220 V - 700 lm

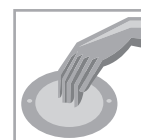
GU10 LED Lampadina LED attacco GU10 3 W min / 9W max - 220 V

GU10 LED lamp 3 W min / 9 W max - 220 V





2000 kg max



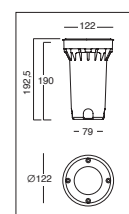
GU10 75° C
GU5,3 98° C
G9 82° C
E14 90° C

ORMA 220

Portalamпада/Lampholder		Prodotto assemblato, cablato, verniciato / Finished serie assembled, wired, painted
GU10		092-220-...51
GU5,3		092-220-...20
G9		092-220-...50
E14		092-220-...31

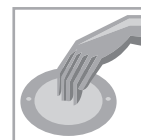
Colore/Color	
N	Nero/Black
G	Grigio/Grey

GU10	MR16 50 W max - 220 V - 700 lm MR16 50 W max - 220 V - 700 lm
GU5,3	35 W max - 12 V - 900 lm 35 W max - 12 V - 900 lm
G9	40 W max - 220 V - 600 lm riflettore simmetrico 40 W max - 220 V - 600 lm symmetrical reflector
E14 PAR16	40 W max - 220 V - 550 lm 40 W max - 220 V - 550 lm
GU10 LED	Lampadina LED attacco GU10 3 W min / 9W max - 220 V GU10 LED lamp 3 W min / 9 W max - 220 V





2000 kg max



GU10 75° C
GU5,3 98° C
G9 82° C
E14 90° C

ORMA 222

Portalamпада/Lampholder

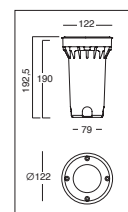
Prodotto assemblato, cablato, verniciato / Finished serie assembled, wired, painted

GU10		092-222-AC51
GU5,3		092-222-AC20
G9		092-222-AC50
E14		092-222-AC31

Cornice/Frame

AC Acciaio/Steel

GU10	MR16 50 W max - 220 V - 700 lm MR16 50 W max - 220 V - 700 lm
GU5,3	35 W max - 12 V - 900 lm 35 W max - 12 V - 900 lm
G9	40 W max - 220 V - 500 lm riflettore simmetrico 40 W max - 220 V - 500 lm symmetrical reflector
E14 PAR16	40 W max - 220 V - 650 lm 40 W max - 220 V - 650 lm
GU10 LED	Lampadina LED attacco GU10 3 W min / 9W max - 220 V GU10 LED lamp 3 W min / 9 W max - 220 V





2000 kg max



GU10 75° C
GU5,3 98° C
G9 82° C
E14 90° C

ORMA 221

Portalamпада/Lampholder

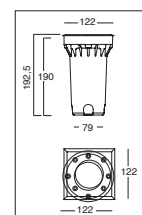
Prodotto assemblato, cablato, verniciato / *Finished serie assembled, wired, painted*

GU10		092-221-AC51
GU5,3		092-221-AC20
G9		092-221-AC50
E14		092-221-AC31

Cornice/Frame

AC Acciaio/Steel

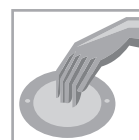
GU10	MR16 50 W max - 220 V - 700 lm <i>MR16 50 W max - 220 V - 700 lm</i>
GU5,3	35 W max - 12 V - 900 lm <i>35 W max - 12 V - 900 lm</i>
G9	40 W max - 220 V - 500 lm riflettore simmetrico <i>40 W max - 220 V - 500 lm symmetrical reflector</i>
E14 PAR16	40 W max - 220 V - 650 lm <i>40 W max - 220 V - 650 lm</i>
GU10 LED	Lampadina LED attacco GU10 3 W min / 9W max - 220 V <i>GU10 LED lamp 3 W min / 9 W max - 220 V</i>







3000 kg max

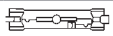
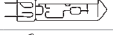


GX24d-3 55° C
Rx7s 75° C
G12 90° C
G8,5 85° C
E27 PAR38 75° C

ORMA 223

Portalamпада/Lampholder

Prodotto assemblato, cablato, verniciato / Finished serie assembled, wired, painted

GX24d-3 	092-223-...40
Rx7s (symmetrical) 	092-223-...10
Rx7s (asymmetrical) 	092-223-...10A
G12 	092-223-...15
G12 (adjustable) 	092-223-...15O
G8,5 	092-223-...11
E27 PAR38 	092-223-...30
E27 PAR20/30 	092-223-...30-1
LED 	092-223-...L16

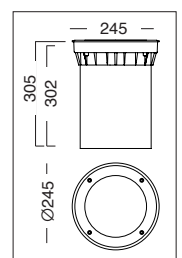
Colore/Color

N	Nero/Black
G	Grigio/Grey

...

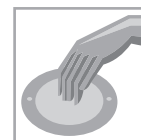


GX24d-3	TC-T 26 W max - 220 V con alimentatore - 1800 lm basso consumo <i>HQI TC-T 26 W max - 220 V with gear - 1800 lm low energy</i>
Rx7s (sym.)	HQI 70 W max - 220 V con alimentatore - 5500 lm lampada a scarica simmetrica <i>HQI 70 W max - 220 V with gear - 5500 lm symmetrical discharge lamp</i>
Rx7s (asym.)	HQI 70 W max - 220 V con alimentatore - 5500 lm riflettore asimmetrico <i>HQI 70 W max - 220 V with gear - 5500 lm asymmetrical reflector</i>
G12	HQI 70 W max - 220 V con alimentatore - 5500 lm lampada a scarica <i>HQI 70 W max - 220 V with gear - 5500 lm discharge lamp</i>
G12 (adjust.)	HQI 70 W max - 220 V con alimentatore - 5500 lm lampada a scarica orientabile <i>HQI 70 W max - 220 V with gear - 5500 lm discharge lamp adjustable</i>
G8,5	HQI 70 W max - 220 V con alimentatore - 5500 lm lampada a scarica <i>HQI 70 W max - 220 V with gear - 5500 lm discharge lamp</i>
E27	PAR38 120 W max - 220 V - 11000 lm <i>PAR38 120 W max - 220 V - 11000 lm</i>
E27	PAR20/30 50-75 W max - 220 V - 7500 lm <i>PAR20/30 50-75 W max - 220 V - 7500 lm</i>
LED	16 LED 350 mA 16 W - Bianco caldo 3000° K - 1200 lm - 2 Alimentatori 350 mA 12 W (escluso) <i>16 LED 350 mA 16 W - Warm white 3000° K - 1200 lm - 2 Drivers 24 Vdc 350 mA 12 W (not included)</i>





3000 kg max

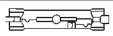
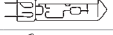


GX24d-3 55° C
Rx7s 75° C
G12 90° C
G8,5 85° C
E27 PAR38 75° C

ORMA 225

Portalamпада/Lampholder

Prodotto assemblato, cablato, verniciato / Finished serie assembled, wired, painted

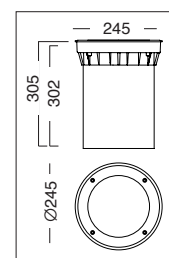
GX24d-3 	092-225-AC40
Rx7s (symmetrical) 	092-225-AC10
Rx7s (asymmetrical) 	092-225-AC10A
G12 	092-225-AC15
G12 (adjustable) 	092-225-AC15O
G8,5 	092-225-AC11
E27 PAR38 	092-225-AC30
E27 PAR20/30 	092-225-AC30-1
LED 	092-225-ACL16

Cornice/Frame

AC Acciaio/Steel



GX24d-3	TC-T 26 W max - 220 V con alimentatore - 1800 lm basso consumo <i>HQI TC-T 26 W max - 220 V with gear - 1800 lm low energy</i>
Rx7s (sym.)	HQI 70 W max - 220 V con alimentatore - 5500 lm lampada a scarica simmetrica <i>HQI 70 W max - 220 V with gear - 5500 lm symmetrical discharge lamp</i>
Rx7s (asym.)	HQI 70 W max - 220 V con alimentatore - 5500 lm riflettore asimmetrico <i>HQI 70 W max - 220 V with gear - 5500 lm asymmetrical reflector</i>
G12	HQI 70 W max - 220 V con alimentatore - 5500 lm lampada a scarica <i>HQI 70 W max - 220 V with gear - 5500 lm discharge lamp</i>
G12 (adjust.)	HQI 70 W max - 220 V con alimentatore - 5500 lm lampada a scarica orientabile <i>HQI 70 W max - 220 V with gear - 5500 lm discharge lamp adjustable</i>
G8,5	HQI 70 W max - 220 V con alimentatore - 5500 lm lampada a scarica <i>HQI 70 W max - 220 V with gear - 5500 lm discharge lamp</i>
E27	PAR38 120 W max - 220 V - 11000 lm <i>PAR38 120 W max - 220 V - 11000 lm</i>
E27	PAR20/30 50-75 W max - 220 V - 7500 lm <i>PAR20/30 50-75 W max - 220 V - 7500 lm</i>
LED	16 LED 350 mA 16 W - Bianco caldo 3000° K - 1200 lm - 2 Alimentatori 350 mA 12 W (escluso) <i>16 LED 350 mA 16 W - Warm white 3000° K - 1200 lm - 2 Drivers 24 Vdc 350 mA 12 W (not included)</i>





3000 kg max

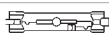
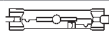
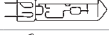


GX24d-3 55° C
Rx7s 75° C
G12 90° C
G8,5 85° C
E27 PAR38 75° C

ORMA 224

Portalamпада/Lampholder

Prodotto assemblato, cablato, verniciato / Finished serie assembled, wired, painted

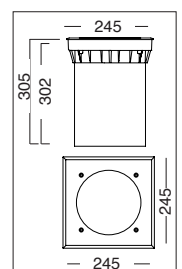
GX24d-3 	092-224-AC40
Rx7s (symmetrical) 	092-224-AC10
Rx7s (asymmetrical) 	092-224-AC10A
G12 	092-224-AC15
G12 (adjustable) 	092-224-AC15O
G8,5 	092-224-AC11
E27 PAR38 	092-224-AC30
E27 PAR20/30 	092-224-AC30-1
LED 	092-224-ACL16

Cornice/Frame

AC Acciaio/Steel



GX24d-3	TC-T 26 W max - 220 V con alimentatore - 1800 lm basso consumo <i>HQI TC-T 26 W max - 220 V with gear - 1800 lm low energy</i>
Rx7s (sym.)	HQI 70 W max - 220 V con alimentatore - 5500 lm lampada a scarica simmetrica <i>HQI 70 W max - 220 V with gear - 5500 lm symmetrical discharge lamp</i>
Rx7s (asym.)	HQI 70 W max - 220 V con alimentatore - 5500 lm riflettore asimmetrico <i>HQI 70 W max - 220 V with gear - 5500 lm asymmetrical reflector</i>
G12	HQI 70 W max - 220 V con alimentatore - 5500 lm lampada a scarica <i>HQI 70 W max - 220 V with gear - 5500 lm discharge lamp</i>
G12 (adjust.)	HQI 70 W max - 220 V con alimentatore - 5500 lm lampada a scarica orientabile <i>HQI 70 W max - 220 V with gear - 5500 lm discharge lamp adjustable</i>
G8,5	HQI 70 W max - 220 V con alimentatore - 5500 lm lampada a scarica <i>HQI 70 W max - 220 V with gear - 5500 lm discharge lamp</i>
E27	PAR38 120 W max - 220 V - 11000 lm <i>PAR38 120 W max - 220 V - 11000 lm</i>
E27	PAR20/30 50-75 W max - 220 V - 7500 lm <i>PAR20/30 50-75 W max - 220 V - 7500 lm</i>
LED	16 LED 350 mA 16 W - Bianco caldo 3000° K - 1200 lm - 2 Alimentatori 350 mA 12 W (escluso) <i>16 LED 350 mA 16 W - Warm white 3000° K - 1200 lm - 2 Drivers 24 Vdc 350 mA 12 W (not included)</i>

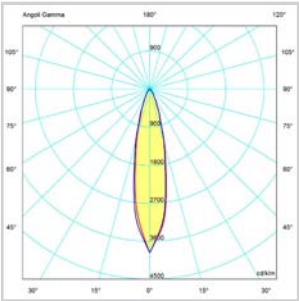


Dati fotometrici/Photometric data

Diagramma Polare/Polar Diagram

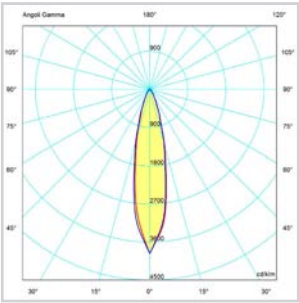
LED
16 - 16 W

223



LED
16 - 16 W

224



LED
16 - 16 W

225

