





Incassi - Semincassi
Recessed - Semi-recessed





4450R



4451R



4450R



	4450R/1M5 70W G12	Alogenuri metallici / Metal halide
	4450R/1M6 150W G12	Alogenuri metallici / Metal halide
	4450R/1E3 32W GX24q-4	Fluorescente compatta / Compact fluorescent
	4450R/1F7* 26W G24d-3	Fluorescente compatta / Compact fluorescent
	4450R/1U5 100W E27 PAR30	Alogena con riflettore / Halogen with reflector

4451R



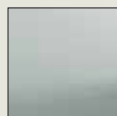
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Incassi - Semincassi
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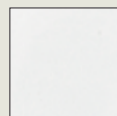


Tipo Diffusore / Emissione

Diffuser / Emission Tipology



VT
Vetro Trasparente
Transparent Glass



VS
Vetro Satinato
Satin Finish Glass

Colori

Colours

99 Acciaio Satinato Satined Steel

30 Antracite Anthracite

Caratteristiche Costruttive

Structural Construction

STRUTTURA

- Corpo in pressofusione di alluminio Lega EN AB 46100
- Cornice in acciaio inox satinato AISI316
- Cassaforma per incasso in Polipropilene PP caricato stabilizzato UV GWT750°C cat.V2
- Diffusore in vetro temperato trasparente/acidato spessore 15mm
- Ottiche: In alluminio ossidato e brillantato
Emissione simmetrica narrow 12° / wide 60°
- Dotazione : Guarnizione vetro in Gomma Nitrilica (NBR) 60sh
Doppia entrata del cavo di alimentazione con pressacavi in ottone nichelato M20 IP68
Viteria esterna in acciaio Inox A2
- Verniciatura in polvere poliestere resistente alla corrosione e alle nebbie saline (ISO7523)

CABLAGGIO

- Componentistica all'interno del corpo lampada
- Alimentatore elettronico per lampade fluorescenti compatte EEI=A2
- Alimentatore elettromagnetico per lampade fluorescenti compatte a basse perdite EEI=B2
- Alimentatore elettromagnetico con protezione termica per lampade a scarica con rifasamento in parallelo $\cos\phi > 0,9$

CARATTERISTICHE

- Tipologia installazione : Incasso da terra
- Grado di protezione : IP67
- Classe di Isolamento I
- Installabile su superfici normalmente incombustibili
- Conforme alla Norma EN 60598 (CEI 34-21) e prescrizioni particolari

STRUCTURE

- Body die-cast aluminium - Alloy EN AB 46100
- Bezel satin finish AISI316 stainless steel
- Recess mounting box PP polypropylene UV stabilised GWT750°C cat.V2
- Diffusers clear/acid etched toughened safety glass with a 15mm thickness
- Optics: oxidised and shiny aluminium
Symmetrical emission narrow 12° / wide 60°
- Fittings: Nitrile rubber seals (NBR) 60sh for mounting glass
Dual cable entry with nickel plated brass cable glands M20 IP68
A2 stainless steel exterior screw fixtures
- Polyester powder paint finish resistant to corrosion and sea mist (ISO7523)

WIRING

- Electrics and wiring enclosed in lighting fixture body
- Electronic ballast for energy efficient EEI=A2 compact fluorescent lamps
- Electromagnetic ballast for energy efficient EEI=B2 compact fluorescent lamps
- Electromagnetic ballast fitted with overheating protection for discharge lamps with parallel rephasing $\cos\phi > 0,9$

FEATURES

- Installation: Recessed ground mounted
- Degree of protection: IP67
- Insulation class I
- Can be installed on flammable surfaces
- Conforms to the standard EN 60598 (CEI 34-21) and specific provisions

Note

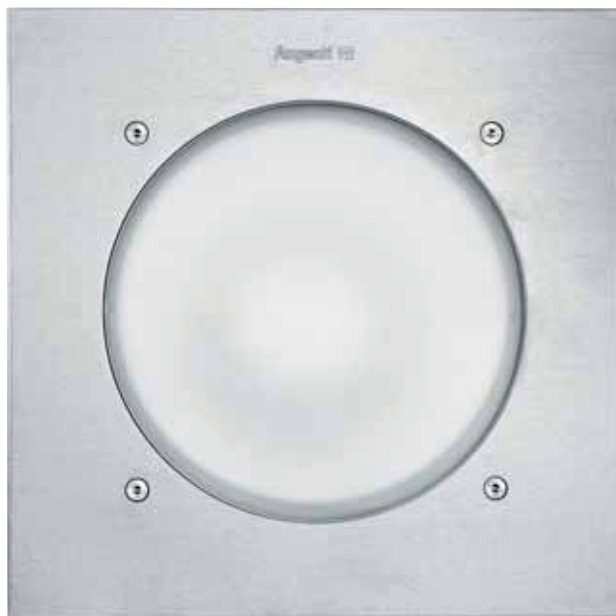
* Disponibile anche con alimentatore elettronico

Remarks

* Also available with electronic ballast



4450A - 4450O



4451A - 4451O



4450A - 4450O

**4450A/1M1**

70W RX7s

Alogenuri metallici / Metal halide

**4450O/1M5**

70W G12

Alogenuri metallici / Metal halide

**4450O/1M6**

150W G12

Alogenuri metallici / Metal halide

4451A - 4451O

**4451A/1M1**

70W RX7s

Alogenuri metallici / Metal halide

**4451O/1M5**

70W G12

Alogenuri metallici / Metal halide

**4451O/1M6**

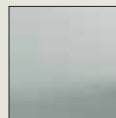
150W G12

Alogenuri metallici / Metal halide

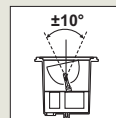


Tipo Diffusore / Emissione

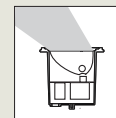
Diffuser / Emission Typology



VT
Vetro Trasparente
Transparent Glass



4450O / 4451O
Apparecchio con ottica
orientabile
Fixture with tilting optic



4450A / 4451A
Apparecchio con ottica
asimmetrica
Fixture with asymmetrical
optic

Colori

Colours

99

Acciaio Satinato Satined Steel

30

Antracite Anthracite

Caratteristiche Costruttive

Structural Construction

STRUTTURA

- Corpo in pressofusione di alluminio Lega EN AB 46100
- Cornice in acciaio inox satinato AISI316
- Cassaforma per incasso in Polipropilene PP caricato stabilizzato UV GWT750°C cat.V2
- Diffusore in vetro temperato trasparente/acidato spessore 15mm
- Ottiche: In alluminio ossidato e brillantato
Emissione Asimmetrica con lampada 70W RX7s
Orientabile $\pm 10^\circ$ con lampade a scarica
- Dotazione : Guarnizione vetro in Gomma Nitrilica (NBR) 60sh
Doppia entrata del cavo di alimentazione con pressacavi in ottone nichelato M20 IP68
Viteria esterna in acciaio Inox A2
- Verniciatura in polvere poliestere resistente alla corrosione e alle nebbie saline (ISO7523)

CABLAGGIO

- Componentistica all'interno del corpo lampada
- Alimentatore elettronico per lampade fluorescenti compatte EEI=A2
- Alimentatore elettromagnetico per lampade fluorescenti compatte a basse perdite EEI=B2
- Alimentatore elettromagnetico con protezione termica per lampade a scarica con rifasamento in parallelo $\cos\varphi > 0,9$

CARATTERISTICHE

- Tipologia installazione : Incasso da terra
- Grado di protezione : IP67
- Classe di Isolamento I
- Installabile su superfici normalmente infiammabili
- Conforme alla Norma EN 60598 (CEI 34-21) e prescrizioni particolari

STRUCTURE

- Body die-cast aluminium - Alloy EN AB 46100
- Bezel satin finish AISI316 stainless steel
- Recess mounting box PP polypropylene UV stabilised GWT750°C cat.V2
- Diffusers clear/acid etched toughened safety glass with a 15mm thickness
- Optics: oxidised and shiny aluminium
Asymmetrical emission with lamp 70W RX7s
Tilts $\pm 10^\circ$ with discharge lamps
- Fittings: Nitrile rubber seals (NBR) 60sh for mounting glass
Dual cable entry with nickel plated brass cable glands M20 IP68
A2 stainless steel exterior screw fixtures
- Polyester powder paint finish resistant to corrosion and sea mist (ISO72523)

WIRING

- Electrics and wiring enclosed in lighting fixture body
- Electronic ballast for energy efficient EE1=A2 compact fluorescent lamps
- Electromagnetic ballast for energy efficient EE1=B2 compact fluorescent lamps
- Electromagnetic ballast fitted with overheating protection for discharge lamps with parallel rephasing $\cos\varphi > 0,9$

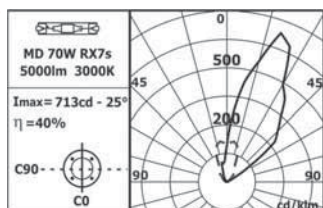
FEATURES

- Installation: Recessed ground mounted
- Degree of protection: IP67
- Insulation class I
- Can be installed on flammable surfaces
- Conforms to the standard EN 60598 (CEI 34-21) and specific provisions

Dati fotometrici

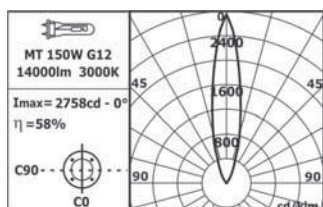
Photometric data

4450A/1M1.VT



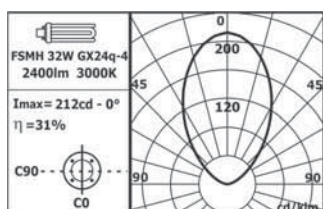
C0-180=27° (As 18°)	h (m)	d1 (m)	d2 (m)	Em (lux)	E _{max} (lux)
d1	4	2,2	3,5	124	171
	3	1,6	2,7	220	305
	2	1,1	1,8	495	685
	1	0,5	0,9	1978	2742

4450R/1M6.VT



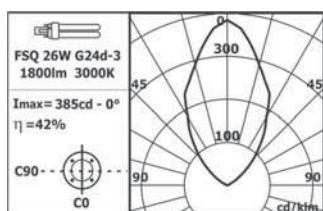
C0-180=19°	h (m)	d (m)	Em (lux)	E _{max} (lux)
d	4	1,4	1624	2413
	3	1,0	2887	4290
	2	0,6	6496	9653
	1	0,4	25982	38613

4450R/1E3.VS

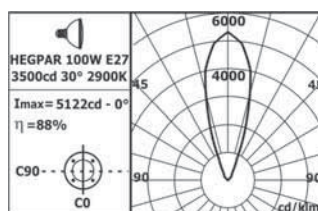


C0-180=52°	h (m)	d (m)	Em (lux)	E _{max} (lux)
d	4	4,0	22	32
	3	3,0	40	57
	2	2,0	90	128
	1	1,0	360	510

4450R/1F7.VS



4450R/1U5.VS



4450A/1M1.VS

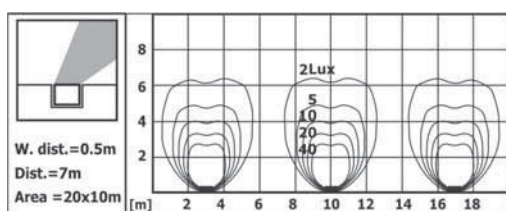


Diagramma Isolux Parete
Distanza parete 0,5m
Distanza apparecchi 7m

Wall Isolux Diagram
Wall distance 0,5m
Luminaire distance 7m

4450R/1M6.VT

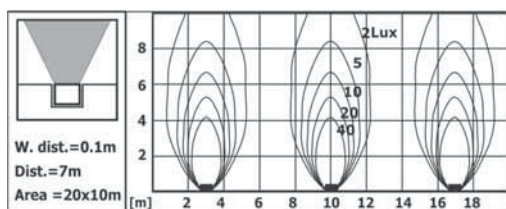


Diagramma Isolux Parete
Distanza parete 0,1m
Distanza apparecchi 7m

Wall Isolux Diagram
Wall distance 0,1m
Luminaire distance 7m

4450R/1E3.VS

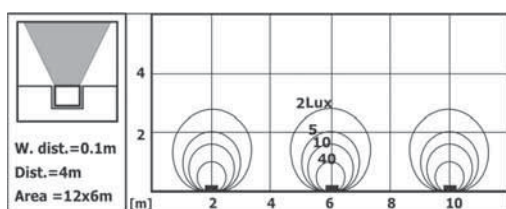
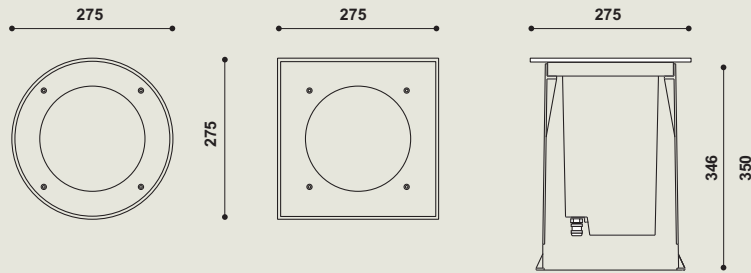


Diagramma Isolux Parete
Distanza parete 0,1m
Distanza apparecchi 4m

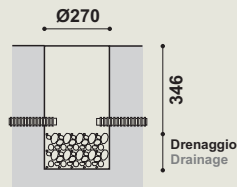
Wall Isolux Diagram
Wall distance 0,1m
Luminaire distance 4m

Dati tecnici

Technical data



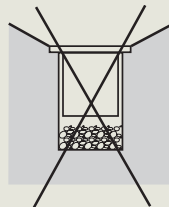
quote in millimetri
dimensions in millimetres

**Dimensioni foro per cassaforma da incasso**

La cassaforma deve essere installata a filo terreno
Prevedere un fondo di drenaggio con altezza minima di 300mm

Size of recess hole for mounting box

The mounting box must be installed flush to ground.
Provide a drainage blanket with a minimum depth of 300mm



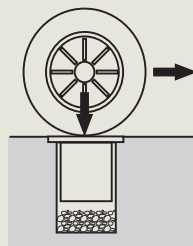
L'apparecchio non deve essere installato in zone infossate in quanto non idoneo al funzionamento in sommersione permanente.

Do not install this lighting fixture in sunken areas as it is not designed for permanent operation underwater.

Apparecchio carrabile

La carrabilità è garantita solo per gli apparecchi incassati nel cemento.
Carico statico max. supportato = 2000Kg
E' consentito il passaggio di autoveicoli con una velocità max. di 20Km/h.
Evitare lo stazionamento prolungato sugli articoli con lampade tipo:

M1 / M5 / M6 / U5

**Drive-over lighting fixture**

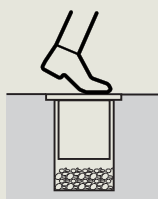
To guarantee resistance to moving loads this fixture must be installed and mounted in concrete.

Max allowable static load = 2000 Kg

This drive-over lighting fixture is designed for vehicles travelling at a max speed of 20 Km/h.

Avoid parking vehicles for long periods of time on fixtures which mount lamps type:

M1 / M5 / M6 / U5

**Apparecchio pedonabile**

La pedonabilità è garantita per gli articoli con lampade tipo:

E3 / F7

Walkover lighting fixture

Walkover resistance is guaranteed for fixtures which mount lamps type:

E3 / F7



Controcassa cilindrica in PP Polipropilene per incasso a terra
Ingresso del cavo d'alimentazione dal fondo e dalle pareti laterali.

Cylinder design PP polypropylene mounting box for ground installation.
Cable entry from bottom and side walls.



Apparecchio provvisto di doppio pressacavo in ottone nichelato tipo M20 IP68 per alimentazione in fila continua e tappo di chiusura in Poliammide per alimentazione singola. Utilizzare cavi flessibili tipo H07RN-F Ø9÷13mm. L'utilizzo di cavi rigidi può compromettere la tenuta stagna IP67.

This lighting fixture is fitted with a nickel plated brass cable gland type M20 IP68 for a continuous wiring power supply and polyamide end cap for single power supply. Use flexible cables type H07RN-F Ø9÷13mm. The use of rigid cables may compromise IP67 sealing.



L'articolo con lampada 26W G24d-3 è disponibile anche con alimentatore elettronico compatto 220÷240V/50÷60Hz EEI=A2

Lighting fixture with lamp 26W G24d-3 is also available with a compact electronic ballast 220÷240V/50÷60Hz EEI=A2







Incassi - Semincassi
Recessed - Semi-recessed

