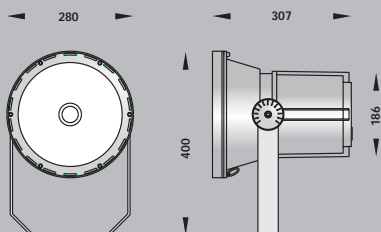


## OD-2010

SMALL POWER PROJECTOR IN SPOT,  
MEDIUM AND FLOOD BEAM ANGLE.



## NEW FOR 2006

THIS IS PROVISION DATA ONLY.  
ACTUAL DIMENSION AND LOOK  
MAY DIFFER FROM THIS.

### SPECIFICATION

- CONSTRUCTION:** Fixture is manufactured in compliance with IEC 60598-1. Electrical protection class 1. IP 66.
- BODY:** Housing and cover in corrosion resistant high-pressure die-cast aluminium ADC12 alloy. Ground Bracket with 1 central hole  $\varnothing$  25mm and 2 holes  $\varnothing$  10mm spacing 80mm.
- OPTIC COVER:** Impact resistant transparent safety tempered glass. Able to stand sudden change in temperature of up to 250°C.
- REFLECTOR:** High purity anodised aluminium 99.90% Available in many beam angles. Please see detail on the page.
- PROTECTION:** Weather proof and durable silicone gasket. Service temperature -40°to +200°C.
- FASTENING:** All external screw is in 316 stainless steel with silicone grease dipping.
- CABLE ENTRY:** Two IP67 M20 brass nickle cable gland for H07RN-F cable 3G x1.5 Possible for through wiring.
- LAMP HOLDER:** G12 holder in ceramic nickle-coated contact from Vossloh Schwabe - Germany / ENEC approved. For discharge lamp. T270 rating 4/250/5kV.  
E27 ceramic nickle-coated contact from Vossloh Schwabe- Germany / ENEC approved. For discharge lamp. T270 rating 4/250/5kV.  
Rx7s holder in steatite body with electrolytic silver contact from EMC Colosio - Italy / ENEC approved. For discharge lamp and halogen lamp. T250 rating 6/1000/5kV.  
Gx24q-4 holder in PBT phosphor bronze contact from AAG Stucchi - Italy / ENEC approved. For compact fluorescent lamp. T140 rating 2A-250V.
- CONTROL GEAR:** Magnetic ballast from Vossloh Schwabe - Germany / ENEC approved. 230V 50Hz tw130. For discharge lamp.  
High frequency electronic ballast from Vossloh Schwabe / ENEC approved. 220-240V 0-50-60Hz tc 70.  
For 4 pins compact fluorescent lamp.  
Electronic superimposed ignitor with automatic switch-off feature from Vossloh Schwabe - Germany / ENEC approved. Ignition voltage 4-5kV 220-240V 50-60Hz. For ceramic/quartz discharge lamp.  
Power factor correction for discharge lamp from Vossloh Schwabe- Germany or from Electronicon - Germany. ENEC approved.
- WIRING:** 1x0.75 silicone rubber insulated cable with fiberglass braid from CET Elettric - Italy / IMQ approved. 2kV / -60°to +180°C service temperature. Double silicone insulation ignition wire. Tinned copper condutor. Impulsive voltage 5kV.  
Connector in glass-fiber reinforced PA6.6 from BM - Italy / ENEC approved. Service temperature up to 200°C. Cross section 4mm<sup>2</sup> Rating 4A/400V. Wiring provided with earth connection.
- PAINTING:** First Stage: Chromatzation treatment, resistant to corrosive and extreme environment.  
Second Stage: Coated with UV stabilized polyester powder in automatic chamber.  
Third Stage: Baked in digital temperature control room at 200°C for 30 minutes.

### AVAILABLE COLOR:

- Black - RAL9005 (replace last 2 digits on ordering code with 01)
- Graphite - RAL7016 (replace last 2 digits on ordering code with 02)
- Dark Grey - RAL7037 (replace last 2 digits on ordering code with 03)
- Aluminium Silver - RAL9006 (replace last 2 digits on ordering code with 04)
- White - RAL9010 (replace last 2 digits on ordering code with 06)

## NEW FOR 2006

THIS IS PROVISION DATA ONLY.  
ACTUAL DIMENSION AND LOOK  
MAY DIFFER FROM THIS.

### AVAILABLE BEAM ANGLE:

Narrow beam for HIT-CE (G12) lamp

Medium beam for HME, HSE, HIE, HST-MF, HIT-CE (E27) and TC-TEL lamp

Medium- Flood beam for HST-DE and HIT-DE lamp

### ACCESSORIES:

Flat beam tempered lens (for HIT-CE (G12) lamp).

Ordering Code: **9-0010-00**

Aluminium glare shield hood.

Ordering Code: **9-0100-XX**

Aluminium glare shield ring louver

Ordering Code: **9-0150-01**

Mounting base.

Ordering Code: **9-0200-XX**

Pole mount cap.

Ordering Code: For pole diameter 76mm. **9-0212-XX**

For pole diameter 105mm. **9-0213-XX**

Outrigger arm for wall/pole mount.

Ordering Code: **9-0220-XX**

### MERCURY VAPOUR

Ordering Code:

**2010-6-3-511-XX**

HME E27

80W (4000 lm)

### METAL HALIDE

Ordering Code:

**2010-6-3-711-XX**

HIE-CE E27

70W (5900 lm)

### HIGH PRESSURE SODIUM

Ordering Code:

**2010-6-3-611-XX**

HSE-I E27

70W (6000 lm)

### METAL HALIDE

Ordering Code:

**2010-6-3-721-XX**

HIT-CE E27

70W (6500 lm)

### HIGH PRESSURE SODIUM

Ordering Code:

**2010-6-3-621-XX**

HST-MF E27

70W (6600 lm)

### METAL HALIDE

Ordering Code:

**2010-5-3-752-XX**

HIT-CE G12

70W (6600 lm)

### HIGH PRESSURE SODIUM

Ordering Code:

**2010-7-3-632-XX**

HST-DE Rx7s-24

150W (15000 lm)

### METAL HALIDE

Ordering Code:

**2010-7-3-732-XX**

HIT-DE-CE Rx7s-24

150W (14200 lm)

### COMPACT FLUORESCENT

Ordering Code:

**2010-6-3-436-XX**

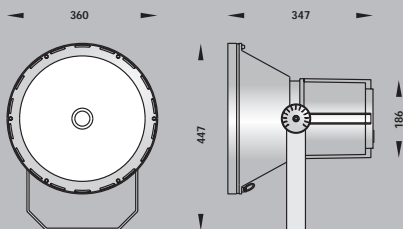
TC-TEL Gx24q-4

42W (3200 lm)



# OD-2011

MEDIUM POWER PROJECTOR IN SPOT, MEDIUM AND FLOOD BEAM ANGLE.



## NEW FOR 2006

THIS IS PROVISION DATA ONLY.  
ACTUAL DIMENSION AND LOOK  
MAY DIFFER FROM THIS.

### SPECIFICATION

- CONSTRUCTION:** Fixture is manufactured in compliance with IEC 60598-1. Electrical protection class 1. IP 66.
- BODY:** Housing and cover in corrosion resistant high-pressure die-cast aluminium ADC12 alloy. Ground Bracket with 1 central hole  $\varnothing$ 25mm and 2 holes  $\varnothing$ 10mm spacing 80mm.
- OPTIC COVER:** Impact resistant transparent safety tempered glass. Able to stand sudden change in temperature of up to 250°C.
- REFLECTOR:** High purity anodised aluminium 99.90% Available in many beam angles. Please see detail on the page.
- PROTECTION:** Weather proof and durable silicone gasket. Service temperature -40° to +200°C.
- FASTENING:** All external screw is in 316 stainless steel with silicone grease dipping.
- CABLE ENTRY:** Two IP67 M20 brass nickle cable gland for H07RN-F cable 3G x1.5 Possible for through wiring.
- LAMP HOLDER:**  
G12 holder in ceramic nickle-coated contact from Vossloh Schwabe - Germany / ENEC approved. For discharge lamp. T270 rating 4/250/5kV.  
E27 ceramic nickle-coated contact from Vossloh Schwabe - Germany / ENEC approved. For discharge lamp. T270 rating 4/250/5kV.  
E40 ceramic nickle-coated contact from Vossloh Schwabe - Germany / ENEC approved. For discharge lamp. T270 nominal rating 18/750.  
Fc2 ceramic nickle conductor from Vossloh Schwabe - Germany / ENEC approved. For discharge lamp. T250 rating 10/250/5kV.
- CONTROL GEAR:** Magnetic ballast from Vossloh Schwabe - Germany / ENEC approved. 230V 50Hz tw130. For discharge lamp. Electronic superimposed ignitor with automatic switch-off feature from Vossloh Schwabe - Germany / ENEC approved. Ignition voltage 4-5kV 220-240V 50-60Hz. For ceramic/quartz discharge lamp. Power factor correction for discharge lamp from Vossloh Schwabe - Germany or from Electronicon - Germany. ENEC approved.
- WIRING:** 1x0.75/ 1x1.50 silicone rubber insulated cable with fiberglass braid from CET Eletric - Italy / IMQ approved. 2kV / -60° to +180°C service temperature. Double silicone insulation ignition wire. Tinned copper conductor. Impulsive voltage 5kV. Connector in glass-fiber reinforced PA6.6 from BM - Italy / ENEC approved. Service temperature up to 200°C. Cross section 4mm<sup>2</sup> Rating 4A/400V. Wiring provided with earth connection.
- PAINTING:** First Stage: Chromatisation treatment, resistant to corrosive and extreme environment. Second Stage: Coated with UV stabilized polyester powder in automatic chamber. Third Stage: Baked in digital temperature control room at 200°C for 30 minutes.

### AVAILABLE COLOR:

- Black - RAL9005 (replace last 2 digits on ordering code with 01)
- Graphite - RAL7016 (replace last 2 digits on ordering code with 02)
- Dark Grey - RAL7037 (replace last 2 digits on ordering code with 03)
- Aluminium Silver - RAL9006 (replace last 2 digits on ordering code with 04)
- White - RAL9010 (replace last 2 digits on ordering code with 06)

## NEW FOR 2006

THIS IS PROVISION DATA ONLY.  
ACTUAL DIMENSION AND LOOK  
MAY DIFFER FROM THIS.

### AVAILABLE BEAM ANGLE:

Narrow beam for HIT-CE (G12) lamp

Medium beam for HME, HSE, HIE, HST, HIT-CE (E40) lamp

Medium-Flood beam for HIT-DE lamp

### ACCESSORIES:

Flat beam tempered lens (for HIT-CE (G12) lamp).

Ordering Code: **9-0011-00**

Aluminium glare shield hood.

Ordering Code: **9-0101-XX**

Aluminium glare shield ring louver.

Ordering Code: **9-0151-01**

Mounting base

Ordering Code: **9-0200-XX**

Pole mount cap.

Ordering Code: For pole diameter 74mm. **9-0212-XX**

For pole diameter 105 mm. **9-0213-XX**

Outtrigger arm for wall/pole mount.

Ordering Code: **9-0220-XX**

### MERCURY VAPOUR

Ordering Code:

**2011-6-3-512-XX**

HME E27

125W (6500 lm)

### METAL HALIDE

Ordering Code:

**2011-5-3-753-XX**

HIT-CE G12

150W (14500 lm)

### HIGH PRESSURE SODIUM

Ordering Code:

**2011-6-3-613-XX**

HSE E40

150W (14500 lm)

### METAL HALIDE

Ordering Code:

**2011-6-3-722-XX**

HIT-CE E40

150W (14500 lm)

### HIGH PRESSURE SODIUM

Ordering Code:

**2011-6-3-623-XX**

HST-MF E40

150W (17500 lm)

### METAL HALIDE

Ordering Code:

**2011-7-3-733-XX**

HIT-DE-CE Fc2

250W (24500 lm)

### METAL HALIDE

Ordering Code:

**2011-6-3-713-XX**

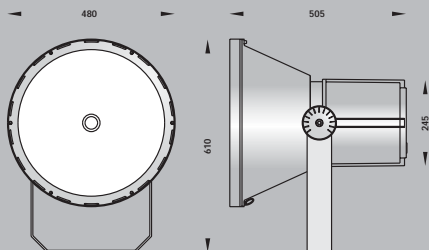
HIE-CE E27

150W (13000 lm)



## OD-2012

LARGE POWER PROJECTOR IN SPOT,  
MEDIUM AND FLOOD BEAM ANGLE.



## NEW FOR 2007

THIS IS PROVISION DATA ONLY.  
ACTUAL DIMENSION AND LOOK  
MAY DIFFER FROM THIS.

### SPECIFICATION

CONSTRUCTION:	Fixture is manufactured in compliance with IEC 60598-1. Electrical protection class 1. IP66.
BODY:	Housing and cover in corrosion resistant high-pressure die-cast aluminium ADC12 alloy. Ground Bracket with 1 central hole $\varnothing$ 25mm, 2 holes $\varnothing$ 10mm spacing 80mm and 2 holes $\varnothing$ 14mm spacing 210mm.
OPTIC COVER:	Impact resistant transparent safety tempered borosilicate glass. Able to stand sudden change in temperature of up to 500°C.
REFLECTOR:	High purity anodised aluminium 99.90% Available in many beam angles. Please see detail on the page.
PROTECTION:	Weather proof and durable silicone gasket. Service temperature -40° to +200°C.
FASTENING:	All external screw is in 316 stainless steel with silicone grease dipping.
CABLE ENTRY:	Two IP67 M24 brass nickel cable gland for H07RN-F cable 3G x1.5 Possible for through wiring.
LAMP HOLDER:	E40 ceramic nickel-coated contact from Vossloh Schwabe - Germany / ENEC approved. For discharge lamp. T270 nominal rating 18/750. Fc2 ceramic nickel conductor from Vossloh Schwabe - Germany / ENEC approved. For discharge lamp. T250 rating 10/250/5kV.
CONTROL GEAR:	Magnetic ballast from Vossloh Schwabe - Germany / ENEC approved. 230V 50Hz tw130. For discharge lamp. Electronic superimposed ignitor with automatic switch-off feature from Vossloh Schwabe - Germany / ENEC approved. Ignition voltage 4-5kV 220-240V 50-60Hz. For ceramic/quartz discharge lamp. Power factor correction for discharge lamp from Vossloh Schwabe - Germany or from Electronicon - Germany. ENEC approved.
WIRING:	1x1.50 silicone rubber insulated cable with fiberglass braid from CET Electric - Italy / IMQ approved. 2kV / -60° to +180°C service temperature. Double silicone insulation ignition wire. Tinned copper conductor. Impulsive voltage 5kV. Connector in glass-fiber reinforced PA6.6 from BM - Italy / ENEC approved. Service temperature up to 200°C. Cross section 4mm <sup>2</sup> Rating 4A/400V. Wiring provided with earth connection.
PAINTING:	First Stage: Chromatisation treatment, resistant to corrosive and extreme environment. Second Stage: Coated with UV stabilized polyester powder in automatic chamber. Third Stage: Baked in digital temperature control room at 200°C for 30 minutes.

### AVAILABLE COLOR:

Black	- RAL9005 (replace last 2 digits on ordering code with 01)
Graphite	- RAL7016 (replace last 2 digits on ordering code with 02)
Dark Grey	- RAL7037 (replace last 2 digits on ordering code with 03)
Aluminium Silver	- RAL9006 (replace last 2 digits on ordering code with 04)
White	- RAL9010 (replace last 2 digits on ordering code with 06)

### AVAILABLE BEAM ANGLE:

Narrow beam for HST and HIT lamp  
Medium beam for HME, HSE and HIE lamp  
Medium-Flood beam for HST-DE and HIT-DE lamp

## NEW FOR 2007

THIS IS PROVISION DATA ONLY.  
ACTUAL DIMENSION AND LOOK  
MAY DIFFER FROM THIS.

### ACCESSORIES:

Flat beam tempered lens (for HIT, HST lamp).

Ordering Code: **9-0012-00**

Aluminium glare shield hood.

Ordering Code: **9-0102-XX**

Aluminium glare shield ring louver.

Ordering Code: **9-0152-01**

Mounting base.

Ordering Code: **9-0200-XX**

Pole mount cap.

Ordering Code: For pole diameter 74mm. **9-0212**  
For pole diameter 105mm. **9-0213**

Outrigger arm for wall/pole mount.

Ordering Code: **9-0220-XX**

### METAL HALIDE

Ordering Code:  
**2012-5-3-723-XX**  
HIT-CE E40  
250W (26000 lm)

### HIGH PRESSURE SODIUM

Ordering Code:  
**2012-5-3-624-XX**  
HST-MF E40  
250W (33200 lm)

### MERCURY VAPOUR

Ordering Code:  
**2012-6-3-514-XX**  
HME E40  
400W (24000 lm)

### METAL HALIDE

Ordering Code:  
**2012-5-3-724-XX**  
HIT E40  
400W (42000 lm)

### HIGH PRESSURE SODIUM

Ordering Code:  
**2012-5-3-625-XX**  
HST-MF E40  
400W (56500 lm)

### METAL HALIDE

Ordering Code:  
**2012-6-3-714-XX**  
HIE E40  
250W (20000 lm)

### HIGH PRESSURE SODIUM

Ordering Code:  
**2012-6-3-614-XX**  
HSE E40  
250W (27000 lm)

### METAL HALIDE

Ordering Code:  
**2012-6-3-715-XX**  
HIE E40  
400W (34000 lm)

### HIGH PRESSURE SODIUM

Ordering Code:  
**2012-6-3-615-XX**  
HSE E40  
400W (48000 lm)

### METAL HALIDE

Ordering Code:  
**2012-7-3-734-XX**  
HIT-DE Fc2  
400W (37000 lm)

### HIGH PRESSURE SODIUM

Ordering Code:  
**2012-7-3-634-XX**  
HST-DE Fc2  
400W (48000 lm)