

WL-175 & WL-250BR & WM-175

WL-175	DARK BRONZE	IP55	IP55	IK10	6-9 KG	⊕
WL-250 BR	DARK BRONZE	IP55	IP55	IK08	8-14 KG	⊕
WM-175	DARK BRONZE	IP55	IP55	IK06	10 KG	⊕



Application

Illuminating building perimeters, patios, and lobbies, corridors, loading bays, garages, pedestrian and vehicle underpasses, porches and arcades.

Technical specification

Compact luminaires, designed for wall mounting with the optical system sealed with a glass lens. The optical system of WL-175 model comes with prismatic polycarbonate lenses with high-efficiency and good glare control properties. The WL-250 BR model offers strict glare control and zero light emission towards the upper hemisphere.

Luminaire & ballast are supplied and tested by GE, ensuring the best possible product quality. GE lamps can be ordered separately.

Structure and material

The housing of the WL-175 and WM-175 is die-cast aluminium in two pieces (housing and door) and the WL-250 BR comprises three pieces (base, front housing and cover) in the same material. In case of WM-175 and WL-250 BR, the pieces are a dark bronze colour, electrostatically sprayed with a polyester powder paint finish, following anti-corrosion priming, and oven cured at 180°C. The WL175 types are with a polycarbonate front lens; Acrylic (A) optional.

Electrical and gear compartment

Electrical unit incorporated in the base of the luminaire. With a protection degree IP55 for:

- Mercury Vapor (MV) lamps, HPS and Metal Halide (MH) lamps up to 150W (WL-175). It is recommended to use diffuse lamps in this fitting. Please contact us for using any other lamp type (compact fluorescents, low pressure sodium).
 - MV lamps, HPS and MH lamps up to 250W (WL-250 BR).
 - MV lamps, HPS and MH lamps up to 175W (WM-175).
- Insulation class I.

Optics

Optical assembly sealed providing IP55, comprising:

- Prismatic polycarbonate refractor in case of WL-175 with EPDM gaskets between lens and housing.
Flat tempered glass lens sealed with silicone to the cover in the WL-250 BR.
Prismatic borosilicate glass with a silicone gasket in the WM-175.
- Aluminium reflector.

Maintenance

Frontal access to lamp and control gear.

Installation

Direct wall mounting.

Accessories/options

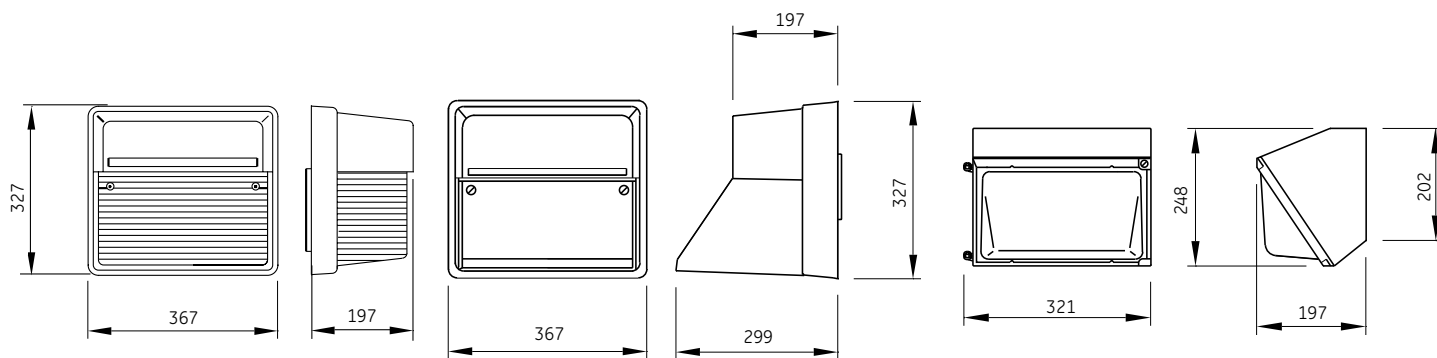
- The luminaires may incorporate a photoelectric control unit. Supplied separately. Reference PEK-240.

Dimensions (mm)

WL-175

WL-250BR

WM-175



WL-175

CEI 34.21 / EN 60598-1, IEC 60598 – 230V 50Hz – Class I – IP55 – IK10
Luminaire supplied without lamp

Description	Lamp	Weight (kg)	Product code
WL-175 HPS 50W	LU50/85/MO/T/E27	6.00	519492
WL-175 HPS 70W	LU70/90/MO/T/E27	5.60	519493
WL-175 HPS 100W	LU100/100/MO/T/40	6.30	519494
WL-175 HPS 150W	LU150/100/40	7.20	519495
WL-175 CMH 150 T U	CMH150/T/UVC/830/E40	7.20	519496

WL-250BR

CEI 34.21 / EN 60598-1, IEC 60598 – 230V 50Hz – Class I – IP55 – IK08
Luminaire supplied without lamp

Description	Lamp	Weight (kg)	Product code
WL-250BR HPS 70W	LU70/90/MO/T/E27	7.70	519486
WL-250BR HPS 100W	LU100/100/MO/T/40	8.10	519487
WL-250BR HPS 150W	LU150/100/40	8.10	519488
WL-250BR HPS 250W	LU250/T/40	9.10	519489
WL-250BR CMH 150 T U	CMH150/T/UVC/830/E40	8.60	519490
WL-250BR CMH 250 T U	CMH250/TT/UVC/U/830/E40	9.10	519491

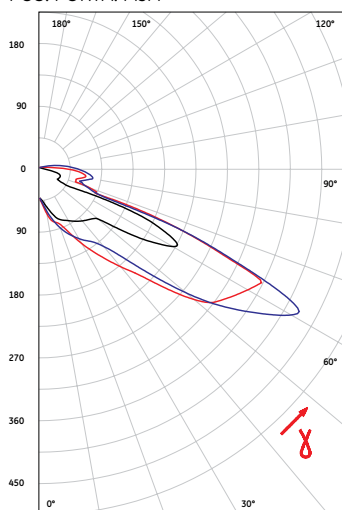
WM-175

CEI 34.21 / EN 60598-1, IEC 60598 – 230V 50Hz – Class I – IP55 – IK08
Luminaire supplied without lamp

Description	Lamp	Weight (kg)	Product code
WM-175 HPS 50W	LU50/85/MO/T/E27	5.85	519497
WM-175 HPS 70W	LU70/90/MO/T/E27	5.00	519498
WM-175 HPS 100W	LU100/100/MO/T/40	5.85	519499
WM-175 HPS 150W	LU150/100/40	6.30	519500
WM-175 MH 70W	CMH70/TT/UVC/830/E27	5.40	519501
WM-175 MH 100W	CMH100/TT/UVC/830/E40	5.85	519502
WM-175 CMH 150 T U	CMH150/TT/UVC/830/E40	6.75	519504
WM-175 MH 150W	CMH150/TT/UVC/830/E40	6.30	519503

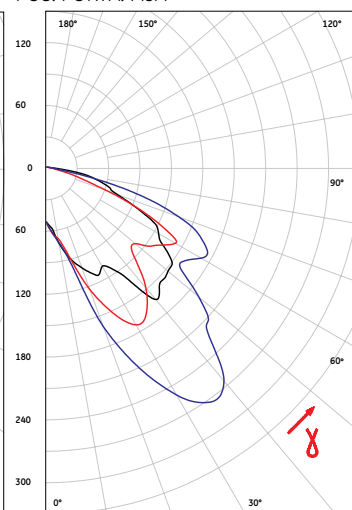
Photometric data

WL-175/VHPS100
POS. PORTA. FIJA



Intensity in the vertical plane, in candela per 1000 lumens
LONGITUDINAL ———
TRANSVERSAL ———
PRINCIPAL ———

WL-250BR/VHPS150
POS. PORTA. FIJA



Intensity in the vertical plane, in candela per 1000 lumens
LONGITUDINAL ———
TRANSVERSAL ———
PRINCIPAL ———