



## WPR - WALL MOUNTED HALF ROUND

*The WPR is a wall-mounted full cut-off fixture with an up/down option. The WPR has three distributions, wide throw, forward throw and up/down. The universal mounting plate with bubble level ensures a level installation. The hinged lens frame allows for easy lamp replacement. Ideal for use in almost any application where light trespass or glare is a concern.*

**HOUSING** Precision die-cast aluminum with decorative bands. Housing has a powder coat paint finish.

**LENS FRAME** Precision die-cast aluminum hinged frame with a continuous rubber silicone gasket and a powder coat paint finish. Lens frame held in place with two stainless steel screws.

**GLASS** Tempered clear glass with a continuous silicone rubber gasket. Glass is held in place with 4 clamps.

**REFLECTOR** Three distributions are available, forward throw, wide throw and up/down. Please note the up/down option is not full cut-off.

**BALLAST** For 50, 70, 100 and 150 watt High Pressure Sodium ballasts are available in 120V Normal and High Power Factor and Tri-Tap 120/277/347 volts. For 50, 70, 100, 150 and 175 watt Metal Halide all ballasts are Tri-Tap 120/277/347 volts. Also available in compact fluorescent 42 watts in 120 or 347 volts.



**LAMP** All units come complete with lamp.

**SOCKET** Medium base 4KV pulse-rated socket with a nickel-plated screw shell and a spring-loaded centre contact. For compact fluorescent option, 4 pin thermal plastic GX24q-4 base.,

**HARDWARE** All hardware is stainless steel.

**FINISH** Standard colours are Bronze and White. For custom colours please consult factory.

**OPTIONS** Photocell, Tamper Proof Hardware and Quartz Restrike.

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## Catalog Code

**WPR**

LAMP

50HPS 70HPS 100HPS  
150HPS 50MH 70MH 100MH  
150MH 175MH 42CFL

VOLTAGE

120NPF\* 120HPF\*  
120 277 347

DISTRIBUTION

FT - FORWARD THROW  
WT - WIDE THROW  
U/D - UP DOWN

FINISH

BRZ - BRONZE  
WH - WHITE  
CC - CUSTOM COLOUR

OPTIONS

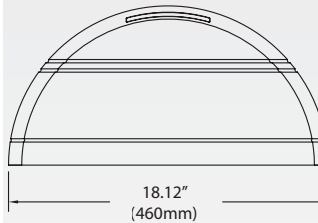
QRS - QUARTZ RESTRIKE  
TP - TAMPER PROOF  
HARDWARE  
PC - PHOTOCCELL

\* ONLY AVAILABLE IN HIGH PRESSURE SODIUM

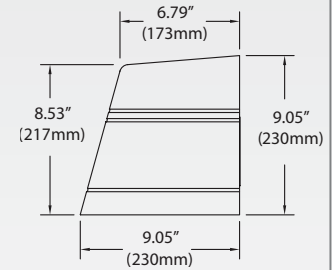
## Dimensions

**RAB**  
DESIGN

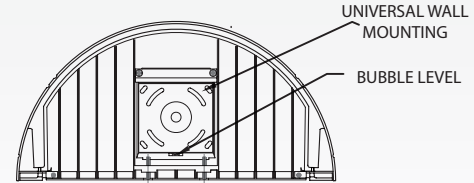
FRONT VIEW



SIDE VIEW



BACK VIEW



### 175 WATT FORWARD THROW

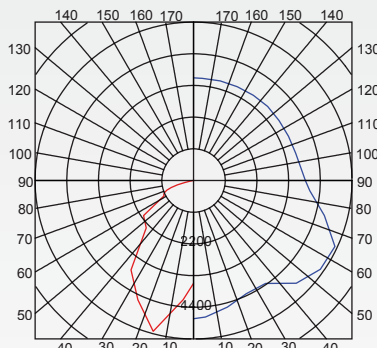
#### CATALOG NUMBER: WPR

FILENAME: WPR 175MH 7FT.IES  
IESNA:LM-63-2002  
[TEST] LLI 0704-01C  
[TESTLAB] LIGHT LABORATORY INC.  
[MANUFAC] RAB DESIGN  
[LUMCAT] WPR 175MH FT  
[LUMINAIRE] 18-1/8" X 9" X 7-1/8" SURFACE MOUNT LIGHTING.  
[MORE] FORWARD THROW TYPE SPECULAR REFLECTOR.  
[MORE] FLAT CLEAR TEMPERED GLASS LENS.  
[LAMP] GE MVR175/U/MED  
[BALLAST] ADVANCE M57 71A5590  
[BALLAST] 175W 120V MH MAGNETIC  
[LAMPPOSITION] 90,90  
[LAMPLUM] 11700  
[WATT] 208

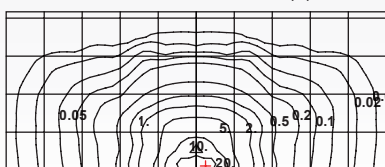
#### SUMMARY DATA

EFFICIENCY (Total): 76.4 %  
EFFICIENCY (Down / Up): 76.4 % / 0.0 %  
EFFICIENCY (Street / House): 51.3 % / 25.1 %  
LUMENS/LAMP: 11700  
NO. OF LAMPS: 1  
LUMINOUS OPENING: RECTANGULAR  
Width: 1.25 (Feet)  
Length: 0.51  
Height: 0.00  
INPUT WATTS: 208

PLANE & CONE DIAGRAM



ISO-ILLUMINANCE DIAGRAM (fc)



Mounting Height = 12 Feet. Each box represents one mounting height.

+ = Point of max candela

Mounting Height	Multiplier
10	1.440
15	0.640
20	0.360
25	0.230
30	0.160
35	0.118
40	0.090
45	0.071
50	0.058

### 175 WATT WIDE THROW

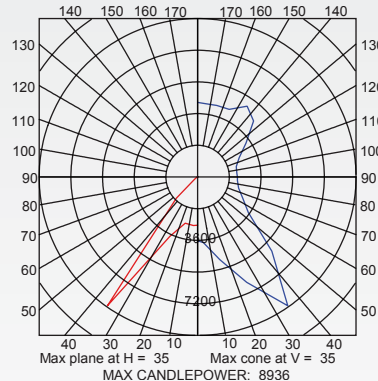
#### CATALOG NUMBER: WPR

FILENAME: WPR 175MH WT.IES  
IESNA:LM-63-2002  
[TEST] LLI 0704-01D  
[TESTLAB] LIGHT LABORATORY INC.  
[MANUFAC] RAB DESIGN  
[LUMCAT] WPR 175MH  
[LUMINAIRE] 18-1/8" X 9" X 7-1/8" SURFACE MOUNT LIGHTING.  
[MORE] WIDE THROW TYPE SPECULAR REFLECTOR.  
[MORE] FLAT CLEAR TEMPERED GLASS LENS.  
[LAMP] GE MVR175/U/MED  
[BALLAST] ADVANCE M57 71A5590  
[BALLAST] 175W 120V MH MAGNETIC  
[LAMPPOSITION] 90,90  
[LAMPLUM] 11700  
[WATT] 201.4

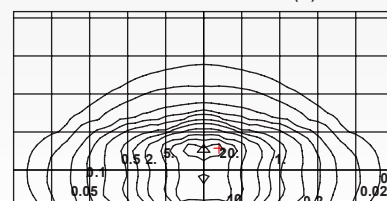
#### SUMMARY DATA

EFFICIENCY (Total): 71.9 %  
EFFICIENCY (Down / Up): 71.9 % / 0.0 %  
EFFICIENCY (Street / House): 37.1 % / 34.9 %  
LUMENS/LAMP: 11700  
NO. OF LAMPS: 1  
LUMINOUS OPENING: RECTANGULAR  
Width: 1.25 (Feet)  
Length: 0.51  
Height: 0.00  
INPUT WATTS: 201.4

PLANE & CONE DIAGRAM



ISO-ILLUMINANCE DIAGRAM (fc)



Mounting Height = 12 Feet. Each box represents one mounting height.

+ = Point of max candela

Mounting Height	Multiplier
10	1.440
15	0.640
20	0.360
25	0.230
30	0.160
35	0.118
40	0.090
45	0.071
50	0.058

1208

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