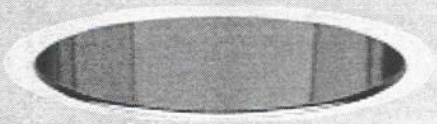
H.I.D.

TYPE SMB
RH-35-MHC-4AC-277

RH Series

Type SM3
Desc: RH 35MHC 4AC 277



Cone

Black Microgroove Baffle

Features

Optical System: Self-flanged, specular clear, semi-diffuse or highly specular anodized cone or microgroove baffle. Baffle flange painted white. Optical design maximizes lamp output while minimizing high-angle brightness.

Electrical System: Prewired, encased-and-potted, tray-mounted ballast module. Die-cast aluminum socket housing designed for effective heat dissipation and positive lamp positioning. Thermally activated insulation detector. Medium-base porcelain socket.

Mounting: 16-gauge galvanized steel mounting frame with thru-wire junction box. Expandable, self-locking mounting bars provide horizontal and vertical adjustment.

Listing: Fixtures are UL 1572 listed for thru-branch wiring, recessed mounting and damp locations. Listed and labeled to comply with Canadian Standards.

Open Cone and Baffle

Master Catalog Number

Example: **RPH 70M 6AC 120**

Series

RH
RPH[1]

Wattage/Lamp

Metal Halide

70M PAR38
100M PAR38
150M[2] PAR38

Ceramic Metal Halide[3]

35MHC PAR20/30
70MHC PAR20/30/38
100MHC PAR38

Aperture[4]

4
5
6
7

Trim Color

AC Clear
PC Pewter
UBC Umber
WTC Wheat
CC[5] Champagne gold
GC[5] Gold
BC[6] Black
WC[6] White painted
MB[6,7] Black micro-groove baffle
WB[6,7] White micro-groove baffle

Voltage

120
277
347

Finish

(blank) Specular
LD Semi-diffuse low iridescent
LS Highly specular

Options/Accessories

See pages 176-181.

NOTES
1 Available in 6-inch PAR38 only. MB and WB trim colors not available.
2 Not available in 347V.
3 Ceramic arc tube consistent-color lamp, Philips MasterColor or GE ConstantColor.
4 Refer to chart below for wattage/lamp availability.
5 Not recommended for use with HID lamp source. Consult factory.
6 Not available with finishes.
7 Available in RH 4-, 5- and 6-inch luminaires only.

ORDERING/PACKAGING OPTIONS

To accommodate the product's physical configuration as well as a range of customer handling and processing needs, two alternative ordering/packaging methods are available.

1) Standard Packaging *(optimized form)*

To order, use a single *master* catalog number.
Example: (13) **RPH 70M 6AC 120.**

Fixtures ship as multiple components using *optimized* packaging. Example above ships as:

(Qty 13) **GRSH 70M 6 120/277 MED HSG U** (13 housing cartons)
(Qty 12) **RPH 6AC TRIM J4** (3 cartons of 4 trims)
(Qty 1) **RPH 6AC TRIM U** (1 carton of 1 trim)

2) Component Packaging

Order housings as unit pack, order trims as J4 or unit pack as per component order guide listed below.

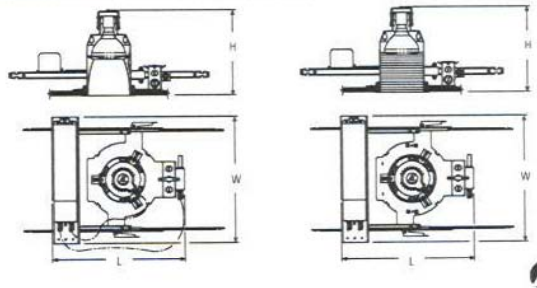
Housing Only:
GRSH wattage, lamp type aperture voltage[1] **MED HSG U**

Trim Only:
series aperture, trim color finish **TRIM** U or J4

NOTES
1 Dual voltages listed on breakouts. Ex: 120/277 or 120/347.

Cat. No.	Wattage/Lamp	Height (H)	Length (L)	Width (W)	Aperture	Ceiling Opening	Overlap Trim
RH4	35W MHC (PAR20)	7-3/8 (18.7)	18-3/4 (47.6)	17-1/2 (44.5)	4-5/16 (11.0)	5 (12.7)	5-3/8 (13.7)
RH4MB/WB	35, 70W MHC (PAR20/30)	8 (20.3)	18-3/4 (47.6)	17-1/2 (44.5)	4-1/8 (10.5)	5 (12.7)	5-3/8 (13.7)
RH5	35W MHC (PAR20)	7-3/4 (19.7)	18-3/4 (47.6)	17-1/2 (44.5)	5 (12.7)	5-5/8 (14.3)	6-1/4 (15.9)
RH5MB/WB	35, 70W MHC (PAR20/30)	9-1/4 (23.5)	18-3/4 (47.6)	17-1/2 (44.5)	4-3/4 (12.1)	5-5/8 (14.3)	6-1/4 (15.9)
RH6	35, 70W MHC (PAR30)	10-1/2 (26.7)	18-1/2 (47.0)	17-1/2 (44.5)	6-1/4 (15.9)	6-7/8 (17.5)	7-1/2 (19.1)
RH6MB/WB	70, 100, 150W M (PAR38) 35W MHC (PAR20/30) 70W MHC (PAR30/38) 100W MHC (PAR38)	11-3/8 (28.9)	18-1/2 (47.0)	17-3/4 (45.1)	6 (15.2)	6-7/8 (17.5)	7-1/2 (19.1)
RPH6	70, 100, 150W M (PAR38) 70, 100W MHC (PAR38)	11-3/8 (28.9)	18-1/2 (47.0)	17-3/4 (45.1)	5-7/8 (14.9)	6-7/8 (17.5)	7-1/4 (18.4)
RH7	70, 100, 150W M (PAR38) 35W MHC (PAR20/30) 70W MHC (PAR30/38) 100W MHC (PAR38)	12 (30.5)	19-1/2 (49.5)	17-3/4 (45.1)	7-1/2 (19.1)	8-1/8 (20.6)	8-3/4 (22.2)

Drawings for dimensional detail only. May not represent actual mechanical configuration.
Dimensions are shown in inches (centimeters).



PSG6

LITHONIA LIGHTING