

# FEATURES

## OPTICAL SYSTEM

- Self-flanged, anodized semi-specular or matte-diffuse metal finishing trim.
- Patented optical design provides lamp before lamp image and smooth transition from top of the reflector to bottom. Patented Bounding Ray™ Optical Principle design (U.S. Patent No. 5,800,050).
- Tool-less 0°-35° vertical and 360° horizontal lamp adjustments made with the trim assembly removed for simple focusing.

## MECHANICAL SYSTEM

- Rolled steel housing with matte black finish and 16-gauge painted steel mounting/plaster frame accommodates up to 1-1/2" thick ceiling materials.
- Patent-pending adjustable aperture allows 1/4" adjustments in all directions and up to 5° of rotation allowing post-installation adjustments to ensure trim to trim alignment.
- 16-gauge galvanized steel mounting bars with continuous 4" vertical adjustments are shipped pre-installed.
- Post-installation adjustment possible without the use of tools from above or below ceiling.
- Secondary housing adjustment system for precise, final ceiling to flange alignment.

## ELECTRICAL SYSTEM

- Medium-based porcelain socket with nickel-plated screw shell.
- Pre-wired, electronic, 120 or 277V ballast module is standard.
- Thermally activated insulation detector.

## LISTING

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

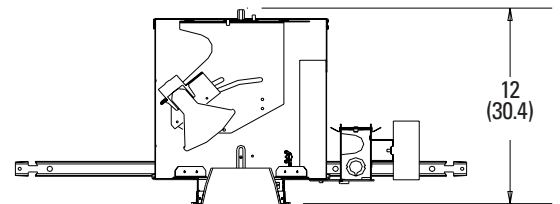
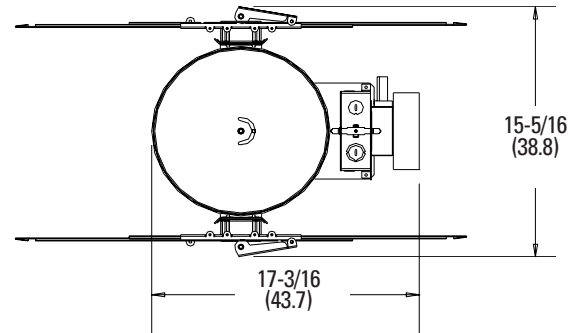
Type

Catalog number



# HID Accent 4" SQDPH

Square Adjustable  
PAR Lamp



All dimensions are inches (centimeters)  
 Ceiling opening: 5-1/8 (13.0)  
 Overlap trim: 5-3/4 (14.6)  
 Aperture opening: 4-3/8 (11.1)

# ORDERING INFORMATION

Choose the boldface catalog nomenclature that best suits your needs and write it on the appropriate line. Order accessories as separate catalog numbers (shipped separately).

Example: **SQDPH P2039MHC 4AR LD 120**

## SQDPH

Series	Lamp Type	Aperture/Trim	Finish	Voltage	Options
<b>SQDPH<sup>1</sup></b>	Color-corrected Metal Halide <b>P2039MHC</b> <b>P3039MHC</b> <b>P3070MHC</b>	<b>4AR</b> Clear <b>4PR</b> Pewter <b>4WTR</b> Wheat <b>4WR<sup>2</sup></b> White <b>4BR<sup>2</sup></b> Black	(blank) Semi-specular <b>LD</b> Matte-diffuse	<b>120</b> <b>277</b> <b>347</b>	<b>QRS</b> Quartz restrike system <b>QRSTD</b> QRS with time delay <b>EC</b> Emergency circuit <b>SF</b> Single Fuse <b>LRC<sup>3</sup></b> Provides compatibility with Lithonia Reloc System. Access above ceiling required <b>MFLG</b> Microflange trim <b>TRW</b> White flange <b>LPFL</b> Lamped, flood <b>LPSP</b> Lamped, spot <b>CP</b> Chicago Plenum approved

## Accessories

<b>LTWFH400 DBL</b>	Filter Holder for use with PAR20.
<b>LTWFH500 DBL</b>	Filter Holder for use with PAR30.
<b>F400<sup>4</sup></b>	Lens for use with 400 series filter holder.
<b>F500<sup>4</sup></b>	Lens for use with 500 series filter holder.

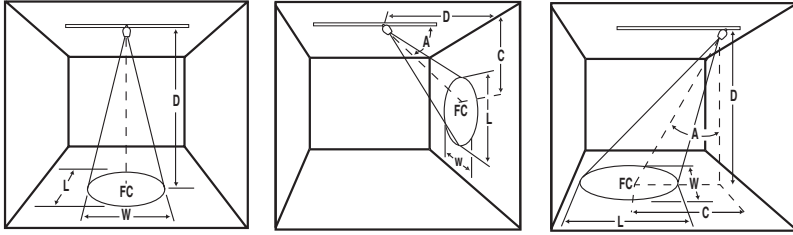
## NOTES

- 1 Standard metal trim (SQMT).
- 2 Not available with matte-diffuse finish.
- 3 For compatible Reloc systems, refer to Technical Bulletins tab.
- 4 Refer to Technical Bulletins tab for lens color availability.

# 4" SQDPH Square Adjustable

## LAMP PERFORMANCE DATA

The lighting performance data charts shown provide lighting levels (footcandles), beam pattern (in feet), rated lamp life (hours).



	Rated Life	Beam Spread	0° Aiming					30° Aiming					45° Aiming					60° Aiming				
			D	FC	W	L	C	D	FC	W	L	C	D	FC	W	L	C	D	FC	W	L	C
CDM35/PAR20/M/FL CBCP = 5000	9000	30	6	139	3.2	3.2	N/A	6	90	3.7	4.4	3.5	4	110	3.0	4.6	4.0	2	156	2.1	5.5	3.5
			8	78	4.3	4.3	N/A	8	51	5.0	5.9	4.6	6	49	4.5	6.9	6.0	4	39	4.3	10.9	6.9
			10	50	5.4	5.4	N/A	10	32	6.2	7.3	5.8	8	28	6.1	9.2	8.0	6	17	6.4	16.4	10.4
CDM35/PAR20/M/SP CBCP = 23,000	9000	10	10	230	1.7	1.7	N/A	10	149	2.0	2.3	5.8	10	81	2.5	3.5	10.0	4	180	1.4	2.9	6.9
			15	102	2.6	2.6	N/A	12	104	2.4	2.8	6.9	12	56	3.0	4.2	12.0	6	80	2.1	4.3	10.4
			20	58	3.5	3.5	N/A	14	76	2.8	3.3	8.1	14	41	3.5	4.9	14.0	8	45	2.8	5.7	13.9

### NOTES:

- 1 For electrical characteristics refer to the Technical Bulletins tab.
- 2 Tested to current IES and NEMA standards under stabilized laboratory conditions. Various operating factors can cause differences between laboratory data and actual field measurements. Dimensions and specifications are based on the most current available data and are subject to change without notice.

### AHID-350

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