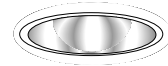
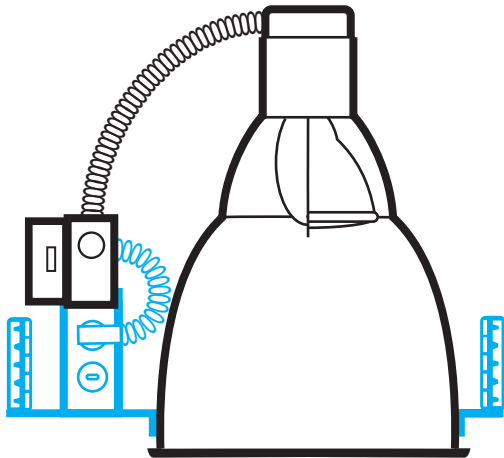


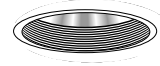
9.5" CERAMIC METAL HALIDE DOWNLIGHT RETRO SYSTEM



Clear Alzak® Haze



Wheat Alzak® Haze



Black Baffle

SPECIFICATION INFORMATION

RETRO SYSTEM

Installs into existing downlights mounting frame, J-box, and mounting hardware. Trim flange completely covers old ceiling cutout. Consists of precisely designed reflector; lampholder with pulse rated socket, flex, cap and wire; and ballast attached to J-box. (Voltage options must be specified). Accessory mounting clips are not required for all installations, however when needed specify mounting clip **MC** from accessories column. (Refer to clip spec page for further information).

REFLECTOR

Reflector is available in thirty degree (.30) cutoff for general illumination. Finishes are **A**—Clear Alzak® Haze or **G**—Wheat Alzak® Haze for anodized, specular, durable and anti-iridescent reflectors.

BALLAST

Electronic ballast with PF of 90%, THD<15%, lamp current crest factor <1.5, and sound rated A, supplied standard. Operates from 120V through 277V 50/60 Hz. Thermal protection and end of lamp life protection circuit.

ELECTRICAL

Allows 4-in / 4-out #12 AWG conductors rated at minimum 90° C. For use in damp locations. J-box and ballast are accessible through fixture.

LAMPS

To be used only with ceramic metal halide lamps rated for non-enclosure. Lamps are supplied with kit, lamp type must be specified, **PAR** for PAR lamps or **ED** for ED lamps. PAR lamps are available in spot, flood, and wide flood beam spreads; and 3000K or 4000K color temperatures.

ACCESSORIES

- B**—Black baffle
- G**—Wheat Alzak Haze reflector
- Q**—Quartz restrike
- MC1**—Mounting clips for high hat style housings like H7, R10, and MX7.
- MC2**—Mounting clips for die cast plaster frames.
- MC4**—Bottom feed clips.
- MC5**—Slide clips for flat plaster frames.
- MC6**—Bottom feed clips for die cast aluminum mounting frames.
- OT8**—White oversize trim ring
- QZ**—Quartz restrike
- RP**—Remodel pan

ORDERING INFORMATION

LAMP

- 1-35** 35W PAR30
- 1-70** 70W ED17, PAR38
- 1-100** 100W ED17, PAR38
- 1-150** 150W ED17

120V

- RMH9035.A30.1E** 35W 30°
- RMH9070.A30.1E** 70W 30°
- RMH9100.A30.1E** 100W 30°
- RMH9150.A30.1E** 150W 30°

277V

- RMH9035.A30.2E** 35W 30°
- RMH9070.A30.2E** 70W 30°
- RMH9100.A30.2E** 100W 30°
- RMH9150.A30.2E** 175W 30°

SUBMITTAL INFORMATION

TYPE:

PROJECT:

NOTES:

DESCRIPTION:

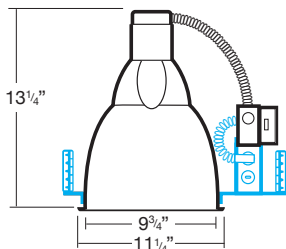
**DELRAY
LIGHTING
INCORPORATED**

RMH9000

BURBANK,
CALIFORNIA,
91505
WWW.
DELRAY
LIGHTING.
COM

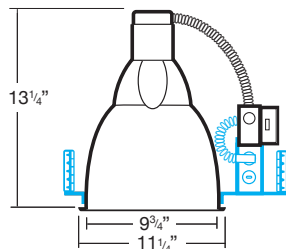
CLEAR ALZAK 30°

RMH9070.A30



CLEAR ALZAK 30°

RMH9100.A30



CONE OF LIGHT

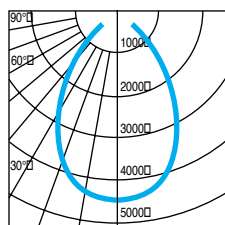
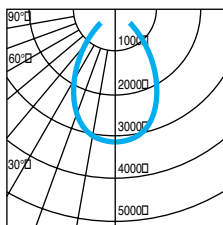
MTG. HT.	FC/0°	DIA.
6'	73	6.6
8'	48	9.0
10'	30	10.5
12'	21	12.6
14'	15	15.3

50% FC at edge

MTG. HT.	FC/0°	DIA.
6'	105	6.6
8'	69	9.0
10'	44	10.5
12'	30	12.6
14'	22	15.3

50% FC at edge

CP DISTRIBUTION



COEFFICIENTS OF UTILIZATION

% CEILING 80	% (20% FLOOR)		
	70	50	30
0	86	86	86
1	82	80	78
2	78	74	71
3	74	69	65
4	69	63	59
5	65	59	54
6	61	54	49
7	57	50	45
8	53	46	41
9	50	42	37
10	45	36	31

% CEILING 80	% (20% FLOOR)		
	70	50	30
0	77	77	77
1	73	71	69
2	69	66	63
3	65	61	58
4	62	56	53
5	58	52	48
6	54	48	44
7	51	44	40
8	47	41	36
9	44	37	33
10	40	33	28

NOTES

RMH9070.A30

1-70W ED17 coated
Medium base socket
Total lumens: 5000
Spacing criteria: .9

RMH9100.A30

1-100W ED17 coated
Medium base socket
Total lumens: 8000
Spacing criteria: .9

LAMP INFORMATION

ED17



CATALOG #	
8ED70CAP	70W
8ED100CAP	100W
8ED150CAP	150W

Specify 3000K or 4000K

PAR30



83035CASP	35W spot
83035CAFL	35W flood

Specify 3000K or 4000K

PAR38



83870CASP	70W spot
83870CAFL	70W flood
83870CAWFL	70W wide flood

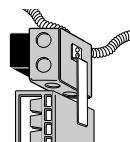
838100CASP	100W spot
838100CAFL	100W flood
838100CAWFL	100W wide flood

838150CASP	150W spot
838150CAFL	150W flood
838150CAWFL	150W wide flood

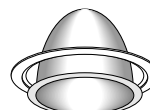
Specify 3000K or 4000K

ACCESSORIES

Mounting Bracket



JM—Box mount



OT9—Oversize Trim Ring

Reflector Clips



MC1—Top mount



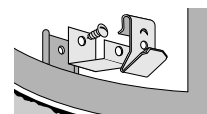
MC4—Bottom mount



MC2—Top mount



MC6—Bottom mount



MCX—Extender clip

INPUT WATTS

Lamp Wattage	Input Watts
39W	45
70W	79
100W	109
150W	161