



COACHMAN

The Coachman is ideal for use in office complexes, campuses, parks, townhouses and walkways. Easy maintenance with hinged top for lamp replacement. The Coachman is made of cast aluminum with a glass refractor for Type III and Type V distribution. It is available in High Pressure Sodium and Metal Halide.

HOUSING The Coachman is cast in two parts. The upper part which houses the photocell and upper reflector is hinged to the lower section which holds the ballast and lamp assembly and is held in place with stainless steel screws. Both parts are made of cast aluminum. Housing has a powder coat paint finish.

OPTICS The Coachman has two parts to its optic system. The upper optic system takes the up light from the lamp and bounces it back down. The lower part of the optic system is a glass refractor available in Type III and Type V.

LENS The Coachman comes with a clear polycarbonate lens. Also available are internal panels to act as house side cutoffs.

BALLAST The 50, 70, 100 and 150 watts High Pressure sodium is available as 120 volts NPF and HPF and 120/277/347V core and coil. For 50, 70, 100 and 150 watts in Metal Halide, 120/277/347 core and coil.

HARDWARE All external hardware is stainless steel to ensure corrosion-free protection from the elements.



SOCKET Medium base 4KV pulse-rated socket with a nickel-plated screw shell and a spring-loaded centre contact.

LAMP All units shipped complete with lamp.

MOUNTING Slip fits a 3" tenon for a pole or for a wall mount bracket. For multi-head assemblies please consult factory.

FINISHES Standard finishes are Bronze and Black in a powder coat finish. Custom colours are available.

OPTIONS Photocell, single and double fusing and Internal house side shield.



www.rabdesign.ca

Catalog Code

CCM

LAMP

50HPS 70HPS 100HPS 150HPS
50MH 70MH 100MH 150MH

VOLTAGE

120NPF* 120HPF* 120 277 347

OPTICS

R3 - TYPE III REFRACTOR
R5 - TYPE V REFRACTOR

FINISH

BLK - BLACK BRZ - BRONZE
CC - CUSTOM COLOUR

OPTIONS

PC - PHOTOCELL
SC- SHORTING CAP
HCO - HOUSE SIDE CUT OFF

* ONLY AVAILABLE WITH HIGH PRESSURE SODIUM

CATALOG NUMBER: CCM-150MH

FILENAME: CCM-150MH.IES

IESNA:LM-63-1995

[MANUFAC] RAB DESIGN

[LUMINAIRE] COACHMAN

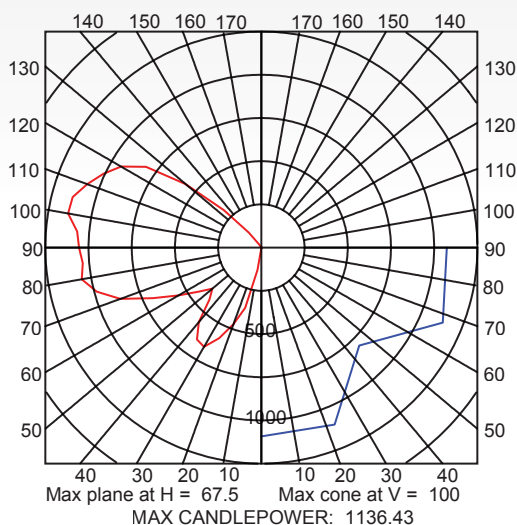
[LUMCAT] CCM-150MH

[LAMP] 150W MH

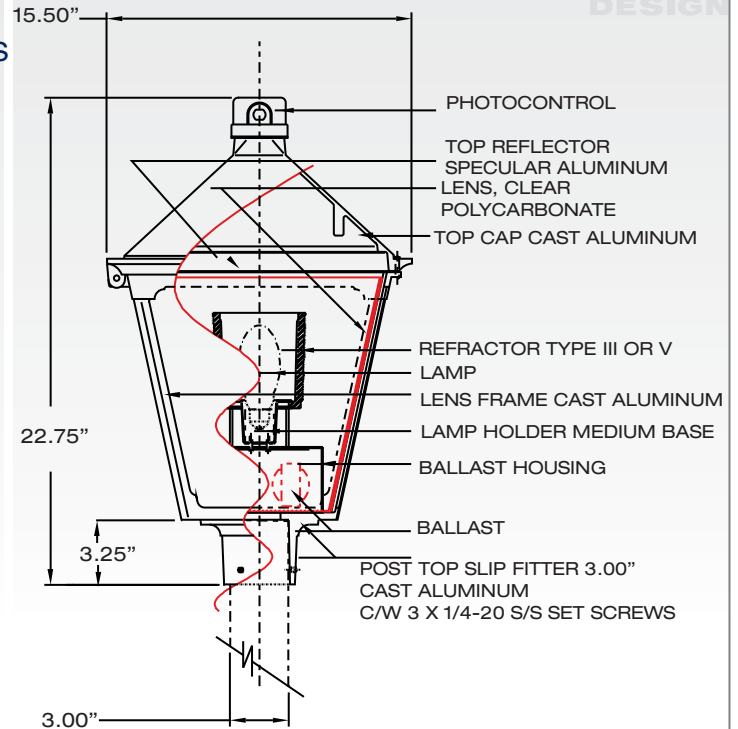
SUMMARY DATA

| | |
|------------------------------|-----------------|
| EFFICIENCY (Total): | 67.5 % |
| EFFICIENCY (Down / Up): | 33.8 % / 33.7 % |
| EFFICIENCY (Street / House): | 33.8 % / 33.8 % |
| LUMENS/LAMP: | 12000 |
| NO. OF LAMPS: | 1 |
| LUMINOUS OPENING: | RECTANGULAR |
| Width: | 0.36 (Meters) |
| Length: | 0.36 |
| Height: | 0.37 |
| INPUT WATTS: | 165 |

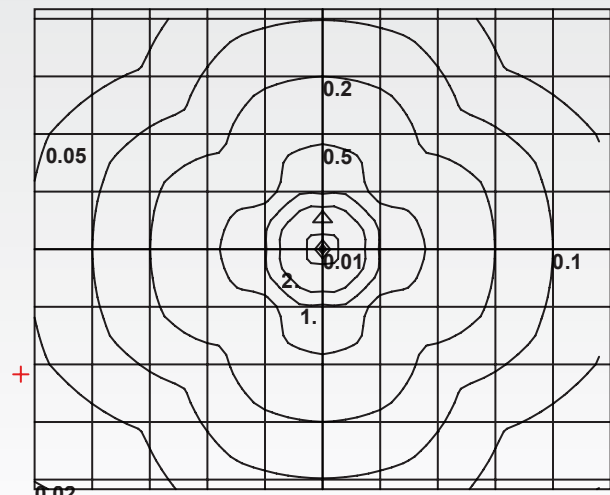
PLANE & CONE DIAGRAM



Dimensions



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 |

www.rabdesign.ca