



PROFILE 7 LARGE ROUND

The Profile 7 Series of down light, post top luminaires accurately delivers the required amount of illumination to the “working areas” of malls, parks, walkways, and parking lots. At the same time, its sharp cutoff design prevents uplight and glare from the lamp. The soft, glare-free night time glow provides the charm of gaslight, with the high visibility required for safety and security. The profile 7 Series has a wide range of mounting options to suite almost any requirement.

HOUSING Rugged seamless spun aluminum housing. Upper housing is supported by internal brackets. Gasketed top cover plate for convenient lamp replacement. Lens is a single piece injection molded, U.V. resistant acrylic.

REFLECTOR Spun aluminum with specular alzak finish. The P7 has a symmetrical distribution and is available with 45 or 90 degree cutoff.

BALLAST All ballasts are core and coil prewired to the customers requirements. Standard ballast is a 120/277/347 volts. Also available on certain wattages is a 120/208/240 CWI ballast. Available in 250 to 400 watts High Pressure Sodium and 250 to 400 watts Metal Halide.

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



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

LAMPS Lamps not included. Must be ordered separately.

MOUNTING Slip fits a 3” tenon. 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 and house side shield.



Catalog Code

P7R

250HPS 400HPS
250MH 400MH

LAMP

120 277 347
120CWI 208CWI 240CWI

VOLTAGE

AC - ACRYLIC

LENS

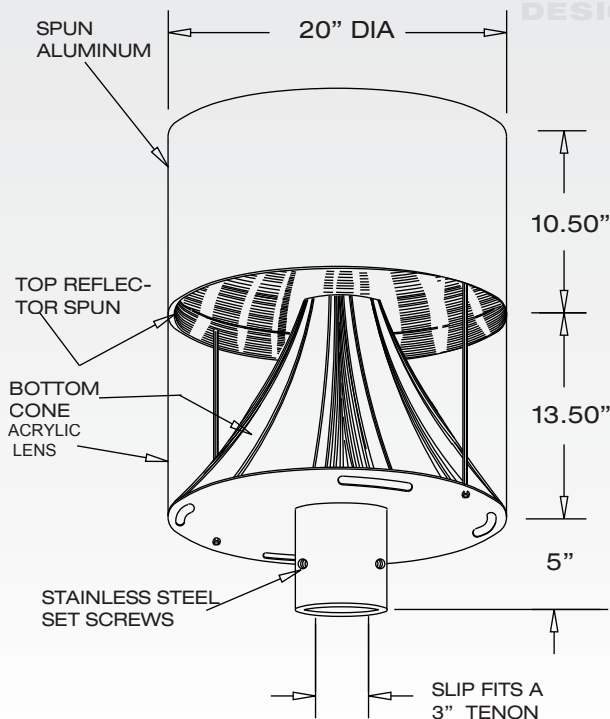
BRZ - BRONZE
BLK - BLACK
CC - CUSTOM FINISH

FINISH

PC - PHOTOCCELL
45HCO - 45° HOUSE SIDE
SHIELD
90HCO - 90° HOUSE SIDE
SHIELD

OPTIONS

Dimensions



CATALOG NUMBER:

FILENAME: P7R400HP.IES

TEST NO. 6305

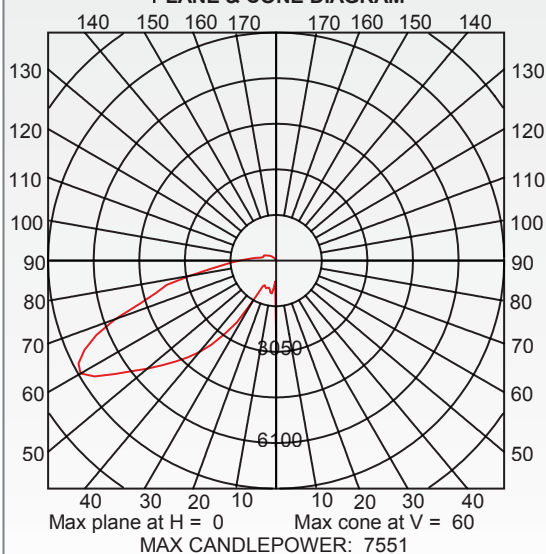
DESIGN ELECTRICAL OUTDOOR POST TOP LUMINAIRE CAT. NO. P7R400HPS120
WITH DIFFUSE TOP REFLECTOR, SEMI-SPECULAR CONE OPTICS AND CYLINDRICAL LENS
ONE 400W CLEAR HIGH PRESSURE SODIUM LAMP. LUMEN RATING = 50000 LMS.

DESIGN ELECTRICAL MANUFACTURING
TORONTO, ONTARIO

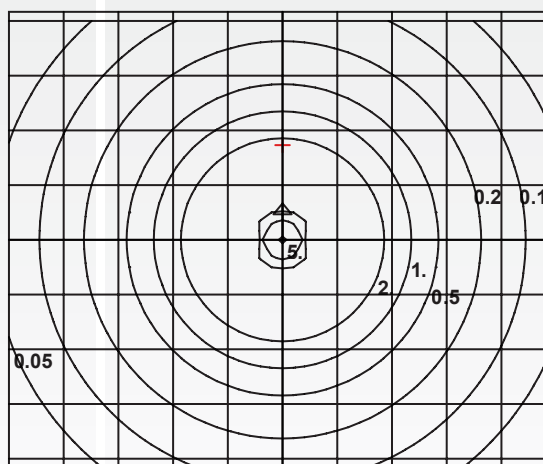
SUMMARY DATA

EFFICIENCY (Total):	56.3 %
EFFICIENCY (Down / Up):	51.7 % / 4.6 %
EFFICIENCY (Street / House):	28.1 % / 28.1 %
LUMENS/LAMP:	50000
NO. OF LAMPS:	1
LUMINOUS OPENING:	RECTANGULAR
Width:	0.00 (Feet)
Length:	0.00
Height:	0.00
INPUT WATTS:	0

PLANE & CONE DIAGRAM



ISO-ILLUMINANCE DIAGRAM (fc)



Mounting Height	Multiplier
10	4.000
15	1.778
20	1.000
25	0.640
30	0.444
35	0.327
40	0.250
45	0.198
50	0.160

+ = Point of max candela

Mounting Height = 20 Feet. Each box represents one mounting height.

1208

www.rabdesign.ca