

Baymaster™ Prismatic 250/400 High Bay Luminaires

150 W, 250 W, 400 W HPS.

NEC/CEC:

Listed for Ordinary (Unclassified) Locations

Electrical Specifications – High Pressure Sodium – All ballasts are C.W.A. type, except 150 W HPS which is HX-Auto

• Ballast has primary taps for 120, 208, 240 and 277 Volts.

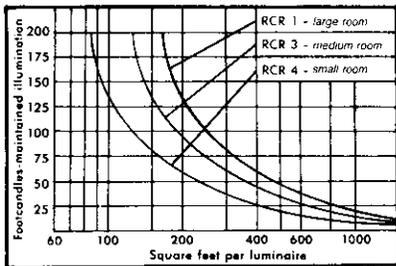
Line Volts	150 Watt			250 Watt			400 Watt		
	Start	Operating	Total Watts	Start	Operating	Total Watts	Start	Operating	Total Watts
120	2.00	1.70	188	2.00	2.50	295	3.30	3.80	465
208	1.15	0.95	188	1.20	1.50	295	1.80	2.20	465
240	1.00	0.85	188	1.00	1.30	295	1.60	1.90	465
277	0.85	0.72	188	0.85	1.10	295	1.40	1.70	465
347 ②	0.52	0.56	188	0.60	0.93	295	1.00	1.32	465
480	0.50	0.47	189	0.40	0.65	295	0.80	1.00	465

Quick Estimate Illumination Charts ①

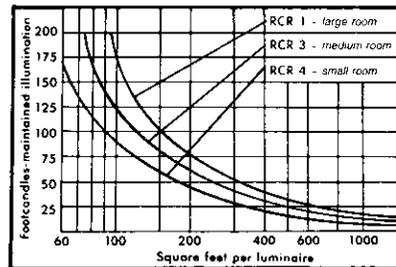
How to use Quick-Estimate Illumination Chart

1. Refer to “Quick-Estimate Illumination Chart” for the lamp type and wattage to be used.
2. Determine “room size” of area to be lighted. “Small Room” is 232.2 m² (2500 ft²) or less. “Medium Room” is 232.2 m² (2500 ft²) thru 929.0 m² (10,000 ft²). A “Large Room” is 929.0 m² (10,000 ft²) or more.
3. Find level of light (footcandles) required in vertical column of figures at left of chart. Then follow horizontal line (real or interpolated) to right until it intersects with “Arc” of selected “room size.” Come directly down from point of intersection to horizontal line of number “Square Feet Per Luminaire.” The resulting number (real or interpolated) is the “number of square feet” one Appleton Baymaster will illuminate to the selected average maintained footcandle level when mounted in conjunction with other units in the high bay installation.
4. Divide number of total square feet in project by “number of square feet per luminaire” to get number of units required.
5. Take square root of resulting “number of square feet per luminaire” number to determine spacing between units.

400 Watt High Pressure Sodium



250 Watt High Pressure Sodium



① Photometric charts available on request.

② Certified to meet the Canadian Electrical Code (CEC) only.