



P.L. LIGHT SYSTEMS

THE LIGHTING KNOWLEDGE COMPANY

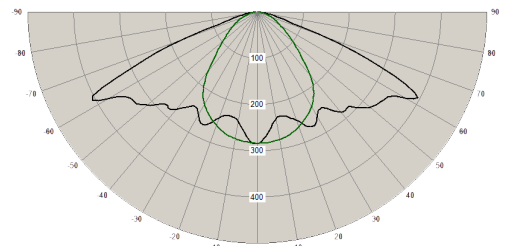
T: 905.563.4133

Toll Free: 1.800.263.0213

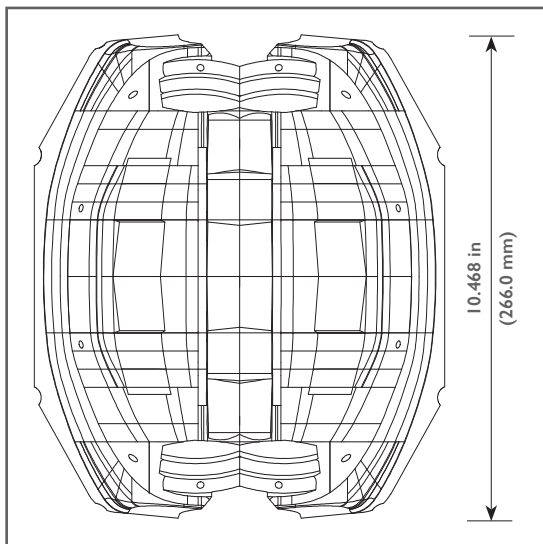
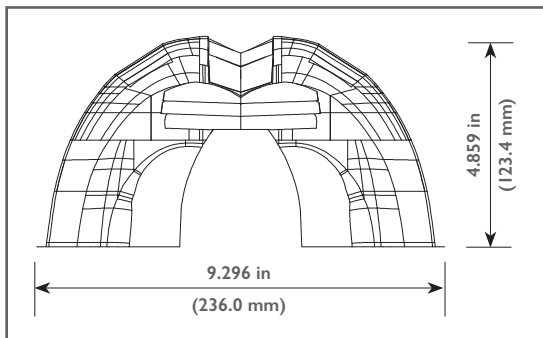
F: 905.563.0445

www.pllight.com

BETA Reflector

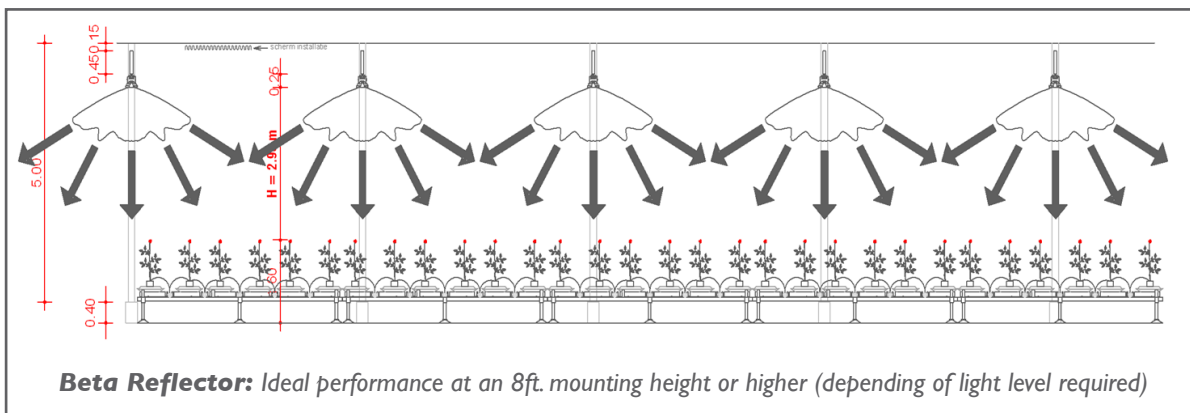


1,000 Watt
Efficiency 93.5%



KEY FEATURES & BENEFITS:

- Designed for optimum performance across multiple applications.
- More focused illumination field for deeper penetration of light into crop.
- Highly polished, miro surface material helps to provide a diffused light pattern.
- Surface of the reflector is corrosion resistant and guarantees a low sensitivity to pollution.
- Specially designed mounting collar provides enhanced durability and ease of maintenance.



1 lux = **0.0929 fc**

1 fc = 10,76391 lux

1,000 lux = 13.0 $\mu\text{mol}/\text{mol}^{2\cdot\text{s}}$ (only for HPS Lighting)

	lux min	lux max	fc min	fc max	$\mu\text{mol}/\text{mol}^{2\cdot\text{s}}$ min	$\mu\text{mol}/\text{mol}^{2\cdot\text{s}}$ max
CUT FLOWERS						
FRESIA	7,000	8,000	650	745	91	104
ALSTROMERIA	5,000	6,000	465	560	65	78
ROSE	12,000	16,000	1,115	1,490	156	208
CUT CHRYSANTHEMUM	8,000	10,000	745	930	104	130
GERBERA	7,000	9,000	650	840	91	117
LILIES	6,000	8,000	560	745	78	104
POTTED PLANTS						
ROSE	6,000	8,000	560	745	78	104
CHRYSANTHEMUM	4,500	5,500	420	510	59	72
KALANCHOË	4,500	5,500	420	510	59	72
BEGONIA	4,500	5,500	420	510	59	72
CYCLAMEN	4,500	5,500	420	510	59	72
ORCHIDS	5,000	8,000	465	745	65	104
NURSERY STOCK						
BEDDING PLANTS	4,500	6,000	420	560	59	78
PLUGS	4,500	6,000	420	560	59	78
LETTUCE	4,000	5,000	375	465	52	65
TOMATOES	11,000	13,000	1,020	1,210	143	169
CUCUMBERS	12,000	15,000	1,115	1,400	156	195