

Luminaire Photometric Report

Filename: SLL006-3D46-TPW-004-10/30V

Manufacturer: LEDTRONICS -

Luminaire: WITH CLEAR LENS, 12VDC, 27W [10-30VDC]

Luminaire Cat: SLL006-3D46-TPW-004-10/30V

Lamp: . LUMEN RATING: 1847.8Lms.

Lamp Output: 1 lamp(s), rated lamp lumens: 1847.8

Max Candela: 963.0 at Horizontal: 80, Vertical: 57.5

Luminous Opening: Point

Test: 4-27-09

Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	87.6%	1,618.4	n/a	131.3
Beam (50%):	46.8%	865.7	146.9	62.7
Total:	92.5%	1,709.8		

Roadway Summary

Cutoff Classification: NON-CUTOFF

Distribution: TYPE II, SHORT

Max Cd, 90 Deg Vert: 120.0

Max Cd, 80 to <90 Deg: 325.0

	Lumens	% Lamp
Downward Street Side:	1,201.3	65%
Downward House Side:	513.5	27.8%
Downward Total:	1,714.8	92.8%
Upward Street Side:	64.9	3.5%
Upward House Side:	68.1	3.7%
Upward Total:	133.0	7.2%
Total Lumens:	1,847.8	100%

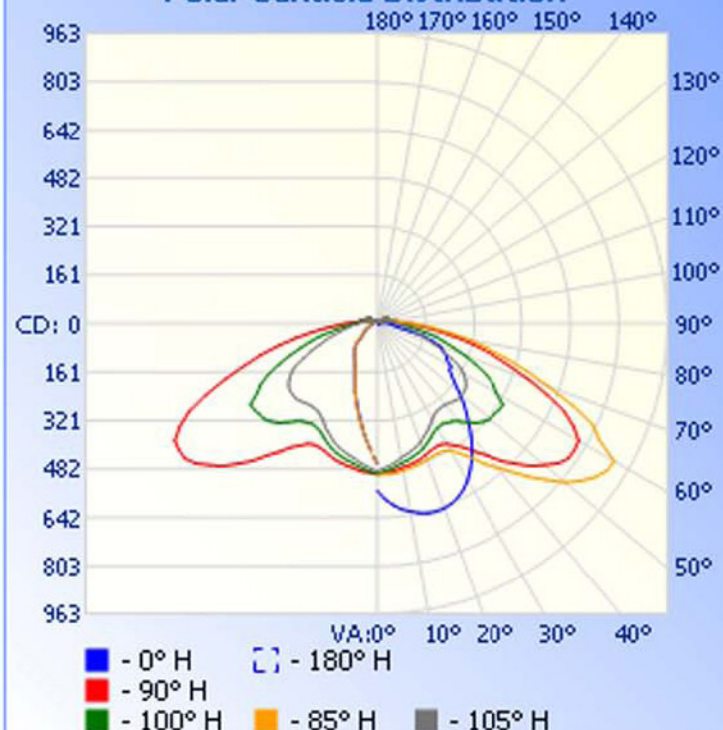
Illuminance at a Distance

Center Beam FC Beam Width

4.0ft	34.50 fc	4.9ft	26.9ft
8.0ft	8.63 fc	9.7ft	53.8ft
12.0ft	3.83 fc	14.6ft	80.8ft
16.0ft	2.16 fc	19.5ft	107.7ft
20.0ft	1.38 fc	24.4ft	134.6ft
24.0ft	0.96 fc	29.2ft	161.5ft

■ Vert. Spread: 62.7° ■ Horiz. Spread: 146.9°

Polar Candela Distribution



Isofootcandle Plot

