



Filename: fcl HPS 1000

Manufacturer: STANPRO LIGHTING SYSTEMS INC.

Luminaire: FLOOD ACE PLUS FLOODLIGHT LUMINAIRE WITH CAST ALUMINUM HOUSING, SEMI-SPECULAR FORMED ALUMINUM REFLECTOR, CLEAR GLASS ENCLOSURE

Luminaire Cat: FCL-S1000-X

Lamp: ONE 1000 WATTS E25 CLEAR HPS RATED AT 140000 LUMENS

Lamp Cat: LU1000

Lamp Output: 1 lamp(s), rated Lumens/lamp: 140000

Max Candela: 63,479.0 at Horizontal: 0°, Vertical: 35°

Input Wattage: 1000

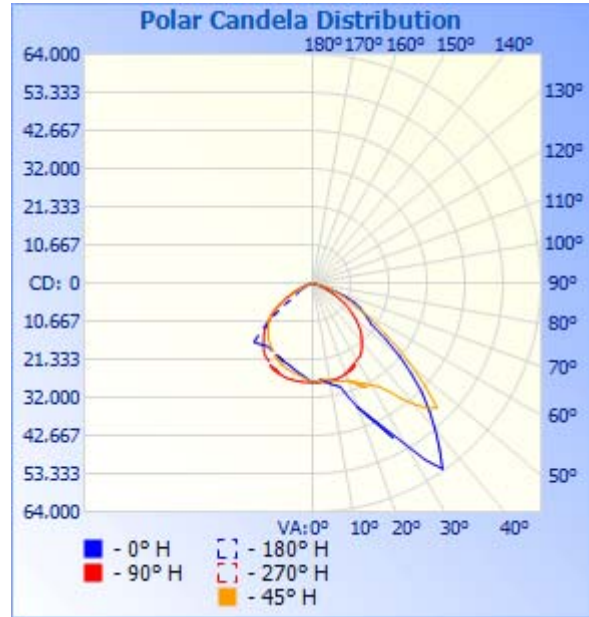
Luminous Opening: Rectangle (L: 1.3ft, W: 1.6ft)

Test: LTL NUMBER: 03837 FILENAME: FCLS00.IES

Photometry : Type B

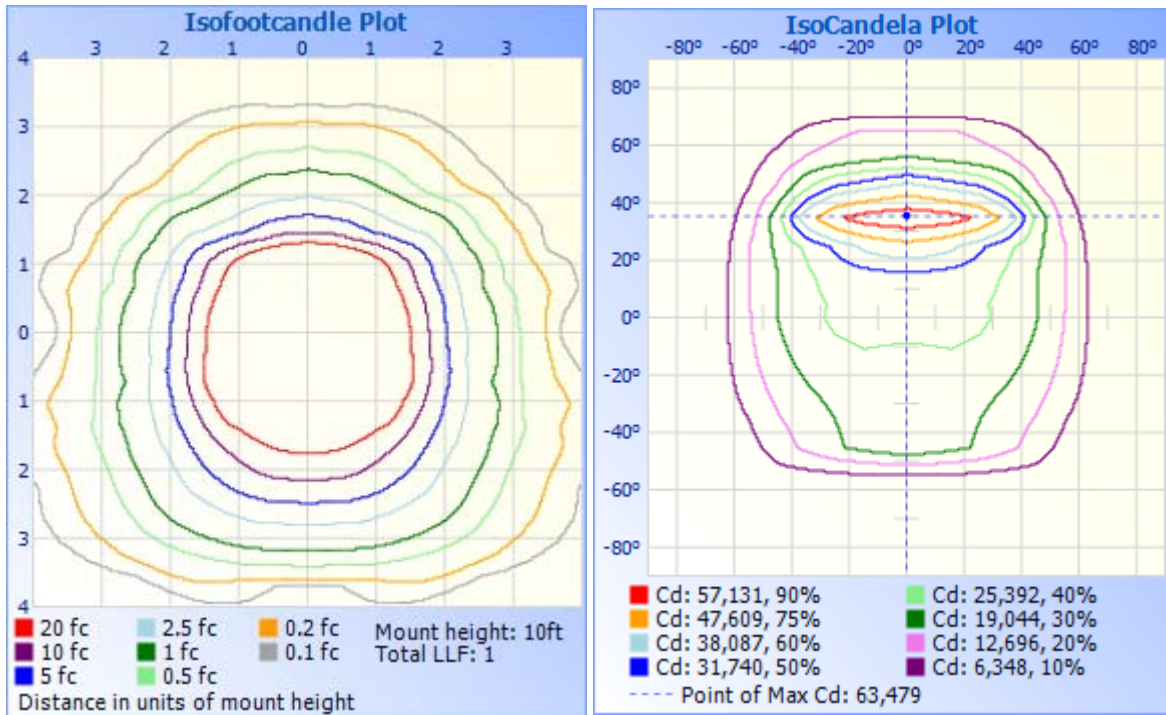
CIE Class: Direct

Cutoff Class: Cutoff



Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	58.8%	82,306.0	119.6	124.9
Beam (50%):	17.2%	24,095.3	81.7	33.7
Total:	61.3%	85,815.9		



Illuminance at a Distance

	Center Beam FC	Beam Width	
8.3ft	401.21 fc	5.1ft	14.4ft
16.7ft	100.30 fc	10.1ft	28.8ft
25.0ft	44.58 fc	15.2ft	43.2ft
33.3ft	25.08 fc	20.2ft	57.7ft
41.7ft	16.05 fc	25.3ft	72.1ft
50.0ft	11.14 fc	30.3ft	86.5ft

■ Vert. Spread: 33.7° ■ Horiz. Spread: 81.7°

Axial Candela - Type B

Horizontal	Candela	Vertical	Candela
90	0	90	0
85	157	85	12
75	448	75	391
65	4748	65	13223
55	12396	55	20056
45	19134	45	43359
35	23757	35	63479
25	26491	25	43827
15	27578	15	30009
5	27786	5	27142
0	27862	0	27862
-5	27786	-5	26245
-15	27578	-15	23984
-25	26491	-25	22747
-35	23757	-35	21623
-45	19134	-45	23227
-55	12396	-55	5620
-65	4748	-65	2336
-75	448	-75	50
-85	157	-85	12
-90	0	-90	0

Luminaire Report Summary

[TEST] LTL NUMBER: 03837 FILENAME: FCLS00.IES
[MANUFAC] STANPRO LIGHTING SYSTEMS INC.
[LUMCAT] FCL-S1000-X
[LUMINAIRE] FLOOD ACE PLUS FLOODLIGHT LUMINAIRE WITH CAST ALUMINUM HOUSING,
SEMI-SPECULAR FORMED ALUMINUM REFLECTOR, CLEAR GLASS ENCLOSURE
[LAMPCAT] LU1000
[LAMP] ONE 1000 WATTS E25 CLEAR HPS RATED AT 140000 LUMENS
FILE: CANDELA MULTIPLIER: 1
FILE: VERTICAL ANGLES: 21, HORIZONTAL ANGLES: 11
FILE: COORDINATE SYSTEM: TYPE B
FILE: UNIT OF MEASURE: STANDARD
FILE: BALLAST FACTOR: 1

Photometrics Pro 1.3.4 copyright 2003-2009 by jSolutions, Inc.
Reported data calculated from manufacturer's data file, based on IES recommended methods.