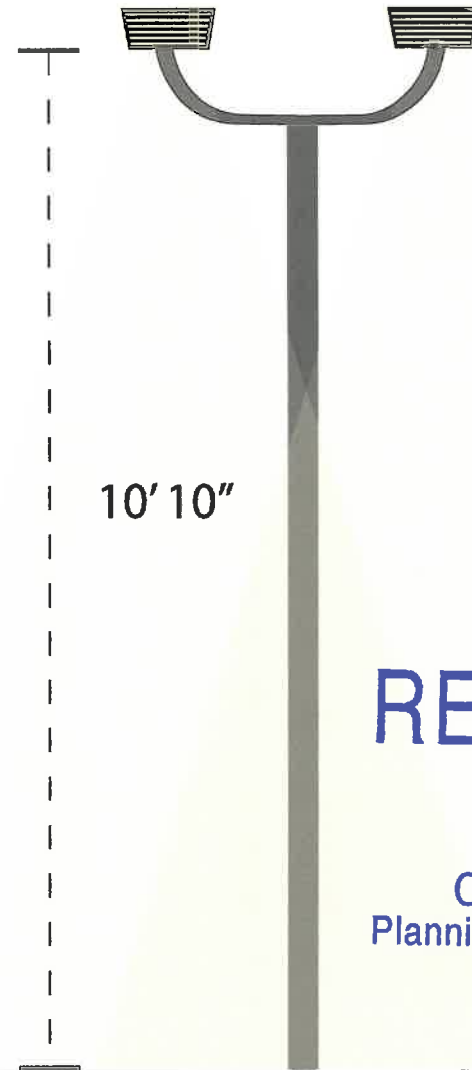
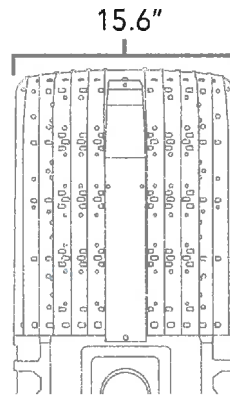
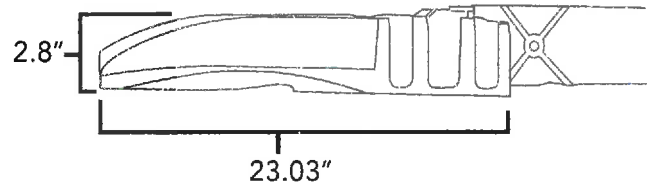


LIGHT FIXTURE ELEVATION

720 Calle Real, Goleta, CA 93117



(1) DUAL
4" STEEL POST
SET IN GROUND

SKU	GT-S-G07-100WCT3A1-BRAM40; GT-S-G07-100WCT3A1-BRAM57
Certification	UL, DLC
Watts	100W
Lumens	140 lm/w
Color	4000K
Lumens Output	14000 Lumens
CRI	>70
Distribution	Type III

RECEIVED

OCT 14 2019

City of Goleta
Planning & Environmental
Review

VISUAL IMAGE DESIGN

P.O. Box 60433
Santa Barbara, CA 93160

Ph: 805-448-8496 • Fax: 805-964-4605

This design is an exclusive property of Visual Image Design
It may NOT be reproduced, copied, exhibited or utilized
for any purpose, in part or whole by any individual
inside or outside without written consent of Visual Image Design

BUSINESS NAME:

A.P.N#:

ADDRESS: 720 Calle Real, Goleta, CA 93117

MATERIALS USED:

DRAWING SCALE:

1/2" = 1'

PAGE 1

LIGHT FIXTURE ELEVATION

720 Calle Real, Goleta, CA 93117



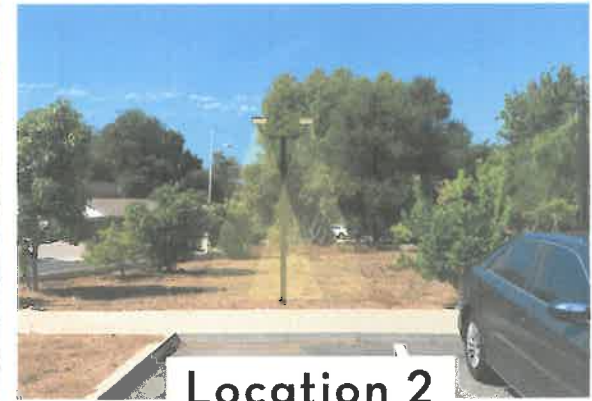
Location 1



Location 1



Location 3



Location 2

VISUAL IMAGE DESIGN

P.O. Box 60433
Santa Barbara, CA 93160

Ph: 805-448-8496 • Fax: 805-964-4605

This design is an exclusive property of Visual Image Design
It may NOT be reproduced, copied, exhibited or utilized
for any purpose, in part or whole by any individual
inside or outside without written consent of Visual Image Design

BUSINESS NAME:

A.P.N#:

ADDRESS: 720 Calle Real, Goleta, CA 93117

MATERIALS USED:

DRAWING SCALE:

pg. 2

LIGHT FIXTURE SITE PLAN

720 Calle Real, Goleta, CA 93117



VISUAL IMAGE DESIGN

P.O. Box 60433
Santa Barbara, CA 93160

Ph: 805-448-8496 • Fax: 805-964-4605

This design is an exclusive property of Visual Image Design
It may NOT be reproduced, copied, exhibited or utilized
for any purpose, in part or whole by any individual
inside or outside without written consent of Visual Image Design

BUSINESS NAME:

A.P.N#:

ADDRESS: 720 Calle Real, Goleta, CA 93117

MATERIALS USED:

DRAWING SCALE:

1/4" = 1'

PAGE 3

Report No.:

Test Time: 2018-1-29 21:29

Luminaire Property

Luminaire Manufacturer:

Voltage: 119.7 V

Power: 100.99 W

Current: 0.8529 A

Power Factor: 0.9977

Photometric Results

IES Classification: Type III

Total Rated Lamp Lumens: 12784.1 lm

Efficiency: 100%

Upward Ratio: 0%

Central Intensity: 3070.6 cd

Pos of Max. Intensity: H157.5 V73

Longitudinal Classification: Medium

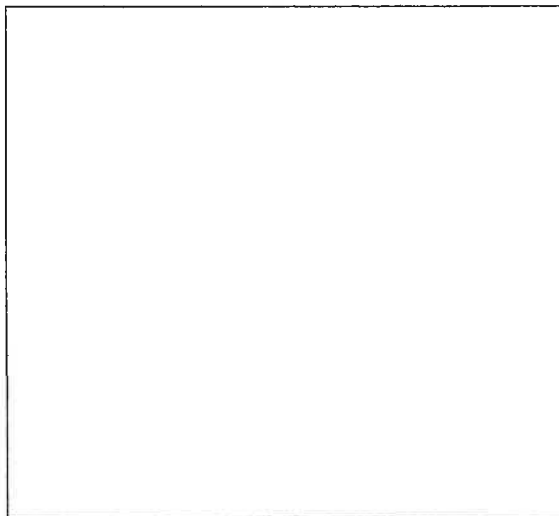
Measurement Flux: 12784.1 lm

Downward Ratio: 100%

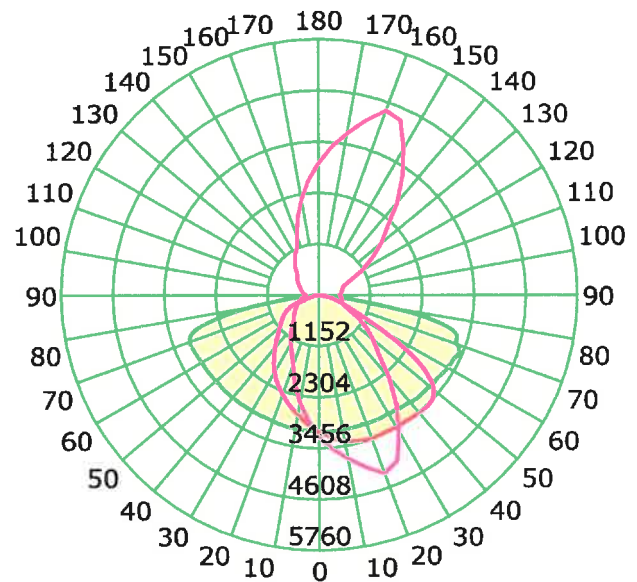
Luminaire Efficacy Rating (LER): 126.59

Max. Intensity: 4608.71 cd

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

Average Diffuse Angle(50%): 127.7°

— C0-C180 — C90-C270 — G73

RECEIVED

OCT 14 2019

**City of Goleta
Planning & Environmental
Review**

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 16.1 °C

Operator:

Gamma Plane (°):0.0-180.0:1.0

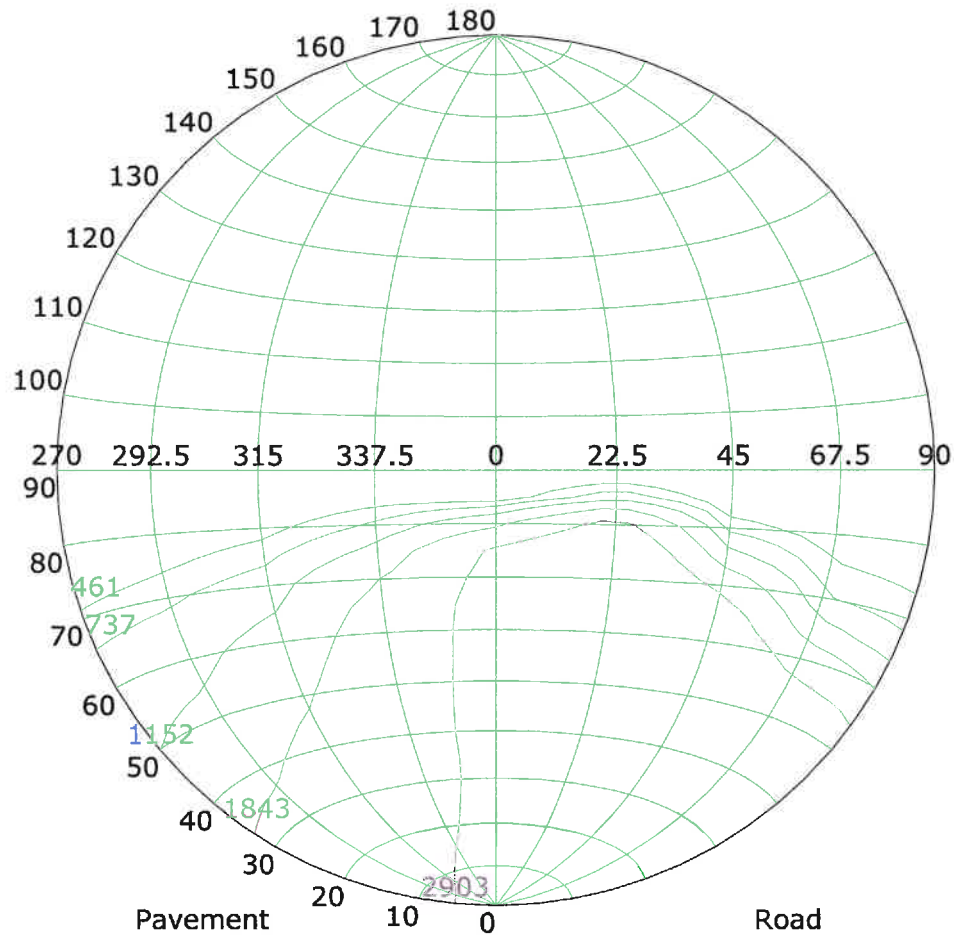
Test Device: GPM-3000

Distance: 17.398 m

Humidity:

Inspector:

Isocandela (sphere)



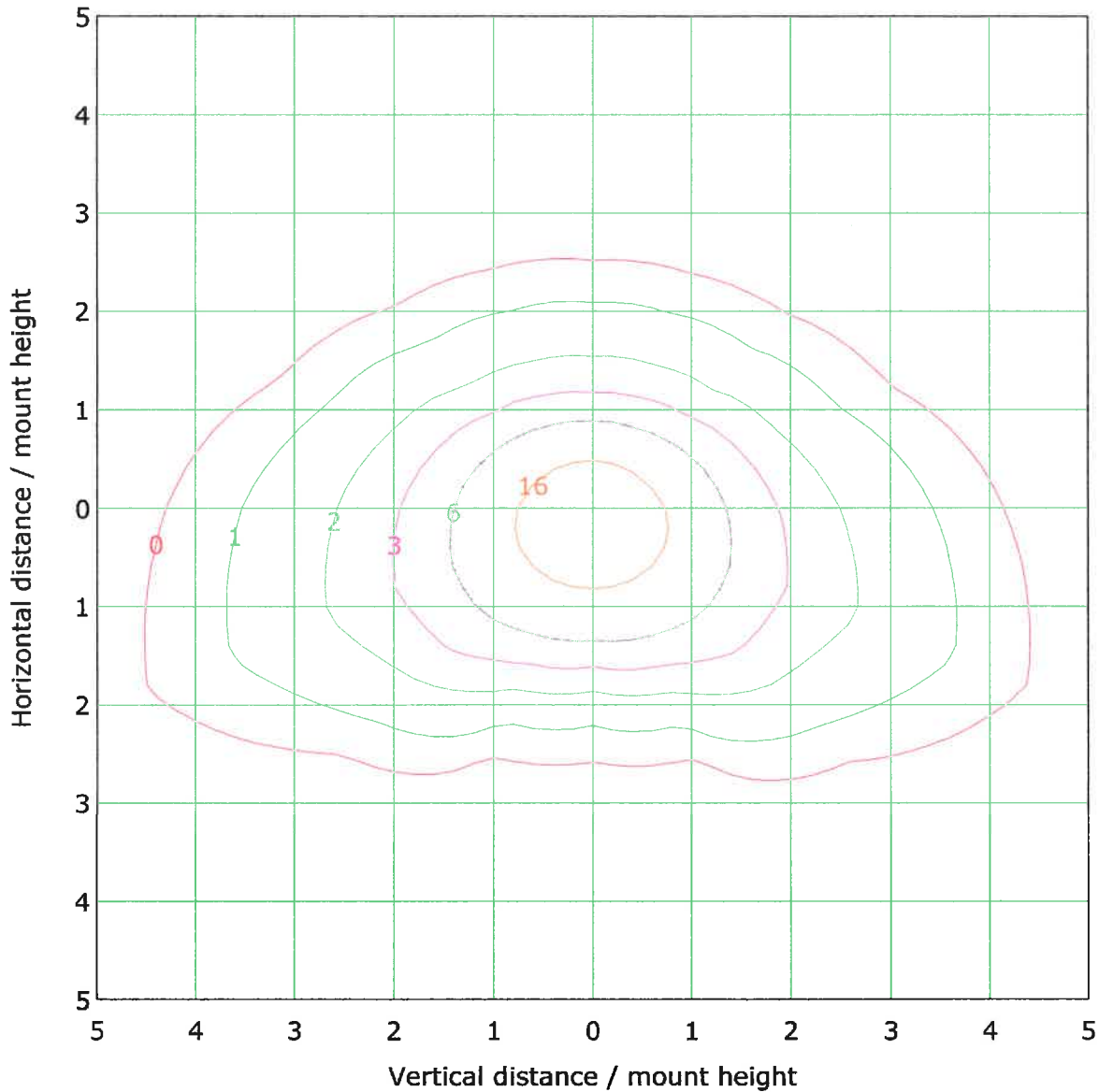
Imax (100%): 4609 cd

(10%): 461 cd	(16%): 737 cd
(25%): 1152 cd	(40%): 1843 cd
(63%): 2903 cd	(100%): 4609 cd

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 16.1 'C
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-3000
Distance: 17.398 m
Humidity:
Inspector:

IsoLux Plot



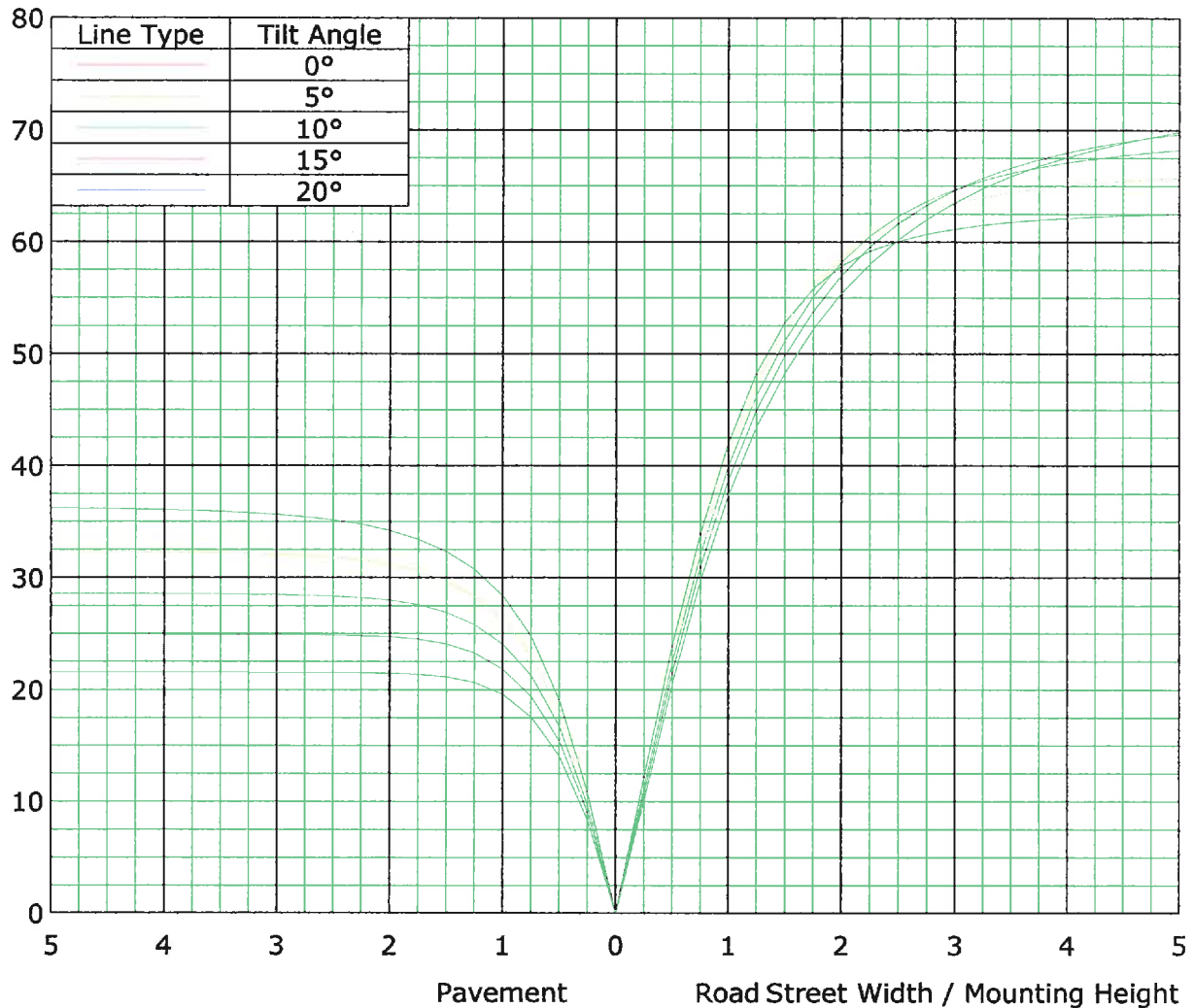
Mounting Height: 10.0m Max Lux(100%): 32.0 lx	
(1%): 0.3 lx	(2%): 0.6 lx
(5%): 1.6 lx	(10%): 3.2 lx
(20%): 6.4 lx	(50%): 16.0 lx
(100%): 32.0 lx	

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 16.1 'C
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-3000
Distance: 17.398 m
Humidity:
Inspector:

Roadway CU Curve

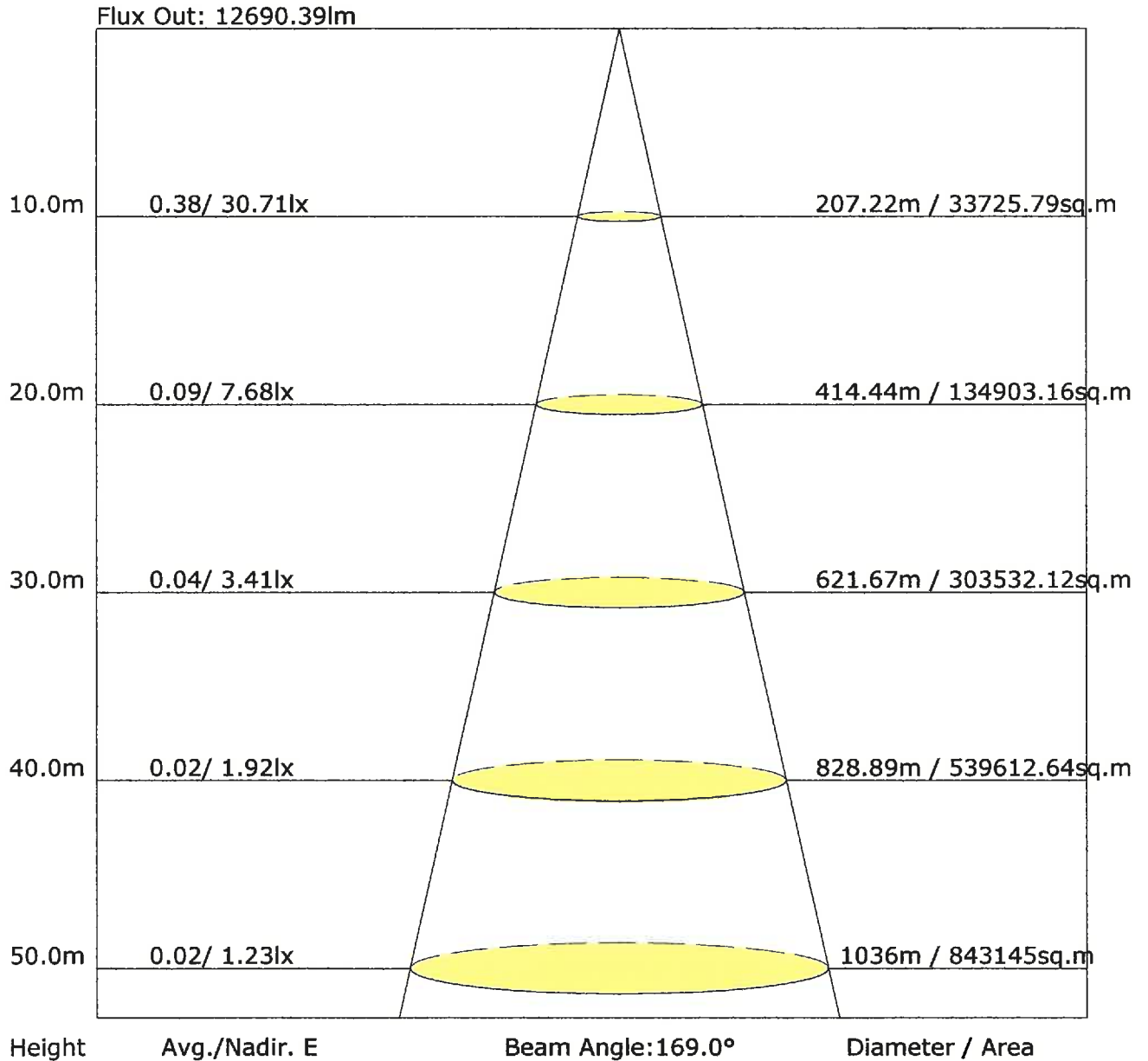
Efficiency(%)



C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 16.1 °C
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-3000
Distance: 17.398 m
Humidity:
Inspector:

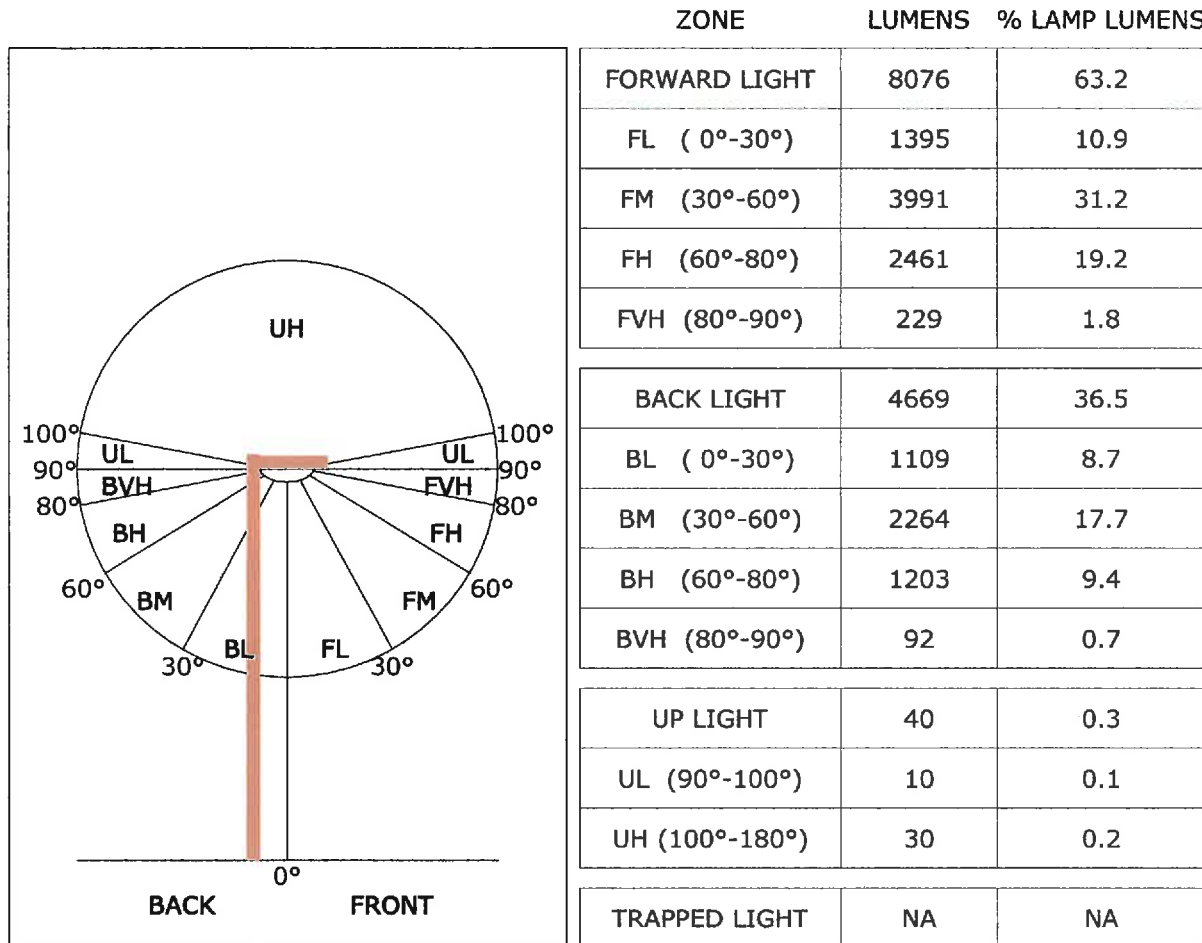
The Average Illuminance Effective Figure



C Plane (°): 0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 16.1 °C
Operator:

Gamma Plane (°): 0.0-180.0: 1.0
Test Device: GPM-3000
Distance: 17.398 m
Humidity:
Inspector:

FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM



BUG(Backlight,Uplight,Glare) Rating Base On TM-15-07	
Asymmetrical Luminaire Types (Type I,II,III,IV)	B3 U5 G3
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B3 U5 G2

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 16.1 'C
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-3000
Distance: 17.398 m
Humidity:
Inspector:

Zonal Lumen

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	3070.6	2.9	2.9	0.02	0.02
1.0-2.0	3070.4	8.8	11.8	0.07	0.09
2.0-3.0	3069.9	14.7	26.4	0.11	0.21
3.0-4.0	3069.2	20.5	47.0	0.16	0.37
4.0-5.0	3068.3	26.4	73.4	0.21	0.57
5.0-6.0	3066.9	32.2	105.6	0.25	0.83
6.0-7.0	3064.7	38.0	143.7	0.30	1.12
7.0-8.0	3061.9	43.8	187.5	0.34	1.47
8.0-9.0	3058.7	49.6	237.1	0.39	1.85
9.0-10.0	3054.8	55.3	292.4	0.43	2.29
10.0-11.0	3050.2	61.0	353.3	0.48	2.76
11.0-12.0	3045.0	66.6	419.9	0.52	3.28
12.0-13.0	3038.9	72.1	492.0	0.56	3.85
13.0-14.0	3032.3	77.6	569.6	0.61	4.46
14.0-15.0	3025.5	83.1	652.7	0.65	5.11
15.0-16.0	3018.0	88.4	741.2	0.69	5.80
16.0-17.0	3009.6	93.7	834.9	0.73	6.53
17.0-18.0	3001.1	99.0	933.9	0.77	7.30
18.0-19.0	2992.7	104.1	1038.0	0.81	8.12
19.0-20.0	2984.3	109.2	1147.2	0.85	8.97
20.0-21.0	2975.8	114.3	1261.5	0.89	9.87
21.0-22.0	2966.8	119.2	1380.8	0.93	10.80
22.0-23.0	2957.9	124.1	1504.9	0.97	11.77
23.0-24.0	2948.8	128.9	1633.8	1.01	12.78
24.0-25.0	2939.7	133.7	1767.5	1.05	13.83
25.0-26.0	2930.8	138.4	1905.9	1.08	14.91
26.0-27.0	2921.5	142.9	2048.8	1.12	16.03
27.0-28.0	2911.8	147.4	2196.3	1.15	17.18
28.0-29.0	2901.6	151.8	2348.1	1.19	18.37
29.0-30.0	2892.0	156.2	2504.3	1.22	19.59
30.0-31.0	2883.5	160.5	2664.7	1.26	20.84
31.0-32.0	2874.9	164.7	2829.5	1.29	22.13
32.0-33.0	2866.3	168.9	2998.4	1.32	23.45
33.0-34.0	2857.6	173.0	3171.3	1.35	24.81
34.0-35.0	2848.5	176.9	3348.2	1.38	26.19
35.0-36.0	2840.1	180.9	3529.1	1.41	27.61

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 16.1 °C

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-3000

Distance: 17.398 m

Humidity:

Inspector:

Zonal Lumen (Continue 1)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
36.0-37.0	2832.3	184.7	3713.8	1.45	29.05
37.0-38.0	2824.2	188.5	3902.4	1.47	30.53
38.0-39.0	2816.0	192.2	4094.6	1.50	32.03
39.0-40.0	2807.9	195.9	4290.5	1.53	33.56
40.0-41.0	2799.8	199.4	4489.9	1.56	35.12
41.0-42.0	2791.9	202.9	4692.7	1.59	36.71
42.0-43.0	2783.6	206.2	4899.0	1.61	38.32
43.0-44.0	2774.9	209.5	5108.4	1.64	39.96
44.0-45.0	2766.0	212.6	5321.0	1.66	41.62
45.0-46.0	2757.0	215.6	5536.7	1.69	43.31
46.0-47.0	2747.4	218.5	5755.2	1.71	45.02
47.0-48.0	2736.8	221.3	5976.5	1.73	46.75
48.0-49.0	2726.4	223.9	6200.4	1.75	48.50
49.0-50.0	2716.3	226.5	6426.9	1.77	50.27
50.0-51.0	2704.5	228.8	6655.8	1.79	52.06
51.0-52.0	2690.2	230.9	6886.7	1.81	53.87
52.0-53.0	2673.3	232.6	7119.2	1.82	55.69
53.0-54.0	2653.8	233.9	7353.2	1.83	57.52
54.0-55.0	2631.3	234.9	7588.1	1.84	59.36
55.0-56.0	2605.0	235.4	7823.5	1.84	61.20
56.0-57.0	2574.8	235.5	8059.0	1.84	63.04
57.0-58.0	2539.0	234.8	8293.8	1.84	64.88
58.0-59.0	2498.1	233.6	8527.4	1.83	66.70
59.0-60.0	2453.6	231.8	8759.2	1.81	68.52
60.0-61.0	2406.5	229.7	8988.9	1.80	70.31
61.0-62.0	2355.3	227.0	9215.9	1.78	72.09
62.0-63.0	2302.1	223.9	9439.8	1.75	73.84
63.0-64.0	2249.1	220.7	9660.5	1.73	75.57
64.0-65.0	2194.4	217.2	9877.7	1.70	77.27
65.0-66.0	2139.6	213.5	10091.2	1.67	78.94
66.0-67.0	2086.1	209.8	10301.0	1.64	80.58
67.0-68.0	2032.2	205.9	10506.9	1.61	82.19
68.0-69.0	1976.0	201.6	10708.5	1.58	83.76
69.0-70.0	1914.2	196.6	10905.1	1.54	85.30
70.0-71.0	1841.2	190.3	11095.4	1.49	86.79
71.0-72.0	1762.4	183.3	11278.7	1.43	88.22

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 16.1 'C

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-3000

Distance: 17.398 m

Humidity:

Inspector:

Zonal Lumen (Continue 2)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
72.0-73.0	1686.3	176.4	11455.1	1.38	89.60
73.0-74.0	1608.5	169.1	11624.2	1.32	90.93
74.0-75.0	1522.2	160.9	11785.1	1.26	92.19
75.0-76.0	1424.9	151.3	11936.3	1.18	93.37
76.0-77.0	1318.0	140.5	12076.9	1.10	94.47
77.0-78.0	1204.7	129.0	12205.9	1.01	95.48
78.0-79.0	1078.8	115.9	12321.8	0.91	96.38
79.0-80.0	942.1	101.6	12423.4	0.79	97.18
80.0-81.0	797.2	86.2	12509.6	0.67	97.85
81.0-82.0	646.2	70.1	12579.7	0.55	98.40
82.0-83.0	502.4	54.6	12634.3	0.43	98.83
83.0-84.0	372.9	40.6	12674.9	0.32	99.15
84.0-85.0	264.3	28.9	12703.8	0.23	99.37
85.0-86.0	174.8	19.1	12722.9	0.15	99.52
86.0-87.0	102.8	11.2	12734.1	0.09	99.61
87.0-88.0	53.3	5.8	12740.0	0.05	99.65
88.0-89.0	25.3	2.8	12742.8	0.02	99.68
89.0-90.0	13.8	1.5	12744.3	0.01	99.69
90.0-91.0	10.9	1.2	12745.5	0.01	99.70
91.0-92.0	10.2	1.1	12746.6	0.01	99.71
92.0-93.0	9.7	1.1	12747.6	0.01	99.71
93.0-94.0	9.1	1.0	12748.6	0.01	99.72
94.0-95.0	8.8	1.0	12749.6	0.01	99.73
95.0-96.0	8.6	0.9	12750.5	0.01	99.74
96.0-97.0	8.4	0.9	12751.4	0.01	99.74
97.0-98.0	8.2	0.9	12752.3	0.01	99.75
98.0-99.0	8.1	0.9	12753.2	0.01	99.76
99.0-100.0	8.0	0.9	12754.1	0.01	99.76
100.0-101.0	7.8	0.8	12754.9	0.01	99.77
101.0-102.0	7.6	0.8	12755.7	0.01	99.78
102.0-103.0	7.5	0.8	12756.5	0.01	99.78
103.0-104.0	7.3	0.8	12757.3	0.01	99.79
104.0-105.0	7.2	0.8	12758.1	0.01	99.80
105.0-106.0	7.3	0.8	12758.9	0.01	99.80
106.0-107.0	7.1	0.8	12759.6	0.01	99.81
107.0-108.0	7.0	0.7	12760.3	0.01	99.81

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 16.1 'C

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-3000

Distance: 17.398 m

Humidity:

Inspector:

Zonal Lumen (Continue 3)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
108.0-109.0	6.8	0.7	12761.0	0.01	99.82
109.0-110.0	6.7	0.7	12761.7	0.01	99.82
110.0-111.0	6.7	0.7	12762.4	0.01	99.83
111.0-112.0	6.7	0.7	12763.1	0.01	99.84
112.0-113.0	6.6	0.7	12763.8	0.01	99.84
113.0-114.0	6.5	0.7	12764.4	0.01	99.85
114.0-115.0	6.4	0.6	12765.1	0.01	99.85
115.0-116.0	6.2	0.6	12765.7	0.00	99.86
116.0-117.0	6.1	0.6	12766.3	0.00	99.86
117.0-118.0	6.0	0.6	12766.9	0.00	99.87
118.0-119.0	5.9	0.6	12767.4	0.00	99.87
119.0-120.0	5.9	0.6	12768.0	0.00	99.87
120.0-121.0	5.9	0.6	12768.6	0.00	99.88
121.0-122.0	5.6	0.5	12769.1	0.00	99.88
122.0-123.0	5.5	0.5	12769.6	0.00	99.89
123.0-124.0	5.5	0.5	12770.1	0.00	99.89
124.0-125.0	5.5	0.5	12770.6	0.00	99.89
125.0-126.0	5.3	0.5	12771.1	0.00	99.90
126.0-127.0	5.2	0.5	12771.5	0.00	99.90
127.0-128.0	5.2	0.5	12772.0	0.00	99.90
128.0-129.0	5.1	0.4	12772.4	0.00	99.91
129.0-130.0	5.0	0.4	12772.8	0.00	99.91
130.0-131.0	5.1	0.4	12773.3	0.00	99.91
131.0-132.0	5.0	0.4	12773.7	0.00	99.92
132.0-133.0	4.9	0.4	12774.1	0.00	99.92
133.0-134.0	5.0	0.4	12774.5	0.00	99.92
134.0-135.0	4.9	0.4	12774.9	0.00	99.93
135.0-136.0	4.7	0.4	12775.2	0.00	99.93
136.0-137.0	4.8	0.4	12775.6	0.00	99.93
137.0-138.0	4.8	0.4	12775.9	0.00	99.94
138.0-139.0	4.7	0.3	12776.3	0.00	99.94
139.0-140.0	4.7	0.3	12776.6	0.00	99.94
140.0-141.0	4.6	0.3	12776.9	0.00	99.94
141.0-142.0	4.7	0.3	12777.3	0.00	99.95
142.0-143.0	4.9	0.3	12777.6	0.00	99.95
143.0-144.0	5.1	0.3	12777.9	0.00	99.95

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 16.1 °C

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-3000

Distance: 17.398 m

Humidity:

Inspector:

Zonal Lumen (Continue 4)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
144.0-145.0	5.0	0.3	12778.2	0.00	99.95
145.0-146.0	5.0	0.3	12778.5	0.00	99.96
146.0-147.0	5.0	0.3	12778.8	0.00	99.96
147.0-148.0	5.1	0.3	12779.1	0.00	99.96
148.0-149.0	5.1	0.3	12779.4	0.00	99.96
149.0-150.0	5.1	0.3	12779.7	0.00	99.97
150.0-151.0	5.1	0.3	12780.0	0.00	99.97
151.0-152.0	5.1	0.3	12780.3	0.00	99.97
152.0-153.0	5.1	0.3	12780.5	0.00	99.97
153.0-154.0	5.2	0.3	12780.8	0.00	99.97
154.0-155.0	5.1	0.2	12781.0	0.00	99.98
155.0-156.0	5.1	0.2	12781.2	0.00	99.98
156.0-157.0	5.2	0.2	12781.5	0.00	99.98
157.0-158.0	5.2	0.2	12781.7	0.00	99.98
158.0-159.0	5.2	0.2	12781.9	0.00	99.98
159.0-160.0	5.2	0.2	12782.1	0.00	99.98
160.0-161.0	5.1	0.2	12782.3	0.00	99.99
161.0-162.0	5.1	0.2	12782.5	0.00	99.99
162.0-163.0	5.3	0.2	12782.6	0.00	99.99
163.0-164.0	5.6	0.2	12782.8	0.00	99.99
164.0-165.0	5.3	0.2	12783.0	0.00	99.99
165.0-166.0	5.1	0.1	12783.1	0.00	99.99
166.0-167.0	5.3	0.1	12783.2	0.00	99.99
167.0-168.0	5.6	0.1	12783.4	0.00	99.99
168.0-169.0	5.6	0.1	12783.5	0.00	100.00
169.0-170.0	5.4	0.1	12783.6	0.00	100.00
170.0-171.0	5.5	0.1	12783.7	0.00	100.00
171.0-172.0	5.6	0.1	12783.8	0.00	100.00
172.0-173.0	5.7	0.1	12783.9	0.00	100.00
173.0-174.0	5.5	0.1	12783.9	0.00	100.00
174.0-175.0	5.3	0.1	12784.0	0.00	100.00
175.0-176.0	5.1	0.0	12784.0	0.00	100.00
176.0-177.0	5.0	0.0	12784.1	0.00	100.00
177.0-178.0	5.0	0.0	12784.1	0.00	100.00
178.0-179.0	4.9	0.0	12784.1	0.00	100.00
179.0-180.0	4.8	0.0	12784.1	0.00	100.00

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 16.1 'C
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 17.398 m
 Humidity:
 Inspector:

LED SLIP FITTER MOUNT STREET LIGHT

100W

DESCRIPTION

These lights are the top of the line in quality and price. These fixture are easy to installation and operate and are IP65 rated. Additionally, our Street Lights are DLC certified which means they are guaranteed up to 5 years. The lights produce over 140 lumens per watt and start from 150 watts and can go up to 300 watts. The lights also have adjustable mounting functions which consist of a shoebox, yoke, slip fitter, and typical street light horizontal mount.

Suitable for use in the following locations:

Ambient Temp: -4°F to 113°F

Wet Locations

Application

Streets, Parking Lots, Outdoor Courts & Fields, Plazas

Notice For User:

- Please turn off power before installing or changing assembly parts.
- The input voltage and lamps should be matched, after connecting the power line, please make sure the wiring section is insulated.
- Professionals should only install and disassemble the lamps.

WARRANTY

This product has a warranty for a period of 5 years from the date of purchase. The warranty is invalid in the case of improper installation, tampering, or removal of the Q.C. date label. Installation in an improper working environment or installation not according to the current edition of the National Electric Code also invalidates the warranty. Should this product fail during the warranty period, it will be replaced free of charge, subject to correct installation and return of the faulty unit. Greentek Energy Systems does not accept responsibility for any installation costs associated with the replacement of this product. This warranty is in addition to the statutory rights in the country of purchase. Greentek Energy Systems reserves the right to alter specifications without prior notice.

More Information

The street light comes with the top of the line chipset from PHILIPS LUMILEDS and a MeanWell IP65 Driver. The light produces no UV or IR in the light. It is easy to install and operate. The street light instantly starts with no flickering or humming. It is eco friendly and does not contain any mercury.

More Information

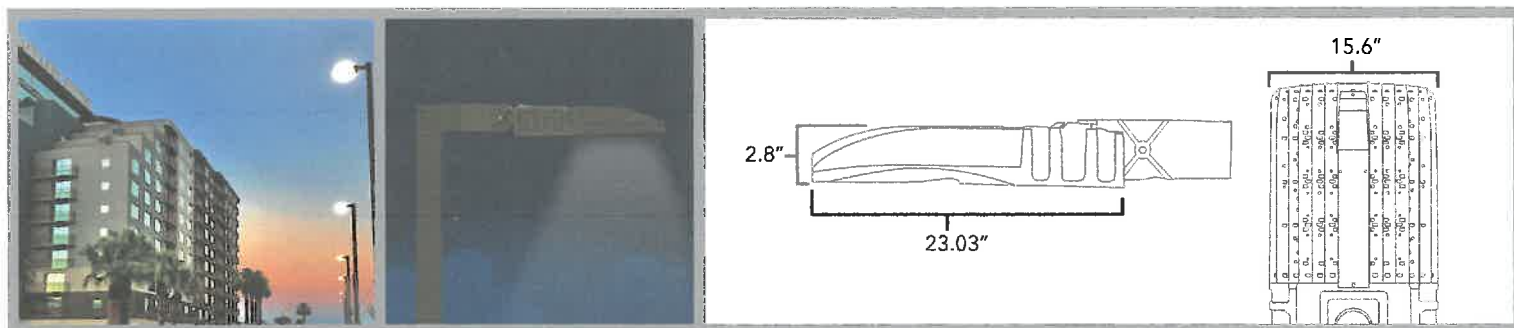
The street light comes with the top of the line chipset from PHILIPS LUMILEDS and a MeanWell IP65 Driver. The light produces no UV or IR in the light. It is easy to install and operate and the output constant lever can be adjusted through output cable with 1-10V. Additionally, street light instantly starts with no flickering or humming and provides soft uniform lighting which is safe for the eyes. It is eco friendly and does not contain any mercury. ble the lamps.



RECEIVED

OCT 14 2019

City of Goleta
Planning & Environmental
Review



SKU	GT-S-G07-100WCT3A1-BRAM40; GT-S-G07-100WCT3A1-BRAM57	Color	4000K, 5700K
Certification	UL, DLC	Lumens Output	14000 Lumens
Watts	100W	CRI	>70
Lumens	140 lm/w	Distribution	Type III

LED SLIP FITTER MOUNT STREET LIGHT

100W

PRODUCT SPECIFICATIONS

Input Voltage	100-277 VAC 50/60Hz	Power Factor (PF)	≥0.9
Lifespan	50,000 hours	Driver	SS-100V-54B
Weight	11.24 lbs	IP Grade:	IP65 Rated
Warranty	5 years	LED	PHILIPS LUMILEDS
Housing	Aluminum Alloy	LED Type	SMD3030
Operating Temperature	-4°F to 122°F	Pole Diameter	2' 3/8"
Replaces: up to	400W MH/HPS	Dimension	23.03" x 15.16" x 2.87"



LED SLIP FITTER MOUNT STREET LIGHT

100W

LUMINAIRE PROPERTY

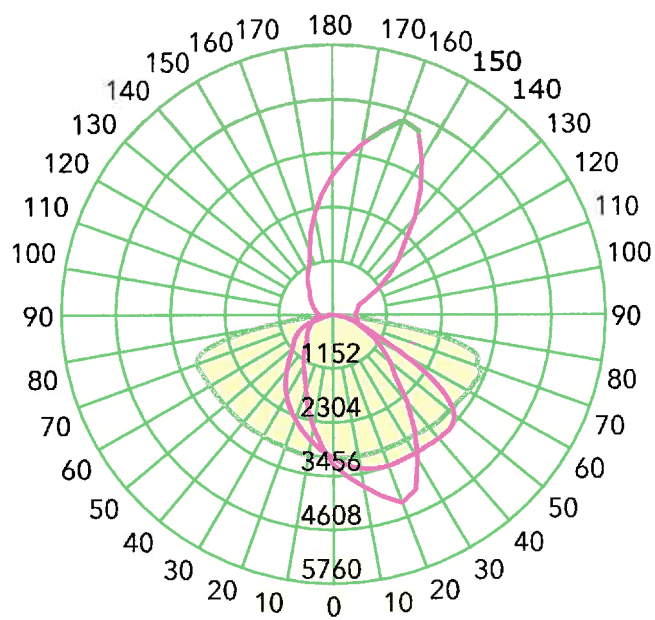
Voltage	119.3 V	Current	0.8529 A
Power	100.99 W	Power Factor	0.9977

PHOTOMETRIC RESULTS

IES Classification	Type III	Central Intensity	3070.6 cd
Total Rated Lamp Lumens	12784.1 lm	Pos of Max. Intensity	H157.5 V73
Efficiency	100%	Longitudinal Classification	Medium
Upward Ratio	0%	Measurement Flux	12784.1 lm
Downward Ratio	100%	Luminaire Efficacy Rating (LER)	126.59
Max. Intensity	4608.71 cd		

Luminous Intensity Distribution Curve

C Plane (°):	0.0-360.0: 22.5
Test Type	TYPE C
Temperature	16.1 °C
Gamma Plane (°)	0.0-180.0: 1.0
Test Device	GPM-3000
Distance	17.398 m



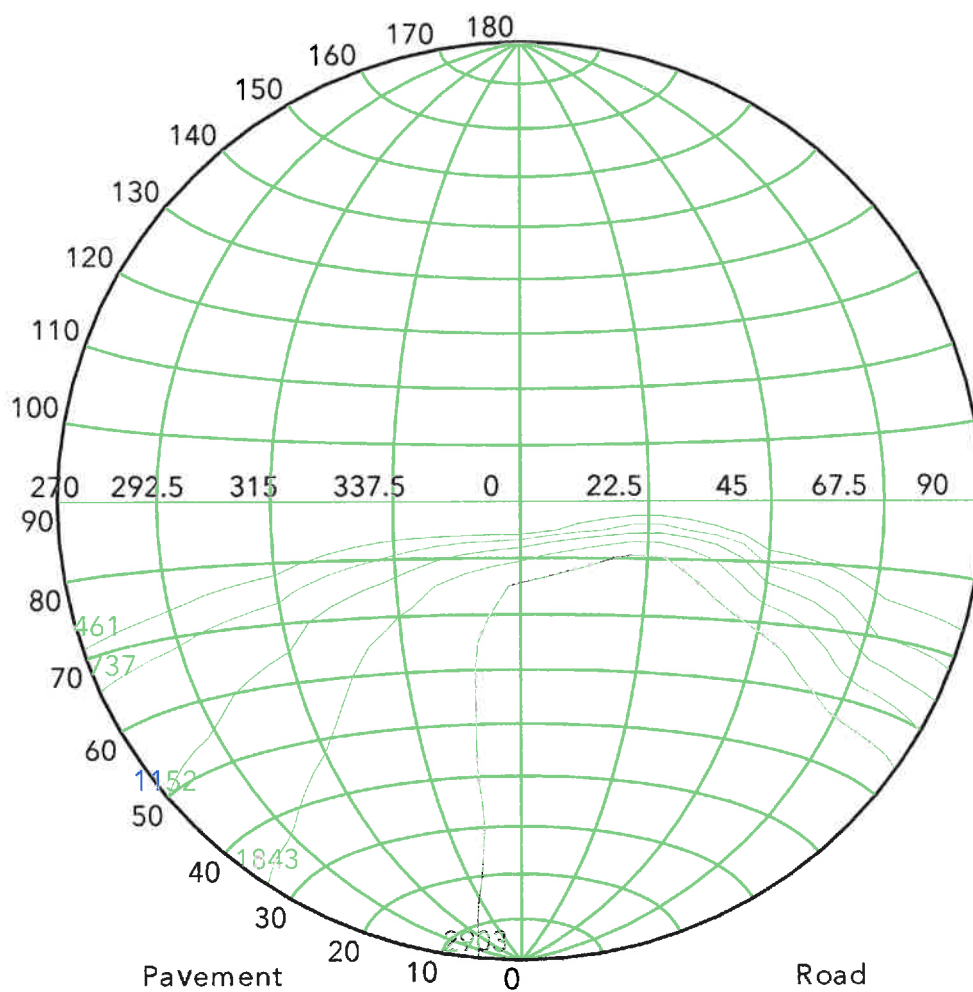
Unit: cd
 Average Diffuse Angle(50%): 127.7°

— C0-C180 — C90-C270 — G73

LED SLIP FITTER MOUNT STREET LIGHT

100W

ISOCANDELA (SPHERE)



I_{max} (100%): 4609 cd

(10%): 461 cd
(25%): 1152 cd
(63%): 2903 cd

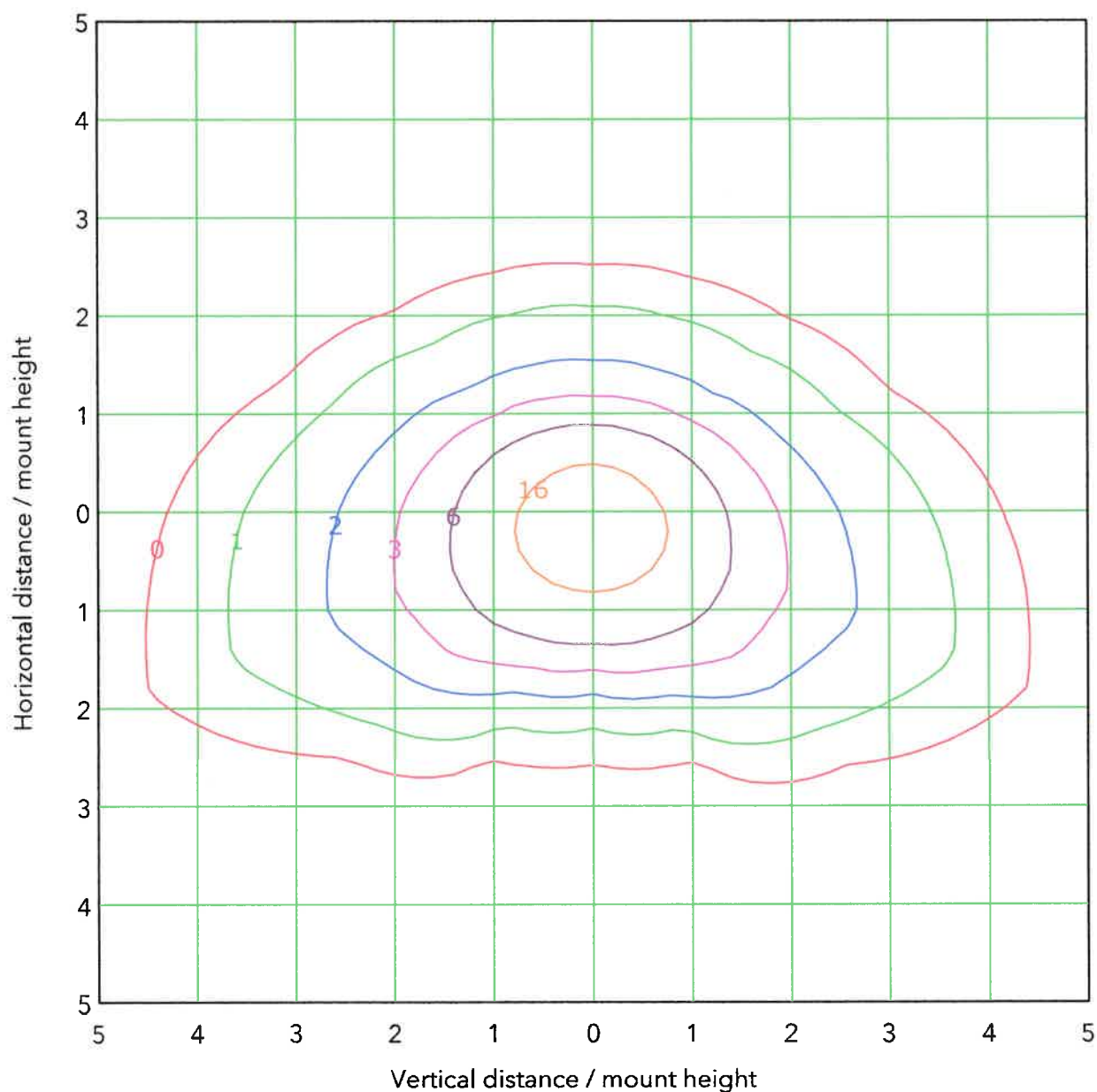
(16%): 737 cd
(40%): 1843 cd
(100%): 4609 cd



LED SLIP FITTER MOUNT STREET LIGHT

100W

ISOLUX PLOT



Mounting Height: 10.0m Max Lux(100%): 32.0 lx

(1%): 0.3 lx	(2%): 0.6 lx
(5%): 1.6 lx	(10%): 3.2 lx
(20%): 6.4 lx	(50%): 16.0 lx
(100%): 32.0 lx	

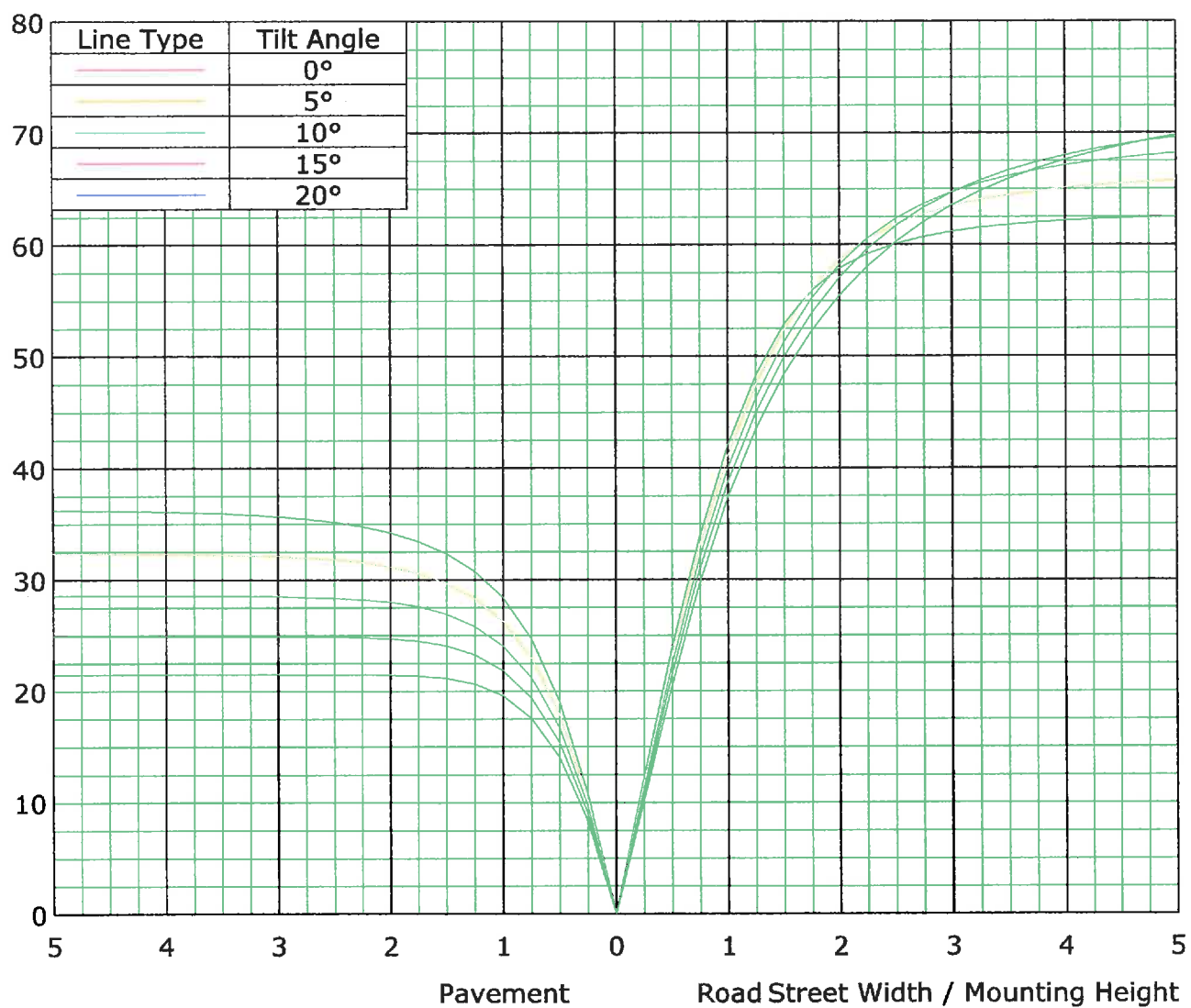


LED SLIP FITTER MOUNT STREET LIGHT

100W

ROADWAY CU CURVE

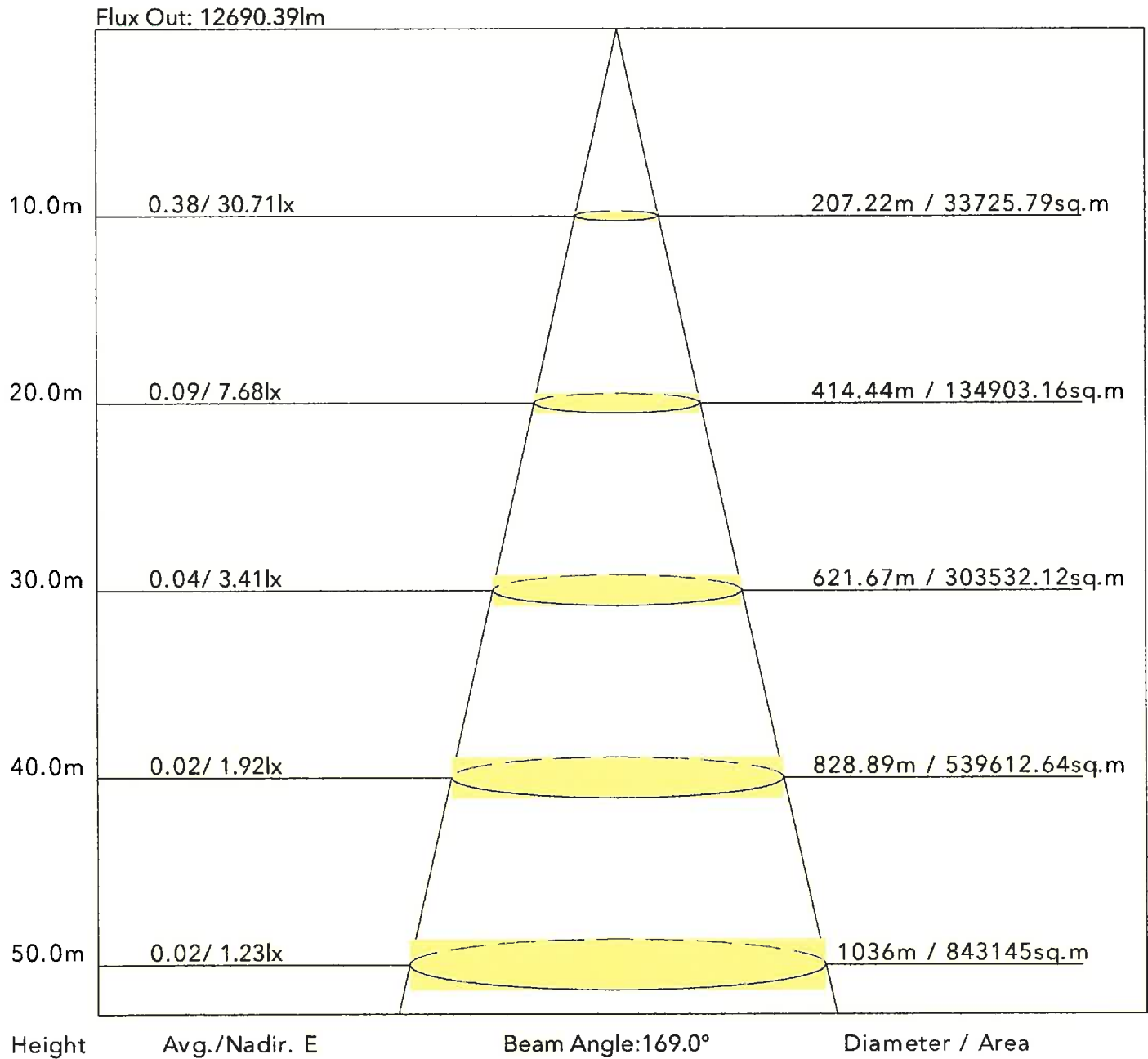
Efficiency(%)



LED SLIP FITTER MOUNT STREET LIGHT

100W

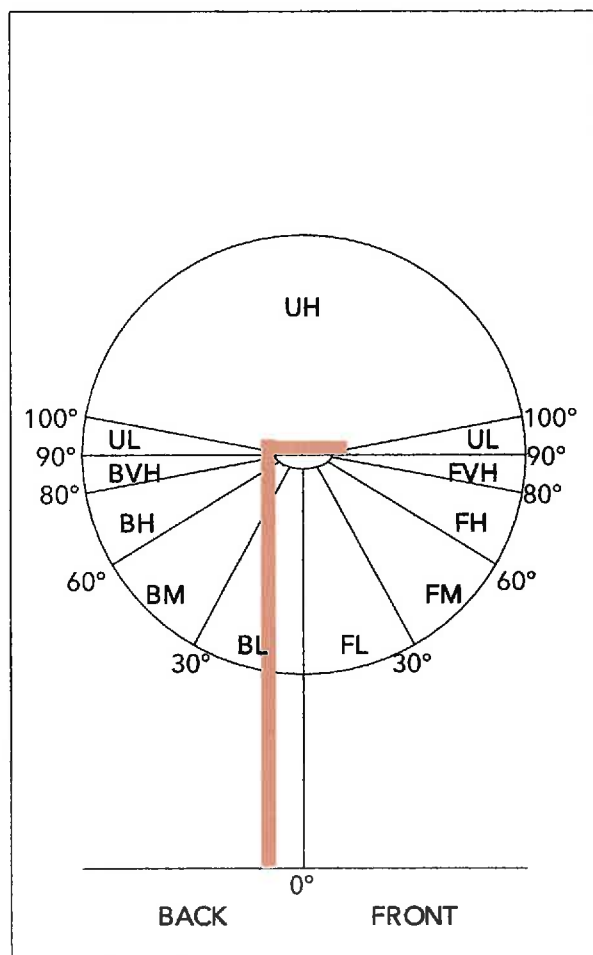
THE AVERAGE ILLUMINANCE EFFECTIVE FIGURE



LED SLIP FITTER MOUNT STREET LIGHT

100W

FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM



ZONE	LUMENS	% LAMP LUMENS
FORWARD LIGHT	8076	63.2
FL (0°-30°)	1395	10.9
FM (30°-60°)	3991	31.2
FH (60°-80°)	2461	19.2
FVH (80°-90°)	229	1.8
BACK LIGHT	4669	36.5
BL (0°-30°)	1109	8.7
BM (30°-60°)	2264	17.7
BH (60°-80°)	1203	9.4
BVH (80°-90°)	92	0.7
UP LIGHT	40	0.3
UL (90°-100°)	10	0.1
UH (100°-180°)	30	0.2
TRAPPED LIGHT	NA	NA

BUG(Backlight, Uplight, Glare) Rating Base On TM-15-07	
Asymmetrical Luminaire Types (Type I,II,III,IV)	B3 U5 G3
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B3 U5 G2



LED SLIP FITTER MOUNT STREET LIGHT

100W

ZONAL LUMEN

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal FluxSum [%]	Rel Zonal Flux [%]
0.0-1.0	3070.6	2.9	2.9	0.02	0.02
1.0-2.0	3070.4	8.8	11.8	0.07	0.09
2.0-3.0	3069.9	14.7	26.4	0.11	0.21
3.0-4.0	3069.2	20.5	47.0	0.16	0.37
4.0-5.0	3068.3	26.4	73.4	0.21	0.57
5.0-6.0	3066.9	32.2	105.6	0.25	0.83
6.0-7.0	3064.7	38.0	143.7	0.30	1.12
7.0-8.0	3061.9	43.8	187.5	0.34	1.47
8.0-9.0	3058.7	49.6	237.1	0.39	1.85
9.0-10.0	3054.8	55.3	292.4	0.43	2.29
10.0-11.0	3050.2	61.0	353.3	0.48	2.76
11.0-12.0	3045.0	66.6	419.9	0.52	3.28
12.0-13.0	3038.9	72.1	492.0	0.56	3.85
13.0-14.0	3032.3	77.6	569.6	0.61	4.46
14.0-15.0	3025.5	83.1	652.7	0.65	5.11
15.0-16.0	3018.0	88.4	741.2	0.69	5.80
16.0-17.0	3009.6	93.7	834.9	0.73	6.53
17.0-18.0	3001.1	99.0	933.9	0.77	7.30
18.0-19.0	2992.7	104.1	1038.0	0.81	8.12
19.0-20.0	2984.3	109.2	1147.2	0.85	8.97
20.0-21.0	2975.8	114.3	1261.5	0.89	9.87
21.0-22.0	2966.8	119.2	1380.8	0.93	10.80
22.0-23.0	2957.9	124.1	1504.9	0.97	11.77
23.0-24.0	2948.8	128.9	1633.8	1.01	12.78
24.0-25.0	2939.7	133.7	1767.5	1.05	13.83
25.0-26.0	2930.8	138.4	1905.9	1.08	14.91
26.0-27.0	2921.5	142.9	2048.8	1.12	16.03
27.0-28.0	2911.8	147.4	2196.3	1.15	17.18
28.0-29.0	2901.6	151.8	2348.1	1.19	18.37
29.0-30.0	2892.0	156.2	2504.3	1.22	19.59
30.0-31.0	2883.5	160.5	2664.7	1.26	20.84
31.0-32.0	2874.9	164.7	2829.5	1.29	22.13
32.0-33.0	2866.3	168.9	2998.4	1.32	23.45
33.0-34.0	2857.6	173.0	3171.3	1.35	24.81
34.0-35.0	2848.5	176.9	3348.2	1.38	26.19
35.0-36.0	2840.1	180.9	3529.1	1.41	27.61



LED SLIP FITTER MOUNT STREET LIGHT

100W

ZONAL LUMEN (Continue 1)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal FluxSum [%]	Rel Zonal Flux [%]
36.0-37.0	2832.3	184.7	3713.8	1.45	29.05
37.0-38.0	2824.2	188.5	3902.4	1.47	30.53
38.0-39.0	2816.0	192.2	4094.6	1.50	32.03
39.0-40.0	2807.9	195.9	4290.5	1.53	33.56
40.0-41.0	2799.8	199.4	4489.9	1.56	35.12
41.0-42.0	2791.9	202.9	4692.7	1.59	36.71
42.0-43.0	2783.6	206.2	4899.0	1.61	38.32
43.0-44.0	2774.9	209.5	5108.4	1.64	39.96
44.0-45.0	2766.0	212.6	5321.0	1.66	41.62
45.0-46.0	2757.0	215.6	5536.7	1.69	43.31
46.0-47.0	2747.4	218.5	5755.2	1.71	45.02
47.0-48.0	2736.8	221.3	5976.5	1.73	46.75
48.0-49.0	2726.4	223.9	6200.4	1.75	48.50
49.0-50.0	2716.3	226.5	6426.9	1.77	50.27
50.0-51.0	2704.5	228.8	6655.8	1.79	52.06
51.0-52.0	2690.2	230.9	6886.7	1.81	53.87
52.0-53.0	2673.3	232.6	7119.2	1.82	55.69
53.0-54.0	2653.8	233.9	7353.2	1.83	57.52
54.0-55.0	2631.3	234.9	7588.1	1.84	59.36
55.0-56.0	2605.0	235.4	7823.5	1.84	61.20
56.0-57.0	2574.8	235.5	8059.0	1.84	63.04
57.0-58.0	2539.0	234.8	8293.8	1.84	64.88
58.0-59.0	2498.1	233.6	8527.4	1.83	66.70
59.0-60.0	2453.6	231.8	8759.2	1.81	68.52
60.0-61.0	2406.5	229.7	8988.9	1.80	70.31
61.0-62.0	2355.3	227.0	9215.9	1.78	72.09
62.0-63.0	2302.1	223.9	9439.8	1.75	73.84
63.0-64.0	2249.1	220.7	9660.5	1.73	75.57
64.0-65.0	2194.4	217.2	9877.7	1.70	77.27
65.0-66.0	2139.6	213.5	10091.2	1.67	78.94
66.0-67.0	2086.1	209.8	10301.0	1.64	80.58
67.0-68.0	2032.2	205.9	10506.9	1.61	82.19
68.0-69.0	1976.0	201.6	10708.5	1.58	83.76
69.0-70.0	1914.2	196.6	10905.1	1.54	85.30
70.0-71.0	1841.2	190.3	11095.4	1.49	86.79
71.0-72.0	1762.4	183.3	11278.7	1.43	88.22



LED SLIP FITTER MOUNT STREET LIGHT

100W

ZONAL LUMEN (Continue 2)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal FluxSum [%]	Rel Zonal Flux [%]
72.0-73.0	1686.3	176.4	11455.1	1.38	89.60
73.0-74.0	1608.5	169.1	11624.2	1.32	90.93
74.0-75.0	1522.2	160.9	11785.1	1.26	92.19
75.0-76.0	1424.9	151.3	11936.3	1.18	93.37
76.0-77.0	1318.0	140.5	12076.9	1.10	94.47
77.0-78.0	1204.7	129.0	12205.9	1.01	95.48
78.0-79.0	1078.8	115.9	12321.8	0.91	96.38
79.0-80.0	942.1	101.6	12423.4	0.79	97.18
80.0-81.0	797.2	86.2	12509.6	0.67	97.85
81.0-82.0	646.2	70.1	12579.7	0.55	98.40
82.0-83.0	502.4	54.6	12634.3	0.43	98.83
83.0-84.0	372.9	40.6	12674.9	0.32	99.15
84.0-85.0	264.3	28.9	12703.8	0.23	99.37
85.0-86.0	174.8	19.1	12722.9	0.15	99.52
86.0-87.0	102.8	11.2	12734.1	0.09	99.61
87.0-88.0	53.3	5.8	12740.0	0.05	99.65
88.0-89.0	25.3	2.8	12742.8	0.02	99.68
89.0-90.0	13.8	1.5	12744.3	0.01	99.69
90.0-91.0	10.9	1.2	12745.5	0.01	99.70
91.0-92.0	10.2	1.1	12746.6	0.01	99.71
92.0-93.0	9.7	1.1	12747.6	0.01	99.71
93.0-94.0	9.1	1.0	12748.6	0.01	99.72
94.0-95.0	8.8	1.0	12749.6	0.01	99.73
95.0-96.0	8.6	0.9	12750.5	0.01	99.74
96.0-97.0	8.4	0.9	12751.4	0.01	99.74
97.0-98.0	8.2	0.9	12752.3	0.01	99.75
98.0-99.0	8.1	0.9	12753.2	0.01	99.76
99.0-100.0	8.0	0.9	12754.1	0.01	99.76
100.0-101.0	7.8	0.8	12754.9	0.01	99.77
101.0-102.0	7.6	0.8	12755.7	0.01	99.78
102.0-103.0	7.5	0.8	12756.5	0.01	99.78
103.0-104.0	7.3	0.8	12757.3	0.01	99.79
104.0-105.0	7.2	0.8	12758.1	0.01	99.80
105.0-106.0	7.3	0.8	12758.9	0.01	99.80
106.0-107.0	7.1	0.8	12759.6	0.01	99.81
107.0-108.0	7.0	0.7	12760.3	0.01	99.81



LED SLIP FITTER MOUNT STREET LIGHT

100W

ZONAL LUMEN (Continue 3)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal FluxSum [%]	Rel Zonal Flux [%]
108.0-109.0	6.8	0.7	12761.0	0.01	99.82
109.0-110.0	6.7	0.7	12761.7	0.01	99.82
110.0-111.0	6.7	0.7	12762.4	0.01	99.83
111.0-112.0	6.7	0.7	12763.1	0.01	99.84
112.0-113.0	6.6	0.7	12763.8	0.01	99.84
113.0-114.0	6.5	0.7	12764.4	0.01	99.85
114.0-115.0	6.4	0.6	12765.1	0.01	99.85
115.0-116.0	6.2	0.6	12765.7	0.00	99.86
116.0-117.0	6.1	0.6	12766.3	0.00	99.86
117.0-118.0	6.0	0.6	12766.9	0.00	99.87
118.0-119.0	5.9	0.6	12767.4	0.00	99.87
119.0-120.0	5.9	0.6	12768.0	0.00	99.87
120.0-121.0	5.9	0.6	12768.6	0.00	99.88
121.0-122.0	5.6	0.5	12769.1	0.00	99.88
122.0-123.0	5.5	0.5	12769.6	0.00	99.89
123.0-124.0	5.5	0.5	12770.1	0.00	99.89
124.0-125.0	5.5	0.5	12770.6	0.00	99.89
125.0-126.0	5.3	0.5	12771.1	0.00	99.90
126.0-127.0	5.2	0.5	12771.5	0.00	99.90
127.0-128.0	5.2	0.5	12772.0	0.00	99.90
128.0-129.0	5.1	0.4	12772.4	0.00	99.91
129.0-130.0	5.0	0.4	12772.8	0.00	99.91
130.0-131.0	5.1	0.4	12773.3	0.00	99.91
131.0-132.0	5.0	0.4	12773.7	0.00	99.92
132.0-133.0	4.9	0.4	12774.1	0.00	99.92
133.0-134.0	5.0	0.4	12774.5	0.00	99.92
134.0-135.0	4.9	0.4	12774.9	0.00	99.93
135.0-136.0	4.7	0.4	12775.2	0.00	99.93
136.0-137.0	4.8	0.4	12775.6	0.00	99.93
137.0-138.0	4.8	0.4	12775.9	0.00	99.94
138.0-139.0	4.7	0.3	12776.3	0.00	99.94
139.0-140.0	4.7	0.3	12776.6	0.00	99.94
140.0-141.0	4.6	0.3	12776.9	0.00	99.94
141.0-142.0	4.7	0.3	12777.3	0.00	99.95
142.0-143.0	4.9	0.3	12777.6	0.00	99.95
143.0-144.0	5.1	0.3	12777.9	0.00	99.95



LED SLIP FITTER MOUNT STREET LIGHT

100W

ZONAL LUMEN (Continue 4)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal FluxSum [%]	Rel Zonal Flux [%]
144.0-145.0	5.0	0.3	12778.2	0.00	99.95
145.0-146.0	5.0	0.3	12778.5	0.00	99.96
146.0-147.0	5.0	0.3	12778.8	0.00	99.96
147.0-148.0	5.1	0.3	12779.1	0.00	99.96
148.0-149.0	5.1	0.3	12779.4	0.00	99.96
149.0-150.0	5.1	0.3	12779.7	0.00	99.97
150.0-151.0	5.1	0.3	12780.0	0.00	99.97
151.0-152.0	5.1	0.3	12780.3	0.00	99.97
152.0-153.0	5.1	0.3	12780.5	0.00	99.97
153.0-154.0	5.2	0.3	12780.8	0.00	99.97
154.0-155.0	5.1	0.2	12781.0	0.00	99.98
155.0-156.0	5.1	0.2	12781.2	0.00	99.98
156.0-157.0	5.2	0.2	12781.5	0.00	99.98
157.0-158.0	5.2	0.2	12781.7	0.00	99.98
158.0-159.0	5.2	0.2	12781.9	0.00	99.98
159.0-160.0	5.2	0.2	12782.1	0.00	99.98
160.0-161.0	5.1	0.2	12782.3	0.00	99.99
161.0-162.0	5.1	0.2	12782.5	0.00	99.99
162.0-163.0	5.3	0.2	12782.6	0.00	99.99
163.0-164.0	5.6	0.2	12782.8	0.00	99.99
164.0-165.0	5.3	0.2	12783.0	0.00	99.99
165.0-166.0	5.1	0.1	12783.1	0.00	99.99
166.0-167.0	5.3	0.1	12783.2	0.00	99.99
167.0-168.0	5.6	0.1	12783.4	0.00	99.99
168.0-169.0	5.6	0.1	12783.5	0.00	100.00
169.0-170.0	5.4	0.1	12783.6	0.00	100.00
170.0-171.0	5.5	0.1	12783.7	0.00	100.00
171.0-172.0	5.6	0.1	12783.8	0.00	100.00
172.0-173.0	5.7	0.1	12783.9	0.00	100.00
173.0-174.0	5.5	0.1	12783.9	0.00	100.00
174.0-175.0	5.3	0.1	12784.0	0.00	100.00
175.0-176.0	5.1	0.0	12784.0	0.00	100.00
176.0-177.0	5.0	0.0	12784.1	0.00	100.00
177.0-178.0	5.0	0.0	12784.1	0.00	100.00
178.0-179.0	4.9	0.0	12784.1	0.00	100.00
179.0-180.0	4.8	0.0	12784.1	0.00	100.00

