

Report No.:

Test Time: 2024-07-11 16:49

Luminaire Property

Luminaire Manufacturer:

Luminaire Description: 3-VLT480-32W-3000K-90D

Voltage: 220.0 V

Current: 0.144 A

Power: 30.83 W

Power Factor: 0.976

Photometric Results

CIE Class: Direct

Measurement Flux: 3337.1 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H88.3

Vertical Diffuse Angle(50%): V88.6

Luminaire Efficacy Rating (LER): 108.29

Max. Intensity: 1947.53 cd

S/MH(C0/C180): 1.16

Total Rated Lamp Lumens: 3337.1 lm

Efficiency: 100%

Upward Ratio: 0%

Central Intensity: 1940.74 cd

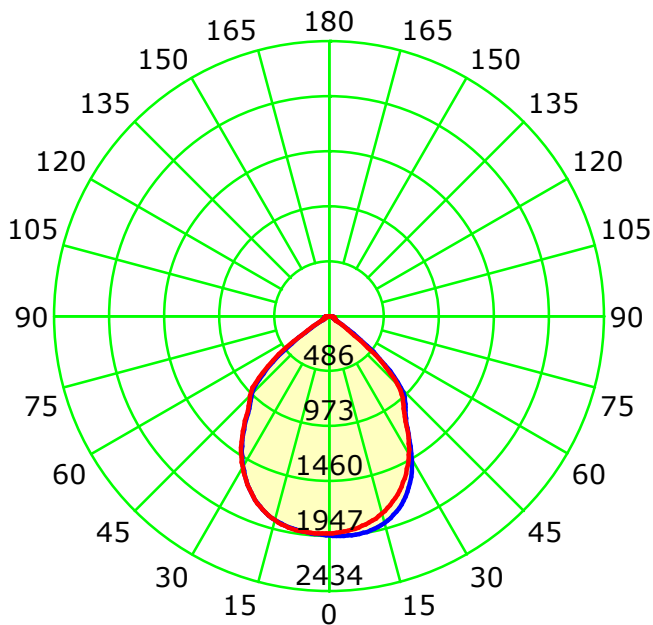
Pos of Max. Intensity: H0 V5

S/MH(C90/C270): 1.15

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

Average Diffuse Angle(50%): 88.4°

— C0-C180 — C90-C270

C Plane (°):0.0-360.0: 90.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

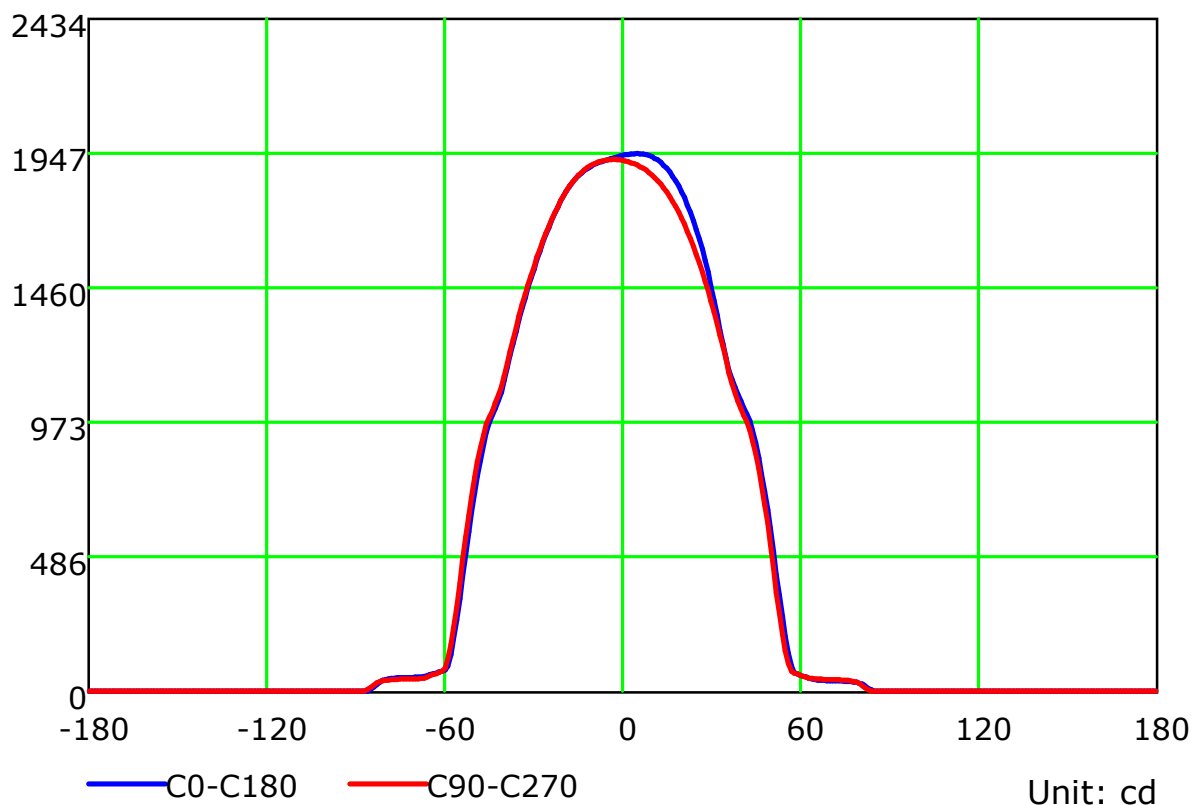
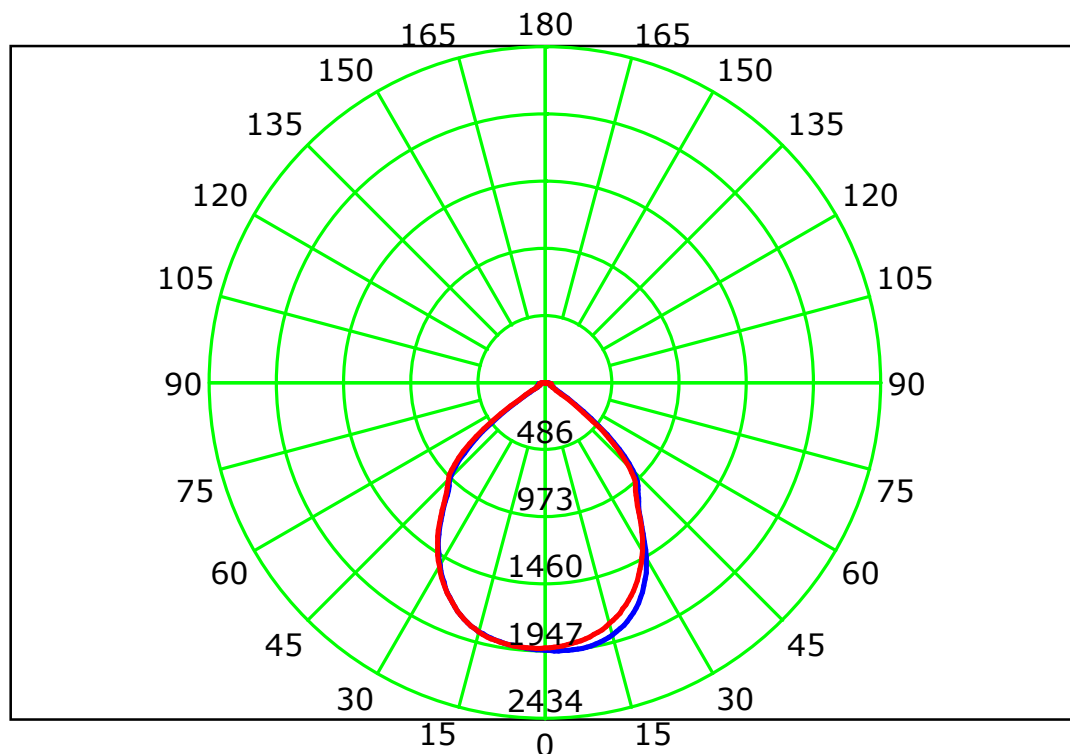
Test Device: GPM-1600L

Distance: 9.860 m

Humidity:

Inspector:

Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
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Gamma Plane (°):0.0-180.0:1.0
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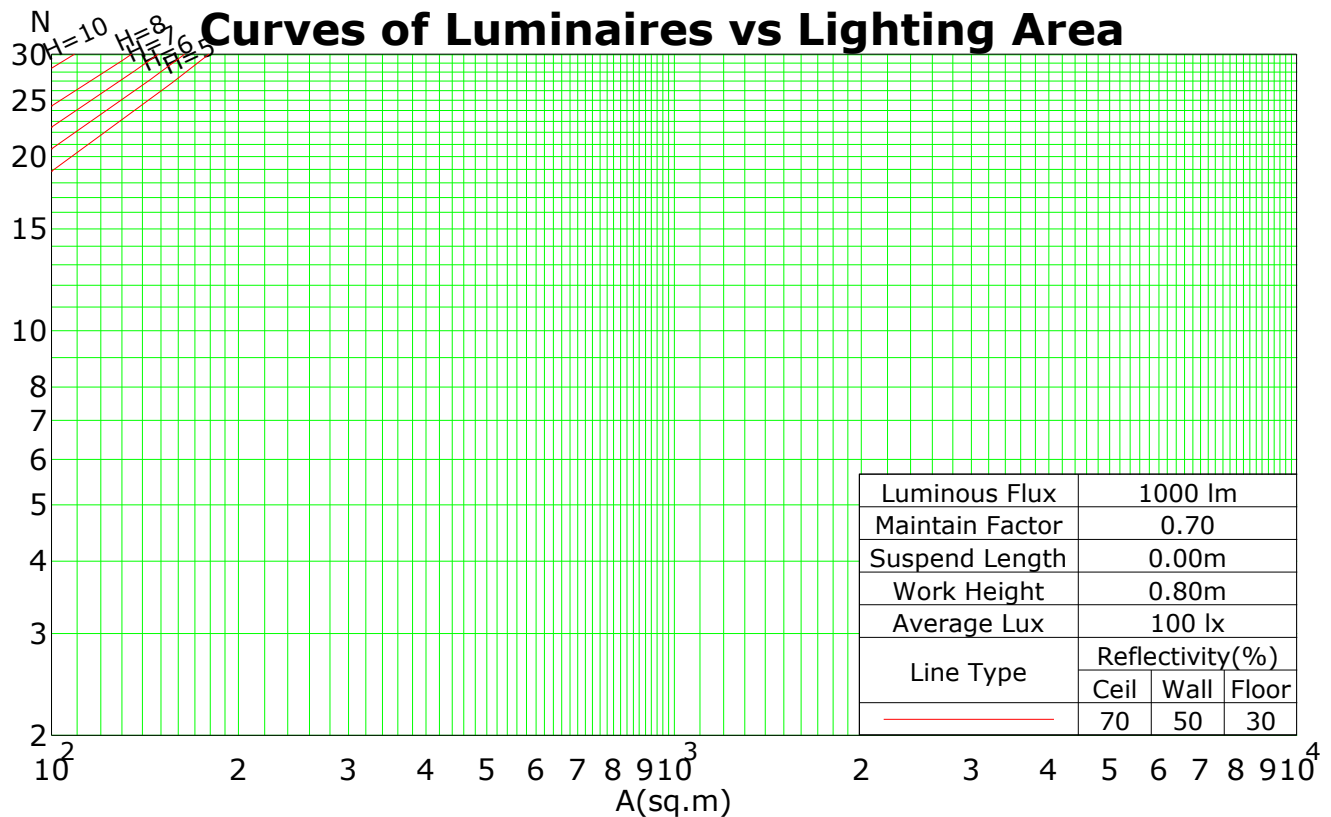
Coefficients Of Utilization - Zonal Cavity Method

RC	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.5	0.5	0.5	0.3	0.3	0.3	0.1	0.1	0.1	0
RW	0.7	0.5	0.3	0.1	0.7	0.5	0.3	0.1	0.5	0.3	0.1	0.5	0.3	0.1	0.5	0.3	0.1	0
RCR	RF = 0.2																	
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	112	108	105	103	109	106	103	101	102	100	98	98	96	95	95	93	92	90
2	104	98	93	89	102	97	92	88	93	89	86	90	87	84	87	85	82	80
3	97	89	83	78	95	88	82	77	85	80	76	82	78	75	80	77	74	72
4	91	81	74	69	89	80	74	69	78	72	68	76	71	67	74	69	66	64
5	85	74	67	62	83	73	66	61	71	65	61	69	64	60	68	63	60	58
6	79	68	61	55	77	67	60	55	66	59	55	64	58	54	63	58	54	52
7	74	63	55	50	73	62	55	50	60	54	50	59	53	49	58	53	49	47
8	69	58	50	45	68	57	50	45	56	50	45	55	49	45	54	49	45	43
9	65	54	46	41	64	53	46	41	52	46	41	51	45	41	50	45	41	39
10	61	50	43	38	60	49	43	38	48	42	38	47	42	38	47	41	38	36

Spacing Criteria (0-180): 1.16

Spacing Criteria (90-270): 1.15

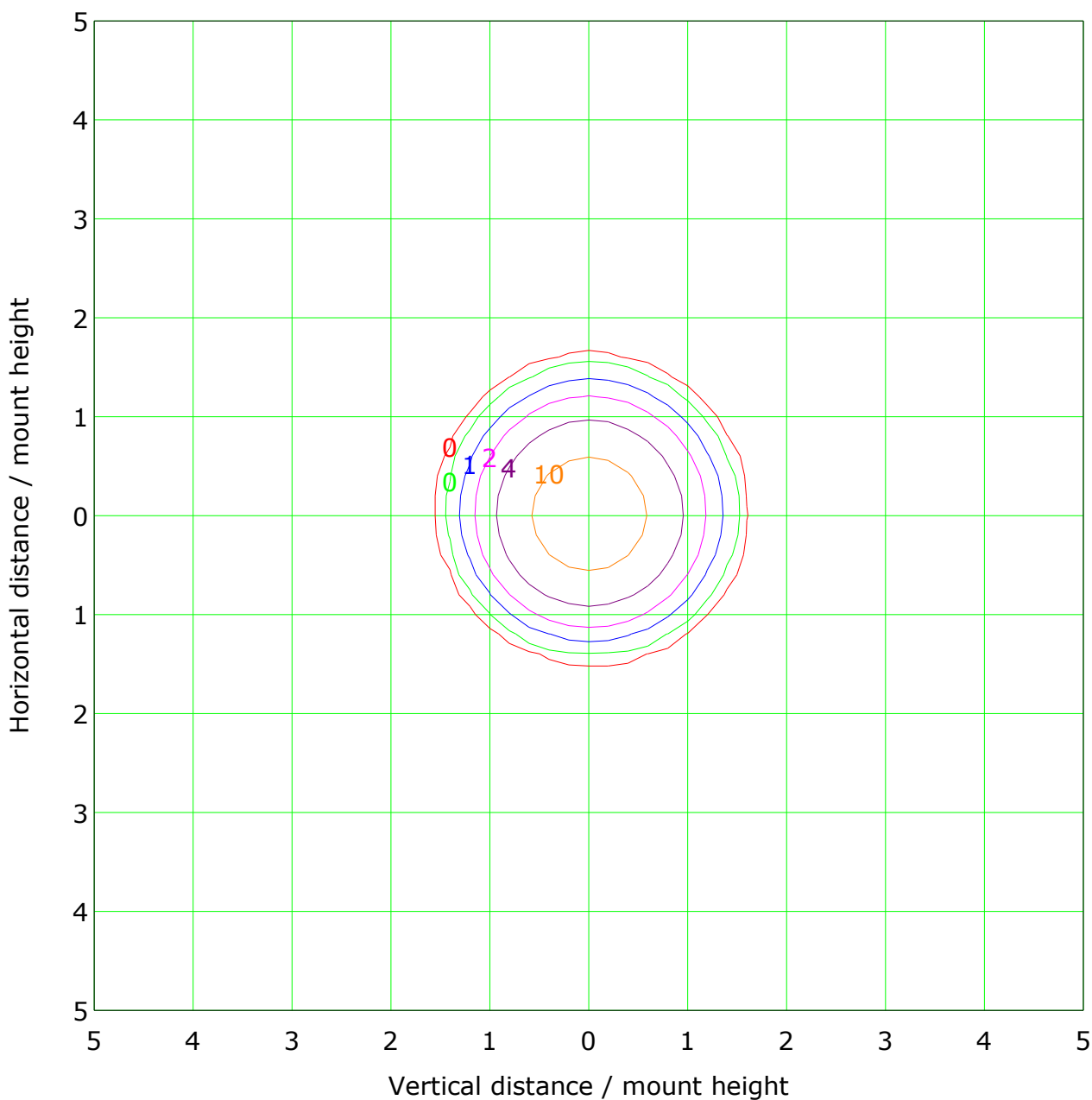
Spacing Criteria (Diagonal): 1.19



C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 9.860 m
Humidity:
Inspector:

IsoLux Plot



Mounting Height: 10.0m Max Lux(100%): 19.4 lx

(1%): 0.2 lx	(2%): 0.4 lx
(5%): 1.0 lx	(10%): 1.9 lx
(20%): 3.9 lx	(50%): 9.7 lx
(100%): 19.4 lx	

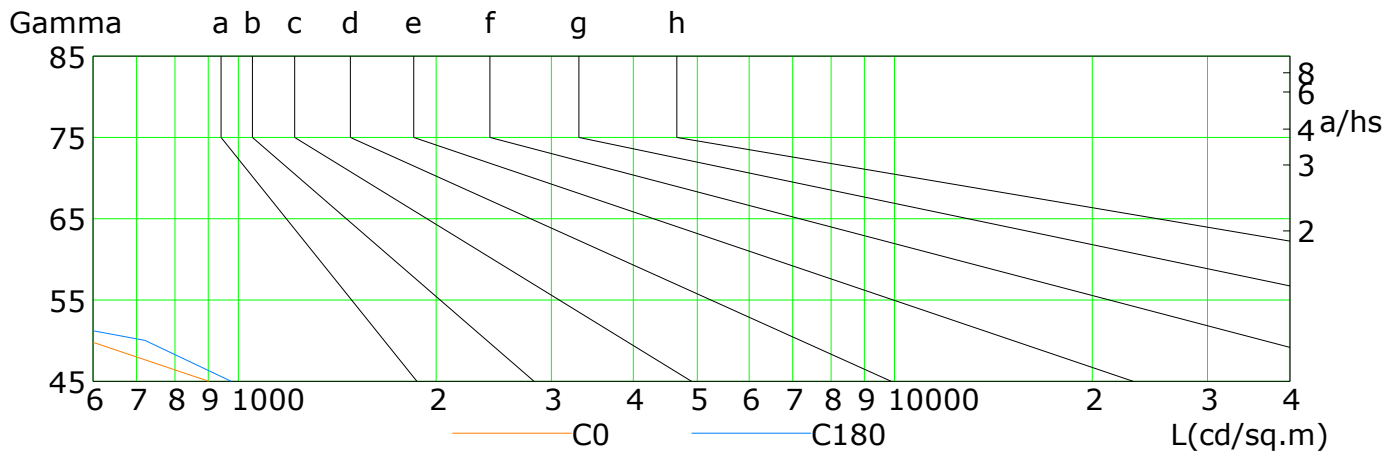
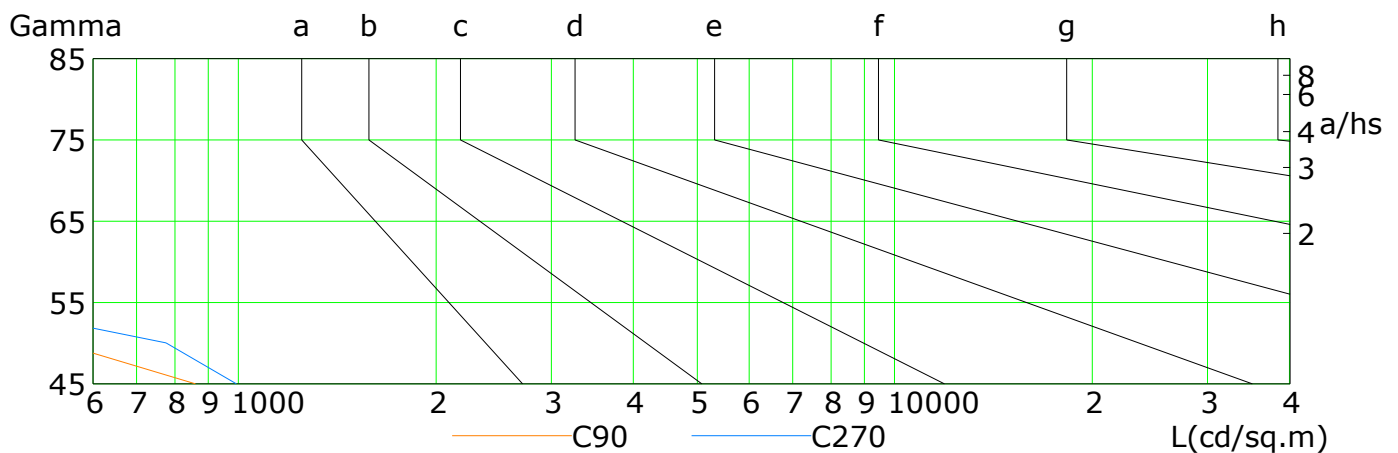
C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 9.860 m
Humidity:
Inspector:

Lum Limit Curve

Dazzle	Quality	Illuminance (lx)							
1.15	A	2000	1000	500	<=300				
1.50	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.20	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300

a b c d e f g h

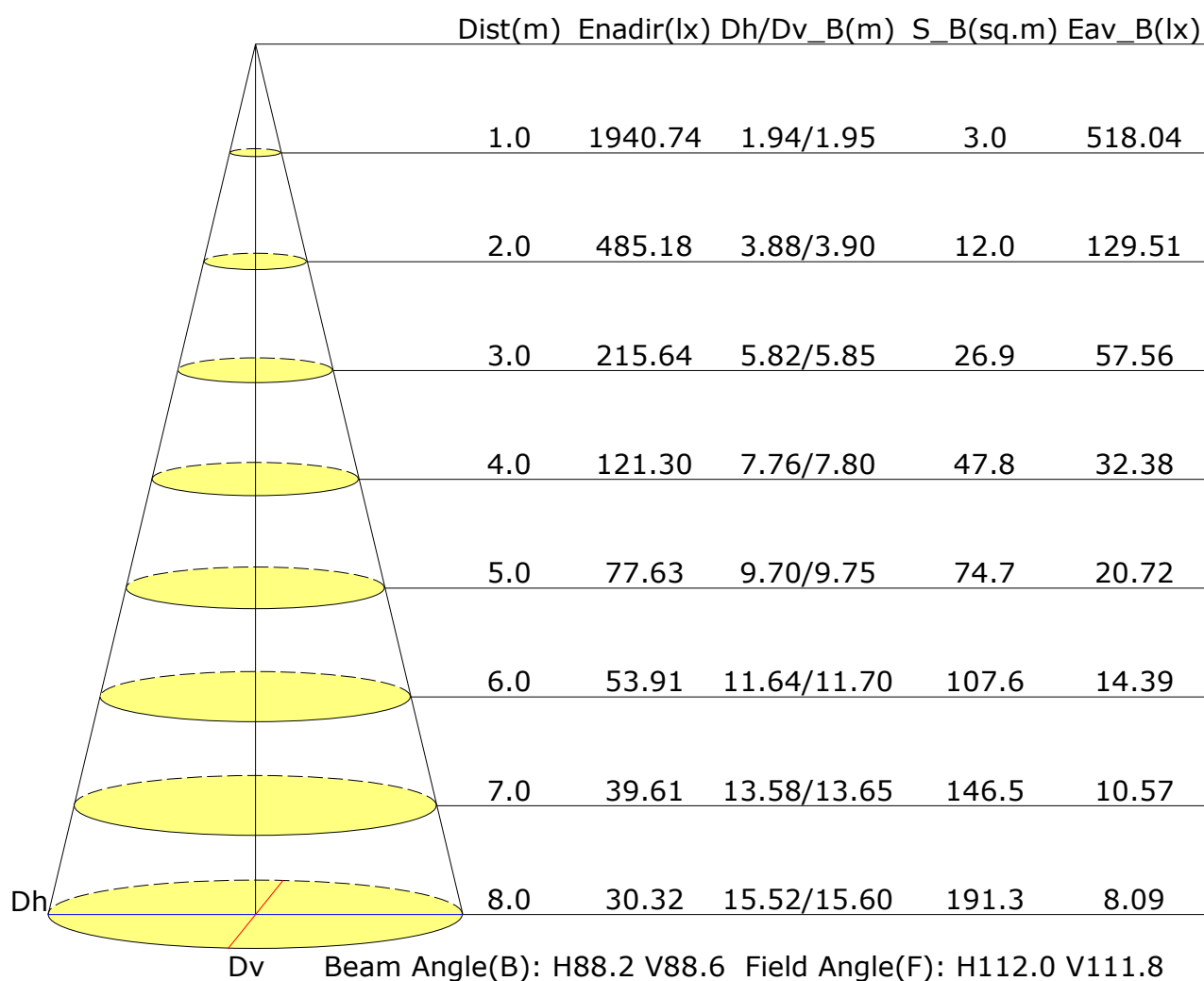


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	902	590	201	59	43	39	37	30	1
C90	861	533	147	60	46	43	41	28	1
C180	976	720	335	78	61	51	49	44	8
C270	993	775	392	85	56	46	44	40	14

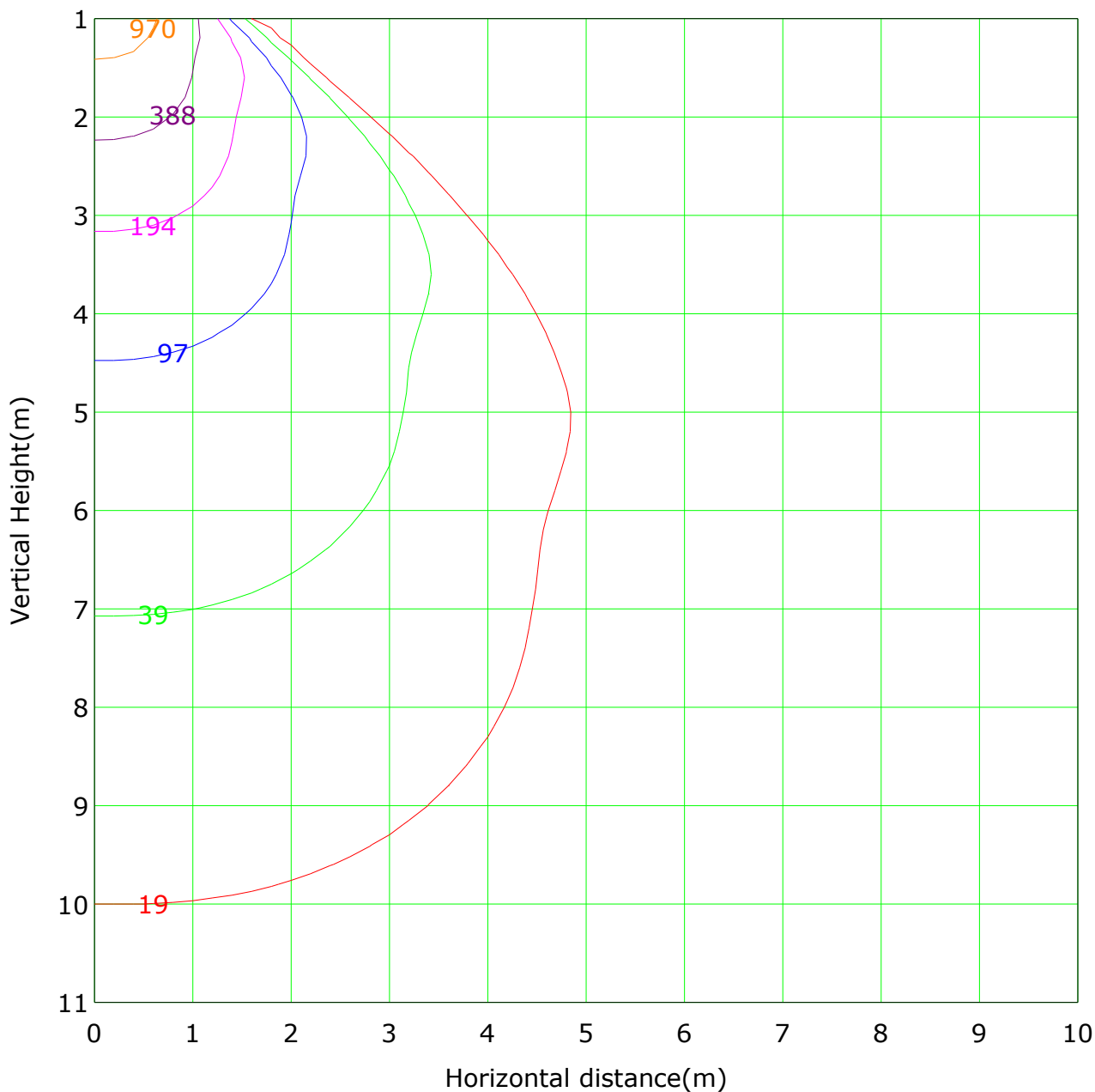
C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 9.860 m
Humidity:
Inspector:

Illuminance at a Distance



Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 1940.7 lx
 (1%): 19.4 lx (2%): 38.8 lx
 (5%): 97.0 lx (10%): 194.1 lx
 (20%): 388.1 lx (50%): 970.4 lx
 (100%): 1940.7 lx

C Plane (°): 0.0-360.0: 90.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°): 0.0-180.0: 1.0
 Test Device: GPM-1600L
 Distance: 9.860 m
 Humidity:
 Inspector:

UGR Table

Reflectance:										
Ceiling (cavity)	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
X=2H Y=2H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
3H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
4H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
6H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
8H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
12H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
X=4H Y=2H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
3H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
4H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
6H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
8H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
12H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
X=8H Y=4H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
6H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
8H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
12H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
X=12H Y=4H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
6H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
8H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
Variations with the observer position at spacings:										
S=1.0H	-1.\$/-1.\$					-1.\$/-1.\$				
S=1.5H	-1.\$/-1.\$					-1.\$/-1.\$				
S=2.0H	-1.\$/-1.\$					-1.\$/-1.\$				

Calculate in accordance with CIE Pub.117. The table is revised with 3337lm ($8\log(F/F_0) = 4.2$).

C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 9.860 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	1932.0	1.8	1.8	0.06	0.06
1.0-2.0	1931.6	5.5	7.4	0.17	0.22
2.0-3.0	1930.7	9.2	16.6	0.28	0.50
3.0-4.0	1929.3	12.9	29.5	0.39	0.89
4.0-5.0	1927.4	16.6	46.1	0.50	1.38
5.0-6.0	1925.0	20.2	66.4	0.61	1.99
6.0-7.0	1922.0	23.9	90.2	0.71	2.70
7.0-8.0	1918.4	27.5	117.7	0.82	3.53
8.0-9.0	1913.9	31.0	148.7	0.93	4.46
9.0-10.0	1908.8	34.5	183.2	1.04	5.49
10.0-11.0	1902.5	38.0	221.3	1.14	6.63
11.0-12.0	1895.0	41.4	262.7	1.24	7.87
12.0-13.0	1886.8	44.8	307.5	1.34	9.21
13.0-14.0	1876.9	48.0	355.5	1.44	10.65
14.0-15.0	1865.7	51.2	406.8	1.54	12.19
15.0-16.0	1853.0	54.3	461.1	1.63	13.82
16.0-17.0	1838.9	57.3	518.3	1.72	15.53
17.0-18.0	1824.0	60.1	578.5	1.80	17.33
18.0-19.0	1806.6	62.9	641.3	1.88	19.22
19.0-20.0	1787.7	65.4	706.8	1.96	21.18
20.0-21.0	1768.2	67.9	774.7	2.03	23.21
21.0-22.0	1745.7	70.2	844.8	2.10	25.32
22.0-23.0	1721.4	72.2	917.1	2.16	27.48
23.0-24.0	1695.6	74.1	991.2	2.22	29.70
24.0-25.0	1668.3	75.9	1067.1	2.27	31.98
25.0-26.0	1640.3	77.4	1144.5	2.32	34.30
26.0-27.0	1609.1	78.7	1223.3	2.36	36.66
27.0-28.0	1576.5	79.8	1303.1	2.39	39.05
28.0-29.0	1543.4	80.8	1383.9	2.42	41.47
29.0-30.0	1506.7	81.4	1465.2	2.44	43.91
30.0-31.0	1467.8	81.7	1546.9	2.45	46.36
31.0-32.0	1427.3	81.8	1628.7	2.45	48.81
32.0-33.0	1385.8	81.7	1710.3	2.45	51.25
33.0-34.0	1344.5	81.4	1791.7	2.44	53.69
34.0-35.0	1300.3	80.8	1872.5	2.42	56.11
35.0-36.0	1256.2	80.0	1952.5	2.40	58.51

C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 9.860 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	1215.0	79.2	2031.7	2.37	60.88
37.0-38.0	1175.3	78.5	2110.2	2.35	63.24
38.0-39.0	1139.4	77.8	2188.0	2.33	65.57
39.0-40.0	1104.0	77.0	2265.0	2.31	67.87
40.0-41.0	1069.6	76.2	2341.2	2.28	70.16
41.0-42.0	1040.6	75.6	2416.8	2.27	72.42
42.0-43.0	1012.8	75.0	2491.8	2.25	74.67
43.0-44.0	983.0	74.2	2566.0	2.22	76.89
44.0-45.0	950.3	73.0	2639.1	2.19	79.08
45.0-46.0	910.8	71.2	2710.3	2.13	81.22
46.0-47.0	864.2	68.7	2779.0	2.06	83.28
47.0-48.0	809.7	65.5	2844.5	1.96	85.24
48.0-49.0	749.6	61.6	2906.1	1.84	87.08
49.0-50.0	687.0	57.3	2963.4	1.72	88.80
50.0-51.0	614.6	52.0	3015.4	1.56	90.36
51.0-52.0	537.4	46.1	3061.5	1.38	91.74
52.0-53.0	461.3	40.1	3101.6	1.20	92.94
53.0-54.0	381.8	33.7	3135.3	1.01	93.95
54.0-55.0	304.9	27.2	3162.5	0.82	94.77
55.0-56.0	234.5	21.2	3183.7	0.64	95.40
56.0-57.0	173.7	15.9	3199.6	0.48	95.88
57.0-58.0	128.4	11.9	3211.4	0.36	96.24
58.0-59.0	96.8	9.0	3220.5	0.27	96.51
59.0-60.0	77.2	7.3	3227.8	0.22	96.73
60.0-61.0	67.4	6.4	3234.2	0.19	96.92
61.0-62.0	62.5	6.0	3240.2	0.18	97.10
62.0-63.0	58.7	5.7	3245.9	0.17	97.27
63.0-64.0	55.2	5.4	3251.4	0.16	97.43
64.0-65.0	52.5	5.2	3256.6	0.16	97.59
65.0-66.0	49.9	5.0	3261.5	0.15	97.74
66.0-67.0	47.8	4.8	3266.3	0.14	97.88
67.0-68.0	46.5	4.7	3271.1	0.14	98.02
68.0-69.0	45.6	4.7	3275.7	0.14	98.16
69.0-70.0	45.0	4.6	3280.3	0.14	98.30
70.0-71.0	44.5	4.6	3284.9	0.14	98.44
71.0-72.0	44.1	4.6	3289.5	0.14	98.58

C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 9.860 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	43.8	4.6	3294.1	0.14	98.71
73.0-74.0	43.5	4.6	3298.7	0.14	98.85
74.0-75.0	43.1	4.5	3303.2	0.14	98.99
75.0-76.0	42.5	4.5	3307.7	0.14	99.12
76.0-77.0	41.8	4.5	3312.2	0.13	99.25
77.0-78.0	40.8	4.4	3316.5	0.13	99.39
78.0-79.0	39.3	4.2	3320.8	0.13	99.51
79.0-80.0	37.0	4.0	3324.8	0.12	99.63
80.0-81.0	33.4	3.6	3328.4	0.11	99.74
81.0-82.0	28.2	3.1	3331.4	0.09	99.83
82.0-83.0	21.7	2.4	3333.8	0.07	99.90
83.0-84.0	14.8	1.6	3335.4	0.05	99.95
84.0-85.0	8.7	1.0	3336.4	0.03	99.98
85.0-86.0	4.3	0.5	3336.8	0.01	99.99
86.0-87.0	1.6	0.2	3337.0	0.01	100.00
87.0-88.0	0.4	0.0	3337.1	0.00	100.00
88.0-89.0	0.1	0.0	3337.1	0.00	100.00
89.0-90.0	0.0	0.0	3337.1	0.00	100.00
90.0-91.0	0.0	0.0	3337.1	0.00	100.00
91.0-92.0	0.0	0.0	3337.1	0.00	100.00
92.0-93.0	0.0	0.0	3337.1	0.00	100.00
93.0-94.0	0.0	0.0	3337.1	0.00	100.00
94.0-95.0	0.0	0.0	3337.1	0.00	100.00
95.0-96.0	0.0	0.0	3337.1	0.00	100.00
96.0-97.0	0.0	0.0	3337.1	0.00	100.00
97.0-98.0	0.0	0.0	3337.1	0.00	100.00
98.0-99.0	0.0	0.0	3337.1	0.00	100.00
99.0-100.0	0.0	0.0	3337.1	0.00	100.00
100.0-101.0	0.0	0.0	3337.1	0.00	100.00
101.0-102.0	0.0	0.0	3337.1	0.00	100.00
102.0-103.0	0.0	0.0	3337.1	0.00	100.00
103.0-104.0	0.0	0.0	3337.1	0.00	100.00
104.0-105.0	0.0	0.0	3337.1	0.00	100.00
105.0-106.0	0.0	0.0	3337.1	0.00	100.00
106.0-107.0	0.0	0.0	3337.1	0.00	100.00
107.0-108.0	0.0	0.0	3337.1	0.00	100.00

C Plane (°):0.0-360.0: 90.0
Test Lab:
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Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 9.860 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	0.0	0.0	3337.1	0.00	100.00
109.0-110.0	0.0	0.0	3337.1	0.00	100.00
110.0-111.0	0.0	0.0	3337.1	0.00	100.00
111.0-112.0	0.0	0.0	3337.1	0.00	100.00
112.0-113.0	0.0	0.0	3337.1	0.00	100.00
113.0-114.0	0.0	0.0	3337.1	0.00	100.00
114.0-115.0	0.0	0.0	3337.1	0.00	100.00
115.0-116.0	0.0	0.0	3337.1	0.00	100.00
116.0-117.0	0.0	0.0	3337.1	0.00	100.00
117.0-118.0	0.0	0.0	3337.1	0.00	100.00
118.0-119.0	0.0	0.0	3337.1	0.00	100.00
119.0-120.0	0.0	0.0	3337.1	0.00	100.00
120.0-121.0	0.0	0.0	3337.1	0.00	100.00
121.0-122.0	0.0	0.0	3337.1	0.00	100.00
122.0-123.0	0.0	0.0	3337.1	0.00	100.00
123.0-124.0	0.0	0.0	3337.1	0.00	100.00
124.0-125.0	0.0	0.0	3337.1	0.00	100.00
125.0-126.0	0.0	0.0	3337.1	0.00	100.00
126.0-127.0	0.0	0.0	3337.1	0.00	100.00
127.0-128.0	0.0	0.0	3337.1	0.00	100.00
128.0-129.0	0.0	0.0	3337.1	0.00	100.00
129.0-130.0	0.0	0.0	3337.1	0.00	100.00
130.0-131.0	0.0	0.0	3337.1	0.00	100.00
131.0-132.0	0.0	0.0	3337.1	0.00	100.00
132.0-133.0	0.0	0.0	3337.1	0.00	100.00
133.0-134.0	0.0	0.0	3337.1	0.00	100.00
134.0-135.0	0.0	0.0	3337.1	0.00	100.00
135.0-136.0	0.0	0.0	3337.1	0.00	100.00
136.0-137.0	0.0	0.0	3337.1	0.00	100.00
137.0-138.0	0.0	0.0	3337.1	0.00	100.00
138.0-139.0	0.0	0.0	3337.1	0.00	100.00
139.0-140.0	0.0	0.0	3337.1	0.00	100.00
140.0-141.0	0.0	0.0	3337.1	0.00	100.00
141.0-142.0	0.0	0.0	3337.1	0.00	100.00
142.0-143.0	0.0	0.0	3337.1	0.00	100.00
143.0-144.0	0.0	0.0	3337.1	0.00	100.00

C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 9.860 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	0.0	0.0	3337.1	0.00	100.00
145.0-146.0	0.0	0.0	3337.1	0.00	100.00
146.0-147.0	0.0	0.0	3337.1	0.00	100.00
147.0-148.0	0.0	0.0	3337.1	0.00	100.00
148.0-149.0	0.0	0.0	3337.1	0.00	100.00
149.0-150.0	0.0	0.0	3337.1	0.00	100.00
150.0-151.0	0.0	0.0	3337.1	0.00	100.00
151.0-152.0	0.0	0.0	3337.1	0.00	100.00
152.0-153.0	0.0	0.0	3337.1	0.00	100.00
153.0-154.0	0.0	0.0	3337.1	0.00	100.00
154.0-155.0	0.0	0.0	3337.1	0.00	100.00
155.0-156.0	0.0	0.0	3337.1	0.00	100.00
156.0-157.0	0.0	0.0	3337.1	0.00	100.00
157.0-158.0	0.0	0.0	3337.1	0.00	100.00
158.0-159.0	0.0	0.0	3337.1	0.00	100.00
159.0-160.0	0.0	0.0	3337.1	0.00	100.00
160.0-161.0	0.0	0.0	3337.1	0.00	100.00
161.0-162.0	0.0	0.0	3337.1	0.00	100.00
162.0-163.0	0.0	0.0	3337.1	0.00	100.00
163.0-164.0	0.0	0.0	3337.1	0.00	100.00
164.0-165.0	0.0	0.0	3337.1	0.00	100.00
165.0-166.0	0.0	0.0	3337.1	0.00	100.00
166.0-167.0	0.0	0.0	3337.1	0.00	100.00
167.0-168.0	0.0	0.0	3337.1	0.00	100.00
168.0-169.0	0.0	0.0	3337.1	0.00	100.00
169.0-170.0	0.0	0.0	3337.1	0.00	100.00
170.0-171.0	0.0	0.0	3337.1	0.00	100.00
171.0-172.0	0.0	0.0	3337.1	0.00	100.00
172.0-173.0	0.0	0.0	3337.1	0.00	100.00
173.0-174.0	0.0	0.0	3337.1	0.00	100.00
174.0-175.0	0.0	0.0	3337.1	0.00	100.00
175.0-176.0	0.0	0.0	3337.1	0.00	100.00
176.0-177.0	0.0	0.0	3337.1	0.00	100.00
177.0-178.0	0.0	0.0	3337.1	0.00	100.00
178.0-179.0	0.0	0.0	3337.1	0.00	100.00
179.0-180.0	0.0	0.0	3337.1	0.00	100.00

C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 9.860 m
Humidity:
Inspector: