

Report No.: TH-5623A

Test Time: 2025/9/10 14:53

Luminaire Property

Luminaire Manufacturer:

Luminaire Category:

Lamp Catalog:

Number of Lamps:

Luminous Length (mm): 240

Luminous Height (mm):

Current: 0.129 A

Power Factor: 0.378

Luminaire Description: 61.02355-243L

Lamp Description:

Lumens per Lamp:

Luminous Width (mm): 20

Voltage: 220.5 V

Power: 10.78 W

Photometric Results

CIE Class: Direct

Measurement Flux: 1133.6 lm

Downward Ratio: 98%

Horizontal Diffuse Angle(50%): H43.3

Vertical Diffuse Angle(50%): V36

Luminaire Efficacy Rating (LER): 105.21

Max. Intensity: 1577.42 cd

S/MH(C0/C180): 0.67

Total Rated Lamp Lumens: 1133.6 lm

Efficiency: 100%

Upward Ratio: 2%

C0r0 Intensity: 1461.2 cd

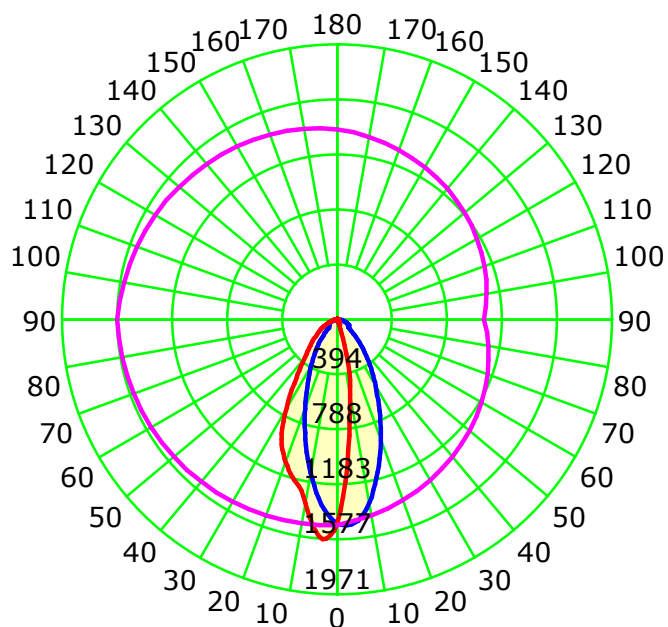
Pos of Max. Intensity: H270 V4

S/MH(C90/C270): 0.48

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

Average Diffuse Angle(50%): 39.2°

— C0-C180 — C90-C270 — G4

C Plane (°):0.0-360.0: 90.0

Test Lab: Inventfine instruments

Test Type: TYPE C

Temperature: 26

Operator: Jack

Gamma Plane (°):0.0-180.0:1.0

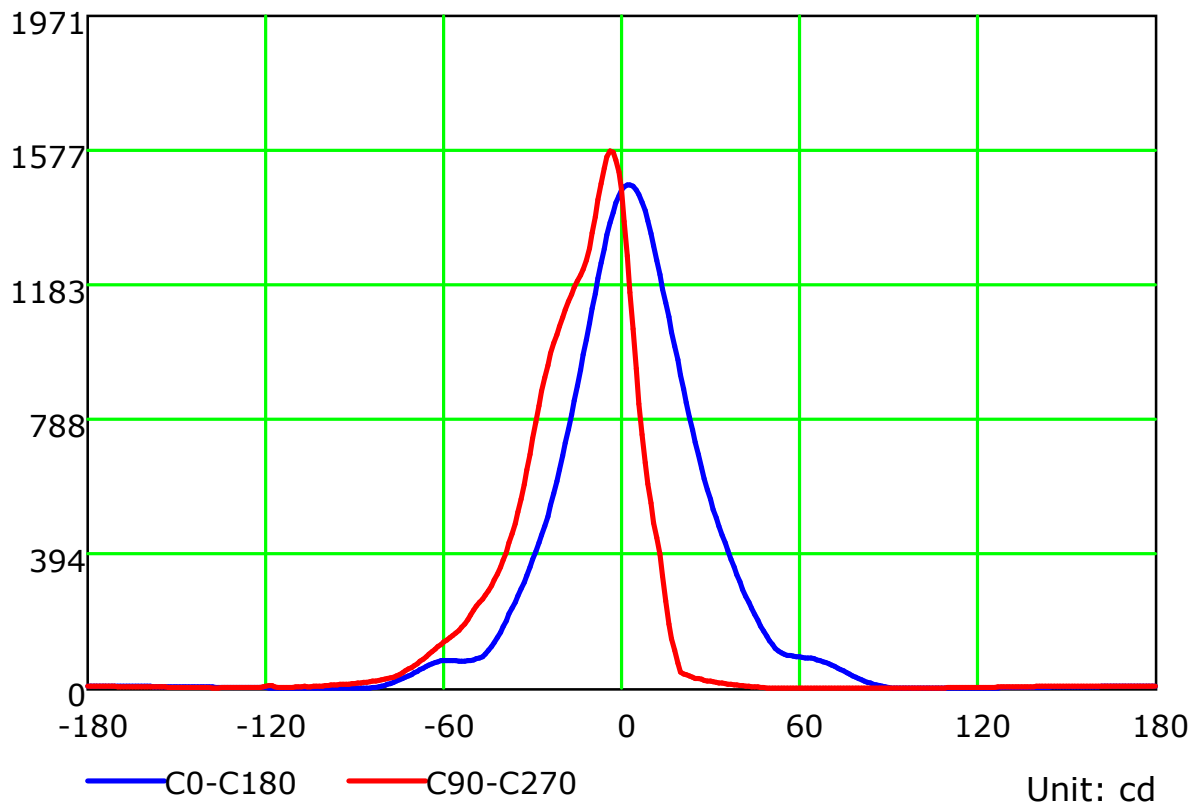
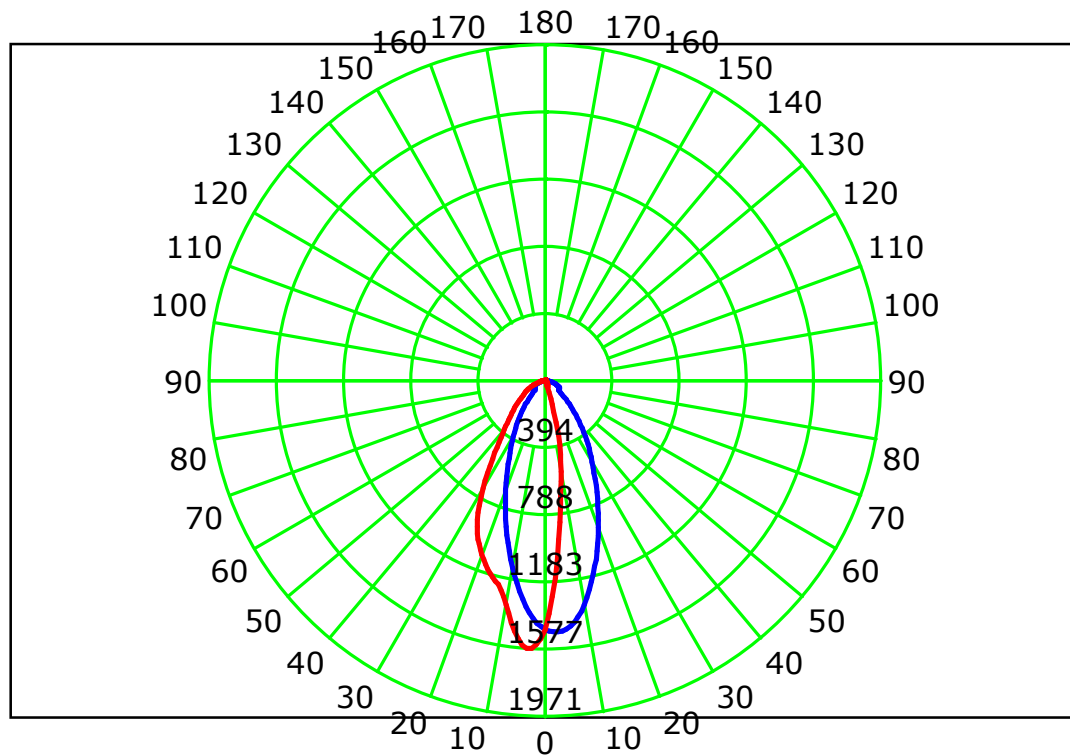
Test Device: GPM-1800B

Distance: 8.705 m [K=1.0000]

Humidity: 65

Inspector:

Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 90.0
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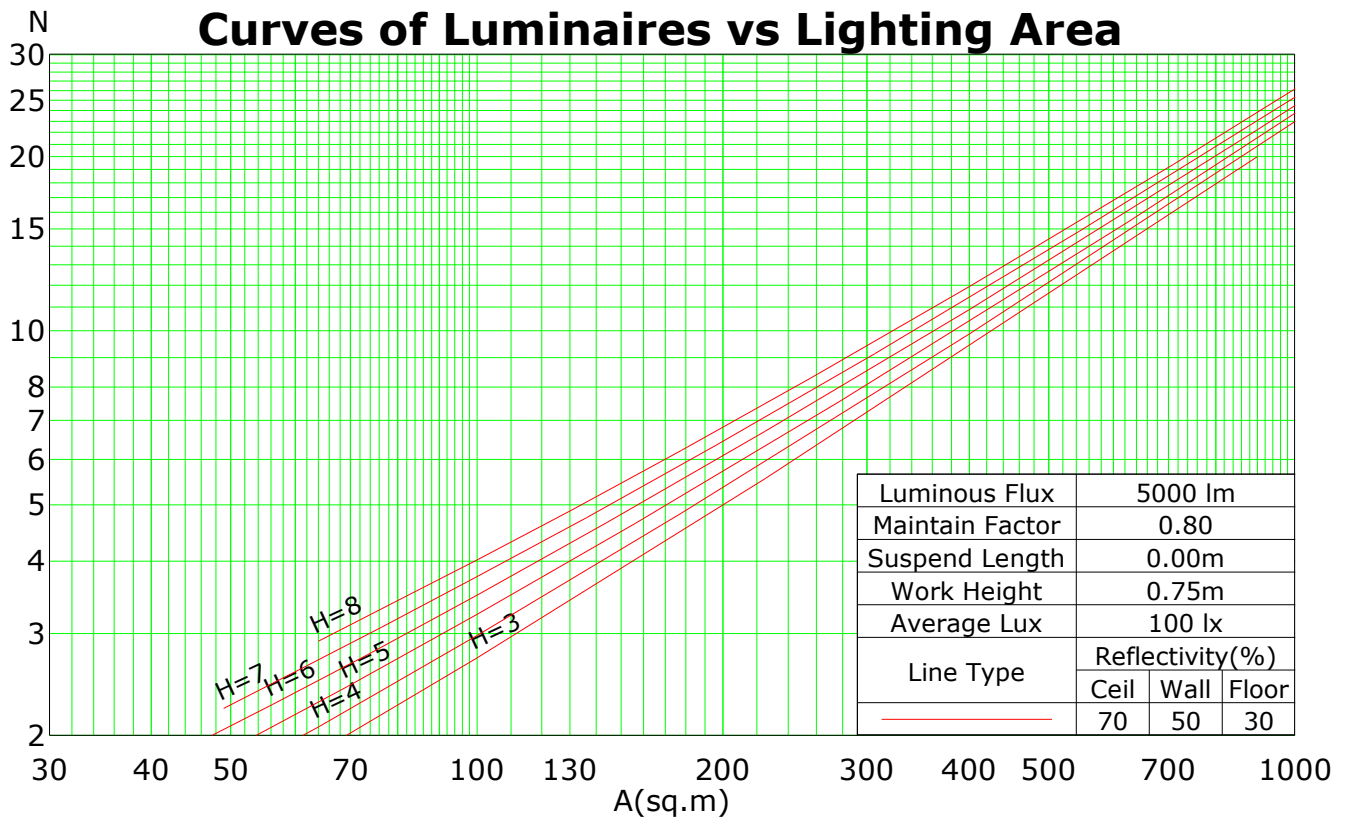
Coefficients Of Utilization - Zonal Cavity Method

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	1.19	1.19	1.19	1.19	1.16	1.16	1.16	1.16	1.10	1.10	1.10	1.05	1.05	1.05	1.00	1.00	1.00	0.98
1	1.11	1.08	1.04	1.01	1.08	1.05	1.02	1.00	1.01	0.98	0.96	0.97	0.95	0.93	0.93	0.91	0.90	0.88
2	1.04	0.98	0.93	0.88	1.01	0.96	0.91	0.87	0.92	0.88	0.85	0.89	0.86	0.83	0.86	0.83	0.81	0.79
3	0.97	0.89	0.83	0.78	0.95	0.88	0.82	0.77	0.85	0.80	0.76	0.82	0.78	0.74	0.79	0.76	0.73	0.71
4	0.91	0.82	0.75	0.70	0.89	0.81	0.74	0.70	0.78	0.73	0.68	0.76	0.71	0.67	0.74	0.70	0.66	0.65
5	0.86	0.76	0.69	0.64	0.84	0.75	0.68	0.63	0.72	0.67	0.62	0.71	0.66	0.62	0.69	0.64	0.61	0.59
6	0.81	0.70	0.63	0.58	0.79	0.69	0.63	0.58	0.68	0.62	0.57	0.66	0.61	0.57	0.64	0.60	0.56	0.54
7	0.76	0.66	0.59	0.54	0.75	0.65	0.58	0.53	0.63	0.57	0.53	0.62	0.56	0.53	0.60	0.56	0.52	0.50
8	0.72	0.61	0.54	0.50	0.71	0.61	0.54	0.50	0.59	0.53	0.49	0.58	0.53	0.49	0.57	0.52	0.49	0.47
9	0.69	0.58	0.51	0.46	0.67	0.57	0.51	0.46	0.56	0.50	0.46	0.55	0.50	0.46	0.54	0.49	0.45	0.44
10	0.65	0.54	0.48	0.44	0.64	0.54	0.48	0.43	0.53	0.47	0.43	0.52	0.47	0.43	0.51	0.46	0.43	0.41

Spacing Criteria (0-180): 0.67

Spacing Criteria (90-270): 0.48

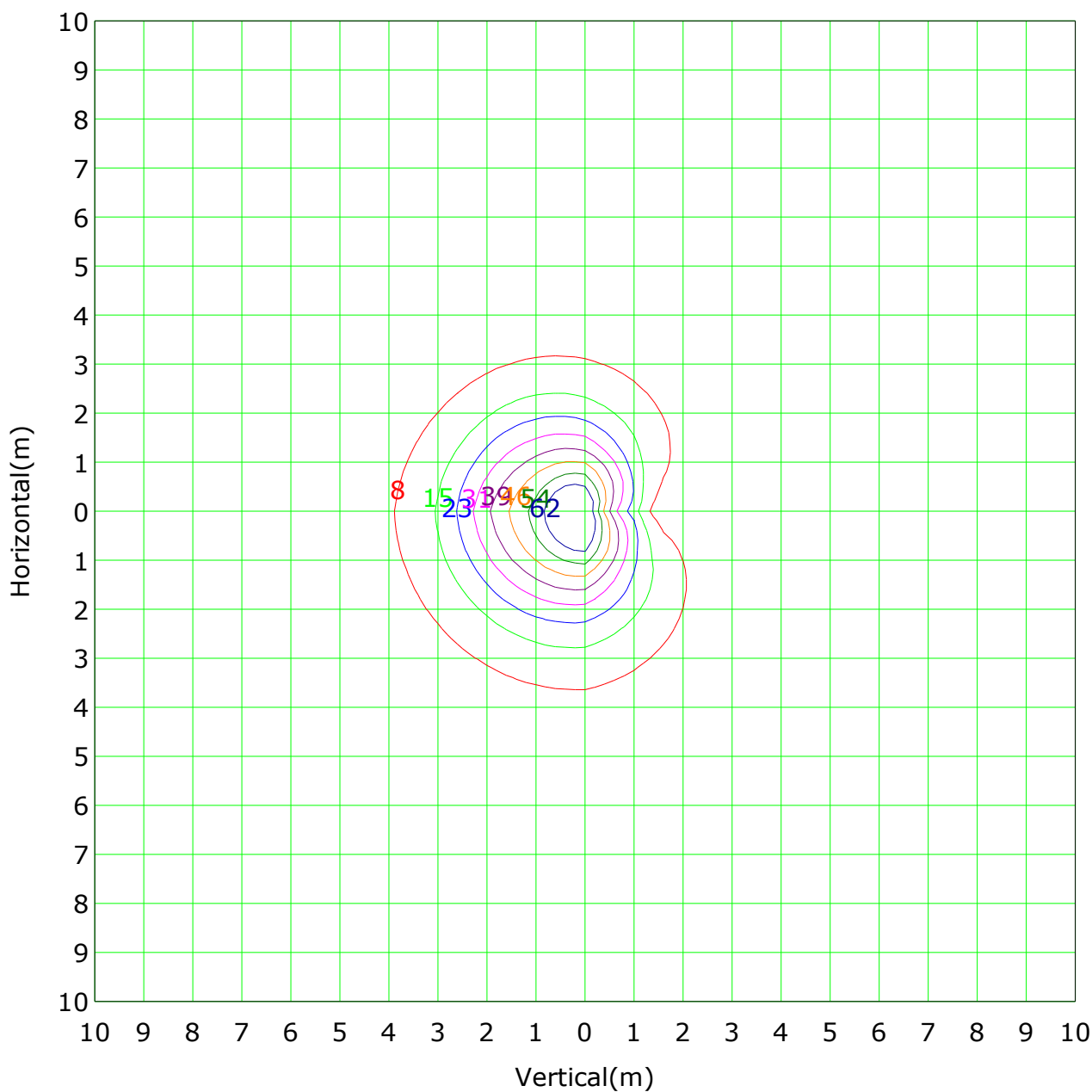
Spacing Criteria (Diagonal): 0.71



C Plane (°):0.0-360.0: 90.0
 Test Lab: Inventfine instruments
 Test Type: TYPE C
 Temperature: 26
 Operator: Jack

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 8.705 m [K=1.0000]
 Humidity: 65
 Inspector:

IsoLux Plot



Mounting Height: 4.5m		Max Lux(100%): 77.4 lx	
(10%):	7.7 lx	(20%):	15.5 lx
(30%):	23.2 lx	(40%):	31.0 lx
(50%):	38.7 lx	(60%):	46.4 lx
(70%):	54.2 lx	(80%):	61.9 lx

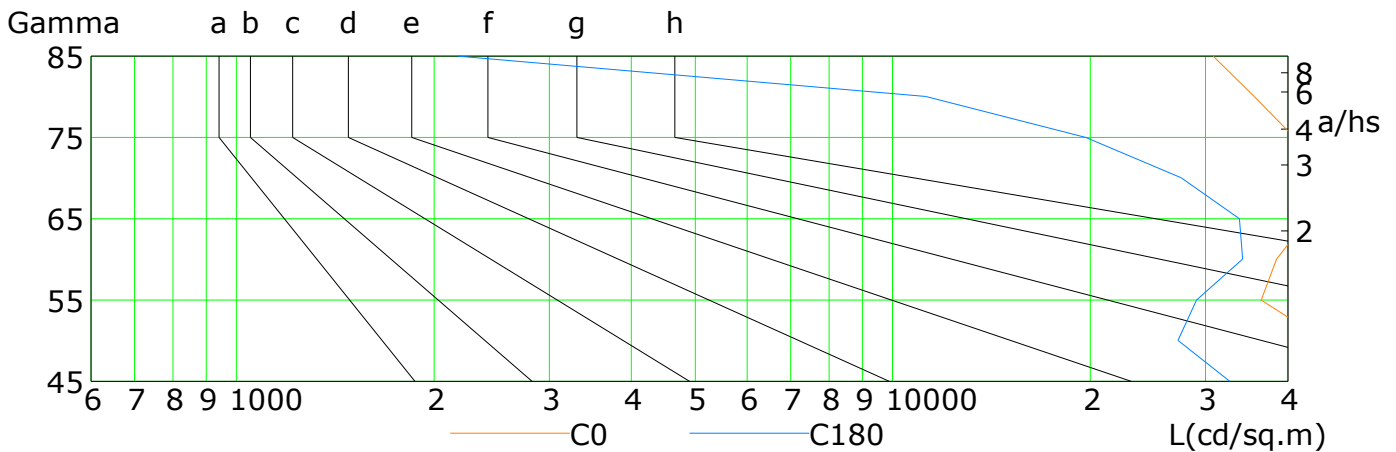
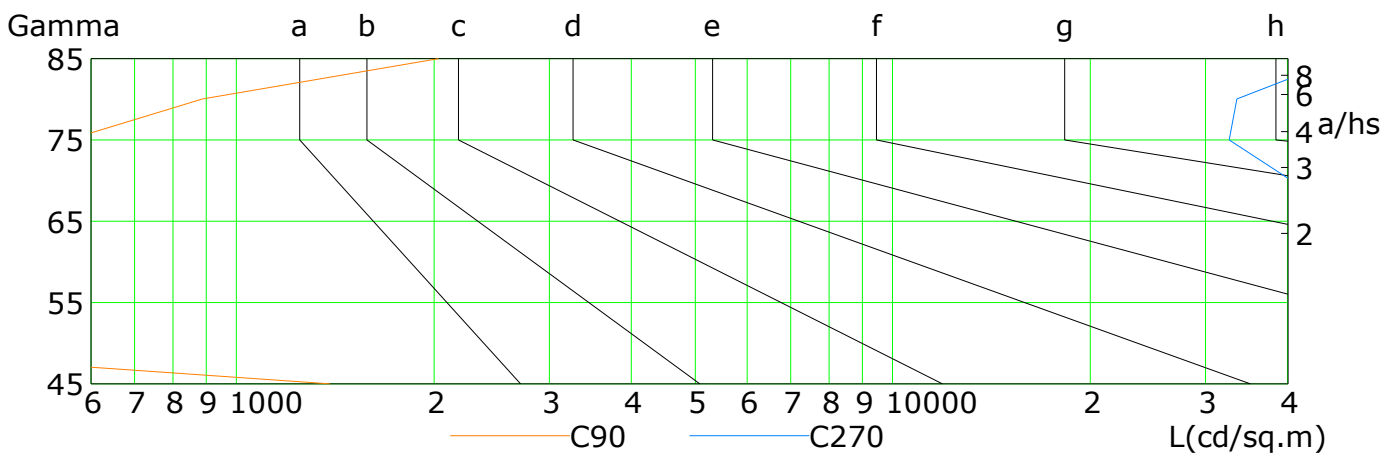
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 Test Lab: Inventfine instruments
 Test Type: TYPE C
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 Humidity: 65
 Inspector:

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

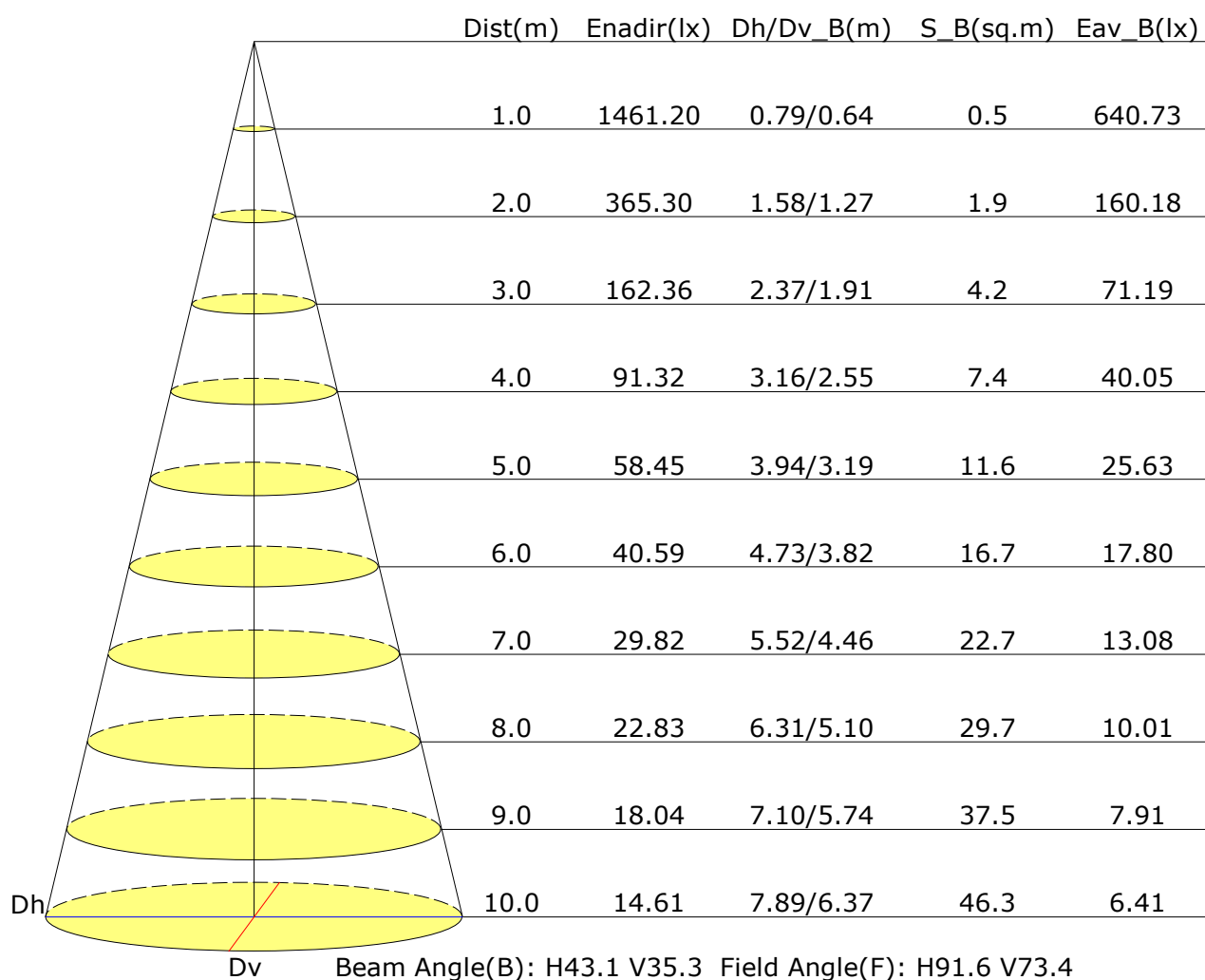


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	63825	45566	36419	38445	42799	43804	40946	35588	30781
C90	1388	185	225	258	281	378	547	888	2032
C180	32664	27238	29065	34146	33799	27532	19676	11227	2175
C270	84443	74633	61976	56365	49121	40509	32563	33425	47872

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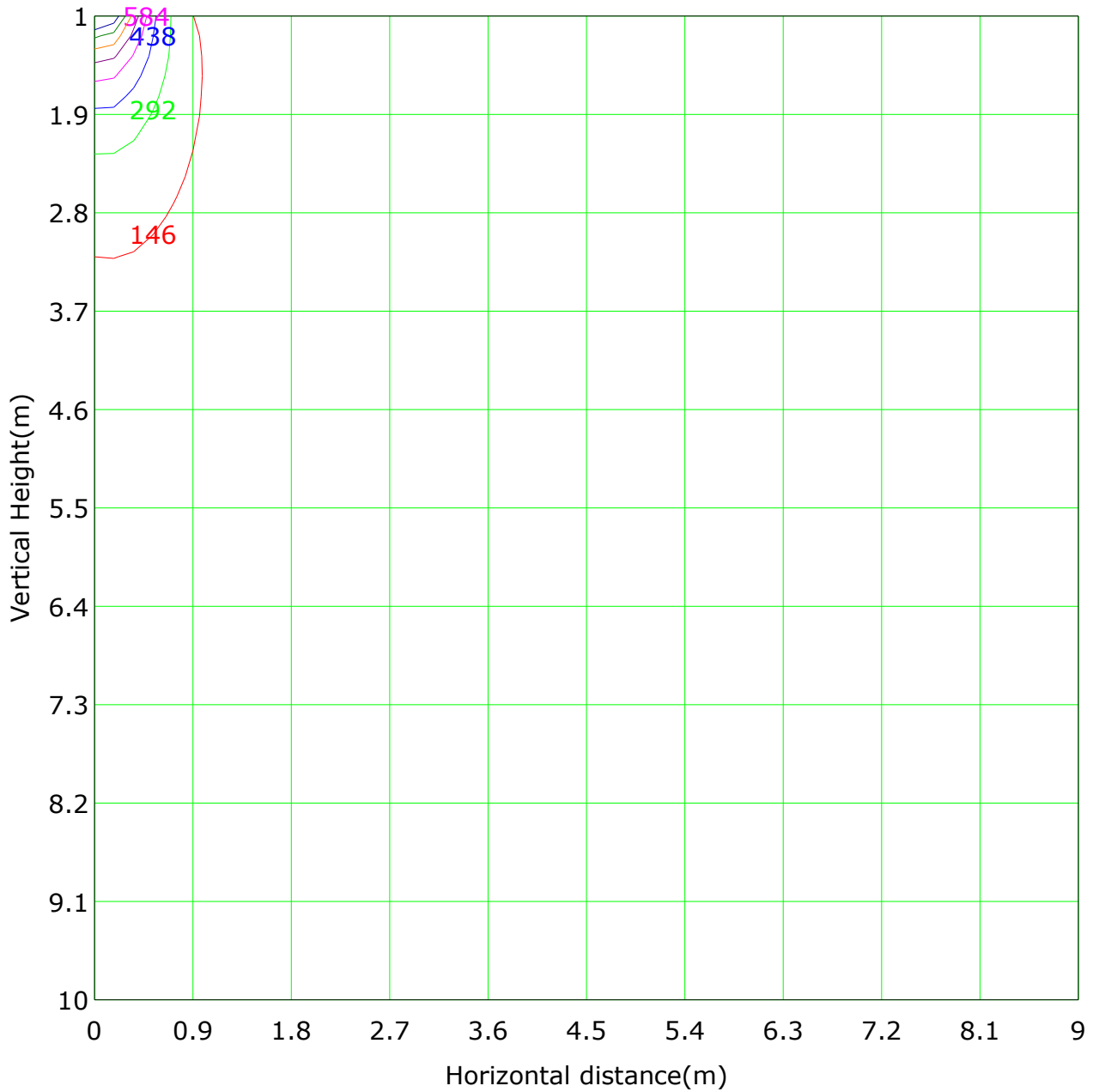
Illuminance at a Distance



C Plane (°):0.0-360.0: 90.0
Test Lab: Inventfine instruments
Test Type: TYPE C
Temperature: 26
Operator: Jack

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.705 m [K=1.0000]
Humidity: 65
Inspector:

Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 10.0m Max Lux: 1461.2 lx

(10%): 146.1 lx	(20%): 292.2 lx
(30%): 438.4 lx	(40%): 584.5 lx
(50%): 730.6 lx	(60%): 876.7 lx
(70%): 1022.8 lx	(80%): 1169.0 lx

C Plane (°): 0.0-360.0: 90.0
 Test Lab: Inventfine instruments
 Test Type: TYPE C
 Temperature: 26
 Operator: Jack

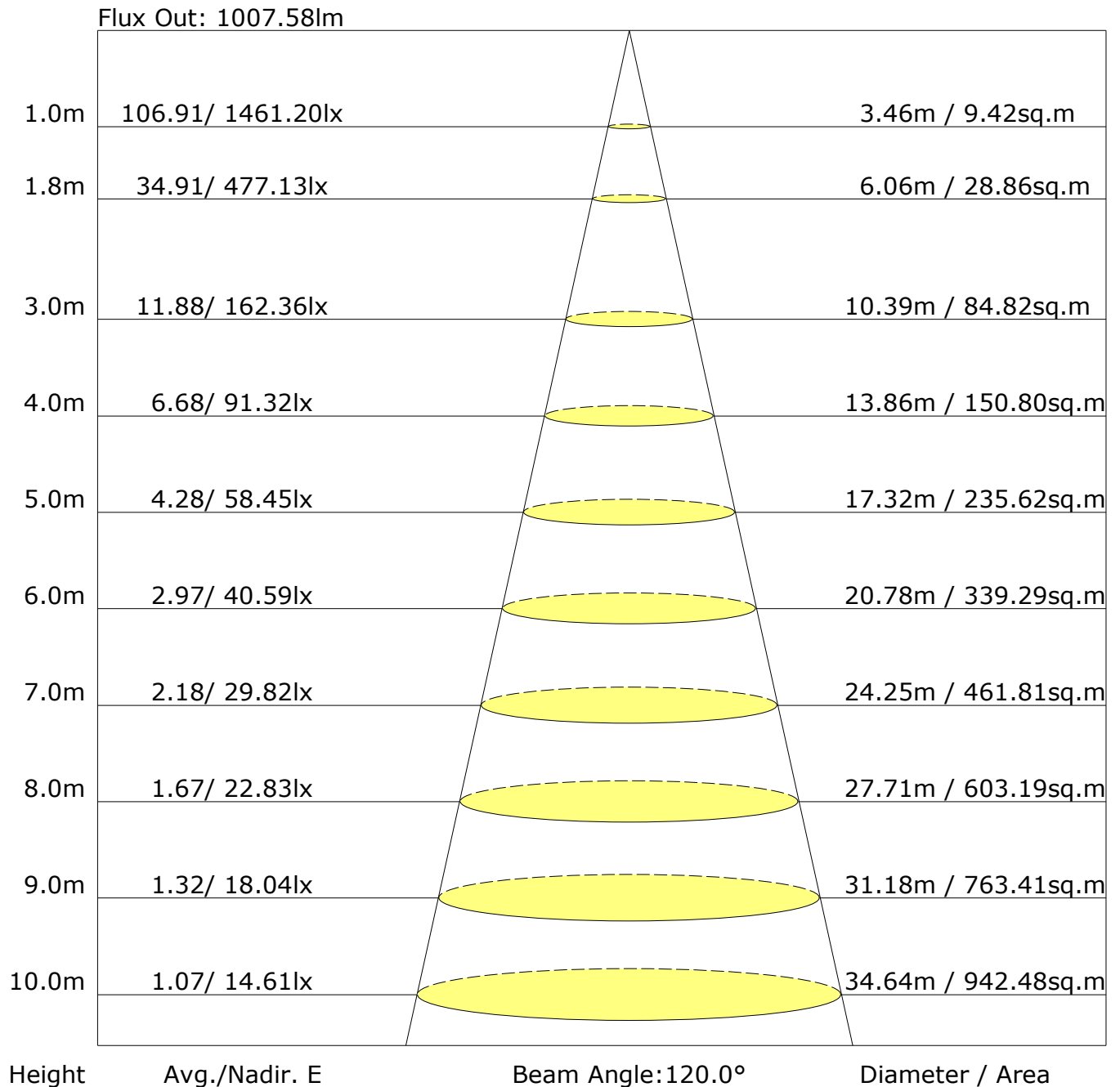
Gamma Plane (°): 0.0-180.0: 1.0
 Test Device: GPM-1800B
 Distance: 8.705 m [K=1.0000]
 Humidity: 65
 Inspector:

Unit: lm

Horizontal plane

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.705 m [K=1.0000]
Humidity: 65
Inspector:

The Average Illuminance Effective Figure



C Plane (°): 0.0-360.0: 90.0
 Test Lab: Inventfine instruments
 Test Type: TYPE C
 Temperature: 26
 Operator: Jack

Gamma Plane (°): 0.0-180.0: 1.0
 Test Device: GPM-1800B
 Distance: 8.705 m [K=1.0000]
 Humidity: 65
 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	24.3	25.4	24.6	25.6	25.9	24.4	25.4	24.7	25.6	25.9
3H	25.9	26.8	26.2	27.1	27.4	25.3	26.2	25.6	26.5	26.8
4H	26.5	27.4	26.9	27.7	28.1	25.6	26.5	25.9	26.8	27.1
6H	27.0	27.8	27.4	28.2	28.5	25.8	26.6	26.2	27.0	27.3
8H	27.2	28.0	27.6	28.3	28.7	25.9	26.7	26.3	27.1	27.4
12H	27.3	28.0	27.7	28.4	28.7	26.1	26.8	26.5	27.2	27.6
X=4H Y=2H	24.8	25.7	25.1	26.0	26.3	24.8	25.7	25.1	26.0	26.3
3H	26.5	27.3	26.9	27.6	28.0	25.9	26.7	26.3	27.0	27.4
4H	27.3	28.0	27.7	28.4	28.8	26.3	27.0	26.7	27.4	27.8
6H	27.9	28.5	28.3	28.9	29.3	26.7	27.3	27.1	27.7	28.1
8H	28.1	28.6	28.6	29.1	29.5	26.8	27.4	27.3	27.8	28.3
12H	28.2	28.7	28.7	29.2	29.7	27.1	27.5	27.5	28.0	28.5
X=8H Y=4H	27.5	28.0	27.9	28.4	28.9	26.6	27.1	27.0	27.5	28.0
6H	28.2	28.6	28.7	29.1	29.6	27.0	27.5	27.5	28.0	28.5
8H	28.5	28.9	29.0	29.3	29.9	27.3	27.7	27.8	28.2	28.7
12H	28.7	29.0	29.2	29.5	30.1	27.6	28.0	28.2	28.5	29.0
X=12H Y=4H	27.4	27.9	27.9	28.4	28.9	26.6	27.1	27.1	27.5	28.0
6H	28.2	28.6	28.7	29.1	29.6	27.1	27.5	27.6	28.0	28.5
8H	28.5	28.9	29.1	29.4	29.9	27.4	27.8	28.0	28.3	28.8
Variations with the observer position at spacings:										
S=1.0H	+0.3/-0.4					+0.8/-0.8				
S=1.5H	+0.9/-0.6					+1.6/-1.3				
S=2.0H	+1.6/-0.7					+2.3/-2.2				

Calculate in accordance with CIE Pub.117. The table is revised with 1134lm ($8\log(F/F_0) = 0.4$).

C Plane (°):0.0-360.0: 90.0
Test Lab: Inventfine instruments
Test Type: TYPE C
Temperature: 26
Operator: Jack

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.705 m [K=1.0000]
Humidity: 65
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	1455.8	1.4	1.4	0.12	0.12
1.0-2.0	1440.1	4.1	5.5	0.36	0.49
2.0-3.0	1415.9	6.8	12.3	0.60	1.09
3.0-4.0	1384.7	9.3	21.6	0.82	1.90
4.0-5.0	1345.4	11.6	33.1	1.02	2.92
5.0-6.0	1298.9	13.7	46.8	1.20	4.13
6.0-7.0	1249.7	15.5	62.3	1.37	5.50
7.0-8.0	1200.0	17.2	79.5	1.52	7.01
8.0-9.0	1151.8	18.7	98.2	1.65	8.66
9.0-10.0	1105.3	20.0	118.2	1.76	10.42
10.0-11.0	1059.2	21.2	139.3	1.87	12.29
11.0-12.0	1015.0	22.2	161.5	1.96	14.25
12.0-13.0	973.4	23.1	184.6	2.04	16.29
13.0-14.0	932.7	23.9	208.5	2.11	18.39
14.0-15.0	889.7	24.4	232.9	2.16	20.55
15.0-16.0	846.2	24.8	257.7	2.19	22.74
16.0-17.0	806.4	25.1	282.8	2.22	24.95
17.0-18.0	770.0	25.4	308.2	2.24	27.19
18.0-19.0	734.6	25.6	333.8	2.25	29.45
19.0-20.0	700.7	25.6	359.4	2.26	31.71
20.0-21.0	670.3	25.7	385.2	2.27	33.98
21.0-22.0	643.5	25.9	411.0	2.28	36.26
22.0-23.0	617.4	25.9	437.0	2.29	38.55
23.0-24.0	591.2	25.9	462.8	2.28	40.83
24.0-25.0	564.4	25.7	488.5	2.26	43.09
25.0-26.0	538.0	25.4	513.9	2.24	45.33
26.0-27.0	512.3	25.1	538.9	2.21	47.54
27.0-28.0	486.5	24.6	563.6	2.17	49.72
28.0-29.0	460.5	24.1	587.7	2.13	51.84
29.0-30.0	434.5	23.5	611.1	2.07	53.91
30.0-31.0	409.2	22.8	633.9	2.01	55.92
31.0-32.0	384.8	22.0	656.0	1.94	57.87
32.0-33.0	361.8	21.3	677.3	1.88	59.75
33.0-34.0	339.4	20.5	697.8	1.81	61.56
34.0-35.0	317.7	19.7	717.6	1.74	63.30
35.0-36.0	298.0	19.0	736.5	1.67	64.97

C Plane (°):0.0-360.0: 90.0
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 Temperature: 26
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Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 8.705 m [K=1.0000]
 Humidity: 65
 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	279.2	18.2	754.7	1.61	66.58
37.0-38.0	261.3	17.4	772.2	1.54	68.12
38.0-39.0	244.1	16.7	788.9	1.47	69.59
39.0-40.0	227.6	15.9	804.7	1.40	70.99
40.0-41.0	212.2	15.1	819.8	1.33	72.32
41.0-42.0	197.5	14.4	834.2	1.27	73.59
42.0-43.0	184.2	13.6	847.8	1.20	74.79
43.0-44.0	172.1	13.0	860.8	1.15	75.94
44.0-45.0	160.5	12.3	873.2	1.09	77.03
45.0-46.0	149.3	11.7	884.8	1.03	78.06
46.0-47.0	139.7	11.1	895.9	0.98	79.04
47.0-48.0	131.6	10.6	906.6	0.94	79.98
48.0-49.0	124.3	10.2	916.8	0.90	80.88
49.0-50.0	117.3	9.8	926.6	0.86	81.74
50.0-51.0	110.2	9.3	935.9	0.82	82.56
51.0-52.0	103.4	8.9	944.8	0.78	83.34
52.0-53.0	97.5	8.5	953.3	0.75	84.09
53.0-54.0	92.9	8.2	961.4	0.72	84.81
54.0-55.0	89.4	8.0	969.4	0.70	85.52
55.0-56.0	86.6	7.8	977.2	0.69	86.21
56.0-57.0	84.4	7.7	985.0	0.68	86.89
57.0-58.0	82.6	7.6	992.6	0.67	87.56
58.0-59.0	80.7	7.5	1000.1	0.67	88.23
59.0-60.0	78.6	7.4	1007.6	0.66	88.88
60.0-61.0	76.5	7.3	1014.9	0.64	89.53
61.0-62.0	74.2	7.1	1022.0	0.63	90.16
62.0-63.0	71.5	7.0	1029.0	0.61	90.77
63.0-64.0	68.8	6.7	1035.7	0.60	91.37
64.0-65.0	65.6	6.5	1042.2	0.57	91.94
65.0-66.0	62.2	6.2	1048.4	0.55	92.49
66.0-67.0	58.6	5.9	1054.3	0.52	93.01
67.0-68.0	54.9	5.6	1059.9	0.49	93.50
68.0-69.0	51.3	5.2	1065.1	0.46	93.96
69.0-70.0	47.8	4.9	1070.0	0.43	94.39
70.0-71.0	44.4	4.6	1074.6	0.40	94.80
71.0-72.0	41.1	4.3	1078.9	0.38	95.18

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 Temperature: 26
 Operator: Jack

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 8.705 m [K=1.0000]
 Humidity: 65
 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	37.7	3.9	1082.8	0.35	95.52
73.0-74.0	34.3	3.6	1086.4	0.32	95.84
74.0-75.0	30.9	3.3	1089.7	0.29	96.13
75.0-76.0	27.6	2.9	1092.6	0.26	96.39
76.0-77.0	24.9	2.7	1095.3	0.23	96.62
77.0-78.0	22.3	2.4	1097.7	0.21	96.83
78.0-79.0	20.0	2.1	1099.8	0.19	97.02
79.0-80.0	17.9	1.9	1101.8	0.17	97.19
80.0-81.0	15.9	1.7	1103.5	0.15	97.34
81.0-82.0	14.0	1.5	1105.0	0.13	97.48
82.0-83.0	12.2	1.3	1106.3	0.12	97.60
83.0-84.0	10.6	1.2	1107.5	0.10	97.70
84.0-85.0	9.3	1.0	1108.5	0.09	97.79
85.0-86.0	8.1	0.9	1109.4	0.08	97.86
86.0-87.0	7.2	0.8	1110.2	0.07	97.93
87.0-88.0	6.4	0.7	1110.9	0.06	98.00
88.0-89.0	5.6	0.6	1111.5	0.05	98.05
89.0-90.0	5.0	0.5	1112.0	0.05	98.10
90.0-91.0	4.5	0.5	1112.5	0.04	98.14
91.0-92.0	4.1	0.5	1113.0	0.04	98.18
92.0-93.0	3.8	0.4	1113.4	0.04	98.22
93.0-94.0	3.7	0.4	1113.8	0.04	98.25
94.0-95.0	3.6	0.4	1114.2	0.03	98.29
95.0-96.0	3.5	0.4	1114.6	0.03	98.32
96.0-97.0	3.3	0.4	1114.9	0.03	98.35
97.0-98.0	3.2	0.3	1115.3	0.03	98.38
98.0-99.0	3.1	0.3	1115.6	0.03	98.41
99.0-100.0	2.9	0.3	1115.9	0.03	98.44
100.0-101.0	2.7	0.3	1116.2	0.03	98.47
101.0-102.0	2.5	0.3	1116.5	0.02	98.49
102.0-103.0	2.4	0.3	1116.7	0.02	98.51
103.0-104.0	2.3	0.2	1117.0	0.02	98.53
104.0-105.0	2.2	0.2	1117.2	0.02	98.56
105.0-106.0	2.3	0.2	1117.5	0.02	98.58
106.0-107.0	2.4	0.2	1117.7	0.02	98.60
107.0-108.0	2.3	0.2	1117.9	0.02	98.62

C Plane (°):0.0-360.0: 90.0
 Test Lab: Inventfine instruments
 Test Type: TYPE C
 Temperature: 26
 Operator: Jack

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 8.705 m [K=1.0000]
 Humidity: 65
 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	2.2	0.2	1118.2	0.02	98.64
109.0-110.0	2.2	0.2	1118.4	0.02	98.66
110.0-111.0	2.1	0.2	1118.6	0.02	98.68
111.0-112.0	2.0	0.2	1118.8	0.02	98.70
112.0-113.0	2.0	0.2	1119.0	0.02	98.72
113.0-114.0	2.0	0.2	1119.2	0.02	98.73
114.0-115.0	2.1	0.2	1119.4	0.02	98.75
115.0-116.0	2.1	0.2	1119.6	0.02	98.77
116.0-117.0	2.4	0.2	1119.9	0.02	98.79
117.0-118.0	3.0	0.3	1120.2	0.03	98.82
118.0-119.0	3.5	0.3	1120.5	0.03	98.85
119.0-120.0	3.5	0.3	1120.8	0.03	98.87
120.0-121.0	3.0	0.3	1121.1	0.03	98.90
121.0-122.0	2.7	0.3	1121.4	0.02	98.92
122.0-123.0	2.6	0.2	1121.6	0.02	98.94
123.0-124.0	2.6	0.2	1121.8	0.02	98.96
124.0-125.0	2.7	0.2	1122.1	0.02	98.99
125.0-126.0	2.8	0.2	1122.3	0.02	99.01
126.0-127.0	2.9	0.3	1122.6	0.02	99.03
127.0-128.0	3.0	0.3	1122.8	0.02	99.05
128.0-129.0	3.0	0.3	1123.1	0.02	99.08
129.0-130.0	3.1	0.3	1123.4	0.02	99.10
130.0-131.0	3.1	0.3	1123.6	0.02	99.12
131.0-132.0	3.2	0.3	1123.9	0.02	99.15
132.0-133.0	3.2	0.3	1124.2	0.02	99.17
133.0-134.0	3.2	0.3	1124.4	0.02	99.19
134.0-135.0	3.3	0.3	1124.7	0.02	99.21
135.0-136.0	3.3	0.3	1124.9	0.02	99.24
136.0-137.0	3.3	0.3	1125.2	0.02	99.26
137.0-138.0	3.4	0.3	1125.4	0.02	99.28
138.0-139.0	3.6	0.3	1125.7	0.02	99.30
139.0-140.0	3.7	0.3	1126.0	0.02	99.33
140.0-141.0	4.0	0.3	1126.2	0.02	99.35
141.0-142.0	4.3	0.3	1126.5	0.03	99.38
142.0-143.0	4.4	0.3	1126.8	0.03	99.40
143.0-144.0	4.5	0.3	1127.1	0.03	99.43

C Plane (°):0.0-360.0: 90.0
 Test Lab: Inventfine instruments
 Test Type: TYPE C
 Temperature: 26
 Operator: Jack

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 8.705 m [K=1.0000]
 Humidity: 65
 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	4.6	0.3	1127.4	0.03	99.45
145.0-146.0	4.7	0.3	1127.7	0.03	99.48
146.0-147.0	4.7	0.3	1128.0	0.03	99.51
147.0-148.0	4.8	0.3	1128.3	0.02	99.53
148.0-149.0	4.8	0.3	1128.5	0.02	99.55
149.0-150.0	4.9	0.3	1128.8	0.02	99.58
150.0-151.0	5.0	0.3	1129.1	0.02	99.60
151.0-152.0	5.1	0.3	1129.3	0.02	99.63
152.0-153.0	5.2	0.3	1129.6	0.02	99.65
153.0-154.0	5.3	0.3	1129.9	0.02	99.67
154.0-155.0	5.4	0.3	1130.1	0.02	99.69
155.0-156.0	5.5	0.3	1130.4	0.02	99.72
156.0-157.0	5.6	0.2	1130.6	0.02	99.74
157.0-158.0	5.7	0.2	1130.9	0.02	99.76
158.0-159.0	5.7	0.2	1131.1	0.02	99.78
159.0-160.0	5.7	0.2	1131.3	0.02	99.80
160.0-161.0	5.8	0.2	1131.5	0.02	99.82
161.0-162.0	5.8	0.2	1131.7	0.02	99.84
162.0-163.0	5.9	0.2	1131.9	0.02	99.85
163.0-164.0	5.9	0.2	1132.1	0.02	99.87
164.0-165.0	5.9	0.2	1132.3	0.02	99.88
165.0-166.0	6.0	0.2	1132.4	0.01	99.90
166.0-167.0	6.0	0.2	1132.6	0.01	99.91
167.0-168.0	6.1	0.1	1132.7	0.01	99.93
168.0-169.0	6.1	0.1	1132.9	0.01	99.94
169.0-170.0	6.1	0.1	1133.0	0.01	99.95
170.0-171.0	6.2	0.1	1133.1	0.01	99.96
171.0-172.0	6.2	0.1	1133.2	0.01	99.97
172.0-173.0	6.2	0.1	1133.3	0.01	99.97
173.0-174.0	6.2	0.1	1133.4	0.01	99.98
174.0-175.0	6.2	0.1	1133.4	0.01	99.99
175.0-176.0	6.3	0.1	1133.5	0.00	99.99
176.0-177.0	6.3	0.0	1133.5	0.00	100.00
177.0-178.0	6.3	0.0	1133.6	0.00	100.00
178.0-179.0	6.3	0.0	1133.6	0.00	100.00
179.0-180.0	6.3	0.0	1133.6	0.00	100.00

C Plane (°):0.0-360.0: 90.0
 Test Lab: Inventfine instruments
 Test Type: TYPE C
 Temperature: 26
 Operator: Jack

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 8.705 m [K=1.0000]
 Humidity: 65
 Inspector:

Zonal Lumen (Continue 5)

cone flux(90°): 873.16 lm

%lum = 77.0%

%lamp = 77.0%

cone flux(120°): 1007.58 lm

%lum = 88.9%

%lamp = 88.9%

Candlepower Table

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G0.0	1461.2	1461.2	1461.2	1461.2	1461.2					
G5.0	1462.8	938.5	1331.3	1559.8	1462.8					
G10.0	1335.0	543.5	1114.4	1335.5	1335.0					
G15.0	1130.5	255.5	887.7	1195.8	1130.5					
G20.0	918.6	47.9	682.6	1087.7	918.6					
G25.0	721.2	30.0	504.5	947.2	721.2					
G30.0	554.9	21.4	377.9	732.9	554.9					
G35.0	426.9	14.0	271.2	517.6	426.9					
G40.0	311.9	9.0	181.3	376.7	311.9					
G45.0	216.6	4.7	110.9	286.6	216.6					
G50.0	140.6	0.6	84.0	230.3	140.6					
G55.0	100.3	0.6	80.0	170.6	100.3					
G60.0	92.3	0.6	82.0	135.3	92.3					
G65.0	86.8	0.6	68.6	99.6	86.8					
G70.0	71.9	0.6	45.2	66.5	71.9					
G75.0	50.9	0.7	24.4	40.5	50.9					
G80.0	29.7	0.7	9.4	27.9	29.7					
G85.0	12.9	0.9	0.9	20.0	12.9					
G90.0	2.7	0.9	0.6	14.6	2.7					
G95.0	0.6	1.1	0.7	11.6	0.6					
G100.0	0.6	1.4	0.9	8.4	0.6					
G105.0	0.7	1.6	1.1	5.6	0.7					
G110.0	0.9	1.9	1.3	4.5	0.9					
G115.0	1.1	2.4	1.6	3.2	1.1					
G120.0	1.4	2.9	2.0	7.2	1.4					
G125.0	1.7	3.5	2.4	3.2	1.7					
G130.0	2.1	4.3	2.9	3.2	2.1					
G135.0	2.6	4.9	3.5	2.1	2.6					
G140.0	3.2	5.7	4.0	2.3	3.2					
G145.0	3.8	6.4	4.6	3.7	3.8					
G150.0	4.4	6.9	5.1	3.4	4.4					
G155.0	5.0	7.2	5.4	4.3	5.0					
G160.0	5.5	7.0	5.8	4.7	5.5					
G165.0	5.9	6.8	6.0	5.1	5.9					
G170.0	6.2	6.6	6.2	5.6	6.2					
G175.0	6.4	6.4	6.3	5.9	6.4					
G180.0	6.5	6.2	6.4	6.1	6.5					

C Plane (°):0.0-360.0: 90.0
Test Lab: Inventfine instruments
Test Type: TYPE C
Temperature: 26
Operator: Jack

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.705 m [K=1.0000]
Humidity: 65
Inspector:

LED Average Luminance Report

Avg.L	cd/m ²
L 0-180(65) av	38298.94
L 0-180(75) av	30310.75
L 0-180(85) av	16477.93
L 90-270(65) av	24700.92
L 90-270(75) av	16555.16
L 90-270(85) av	24951.75
L 45(65) av	31499.93
L 45(75) av	23432.96
L 45(85) av	20714.84

Standard: GB/T 29293-2012