

Report No.: 20231011

Test Time: 2023/10/13 14:31

Luminaire Property

Luminaire Manufacturer: Acolyte

Luminaire Category: Nano Pivot

Luminaire Description: Nano pivot RGBW 9.75 4000K - All on

Lamp Catalog: Optic BA 25 degree

Luminous Width (mm): 28

Voltage: 24.0 V

Power: 32.40 W

Luminous Length (mm): 1000

Luminous Height (mm): 36

Current: 1.350 A

Power Factor: 1.000

Photometric Results

CIE Class: Direct

Measurement Flux: 1151.4 lm

Downward Ratio: 94%

Horizontal Diffuse Angle(10%,50%): H54.1,H24

Vertical Diffuse Angle(10%,50%): V54.3,V24.7

Luminaire Efficacy Rating (LER): 36

Max. Intensity: 3546.38 cd

Total Rated Lamp Lumens: 1151.4 lm

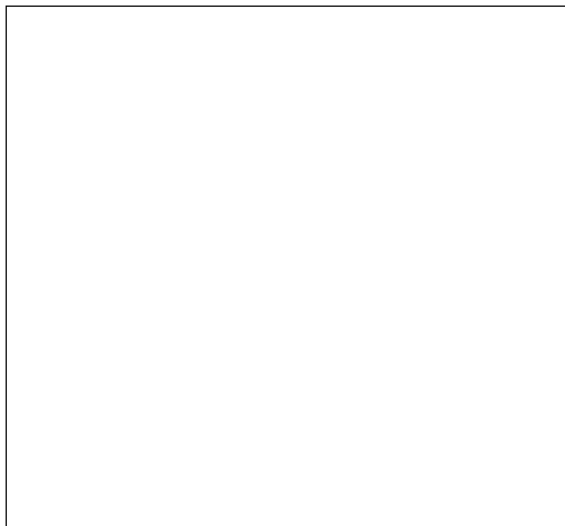
Efficiency: 100%

Upward Ratio: 6%

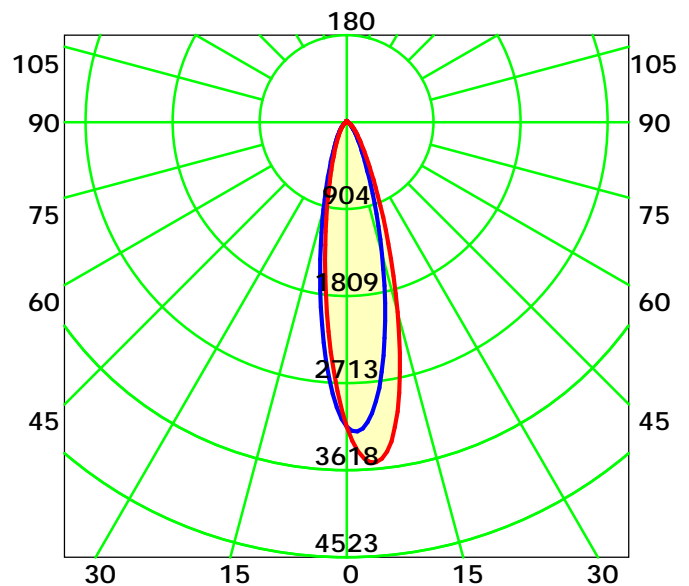
Central Intensity: 3163.21 cd

Pos of Max. Intensity: H90 V5

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 24.3° Unit: cd

— C0-C180 — C90-C270

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature: 25

Operator: Jacky

Gamma Plane (°):0.0-180.0: 1.0

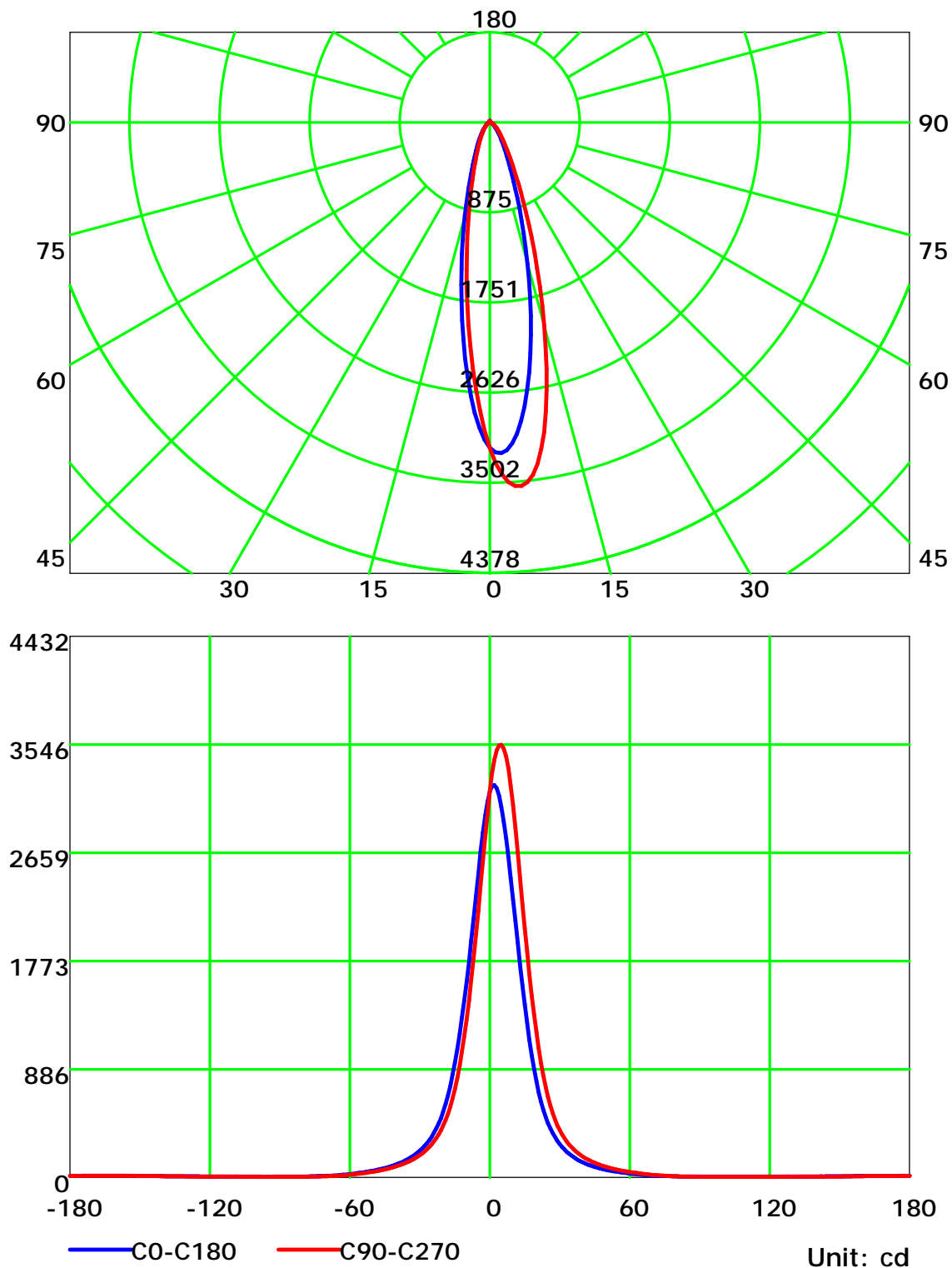
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

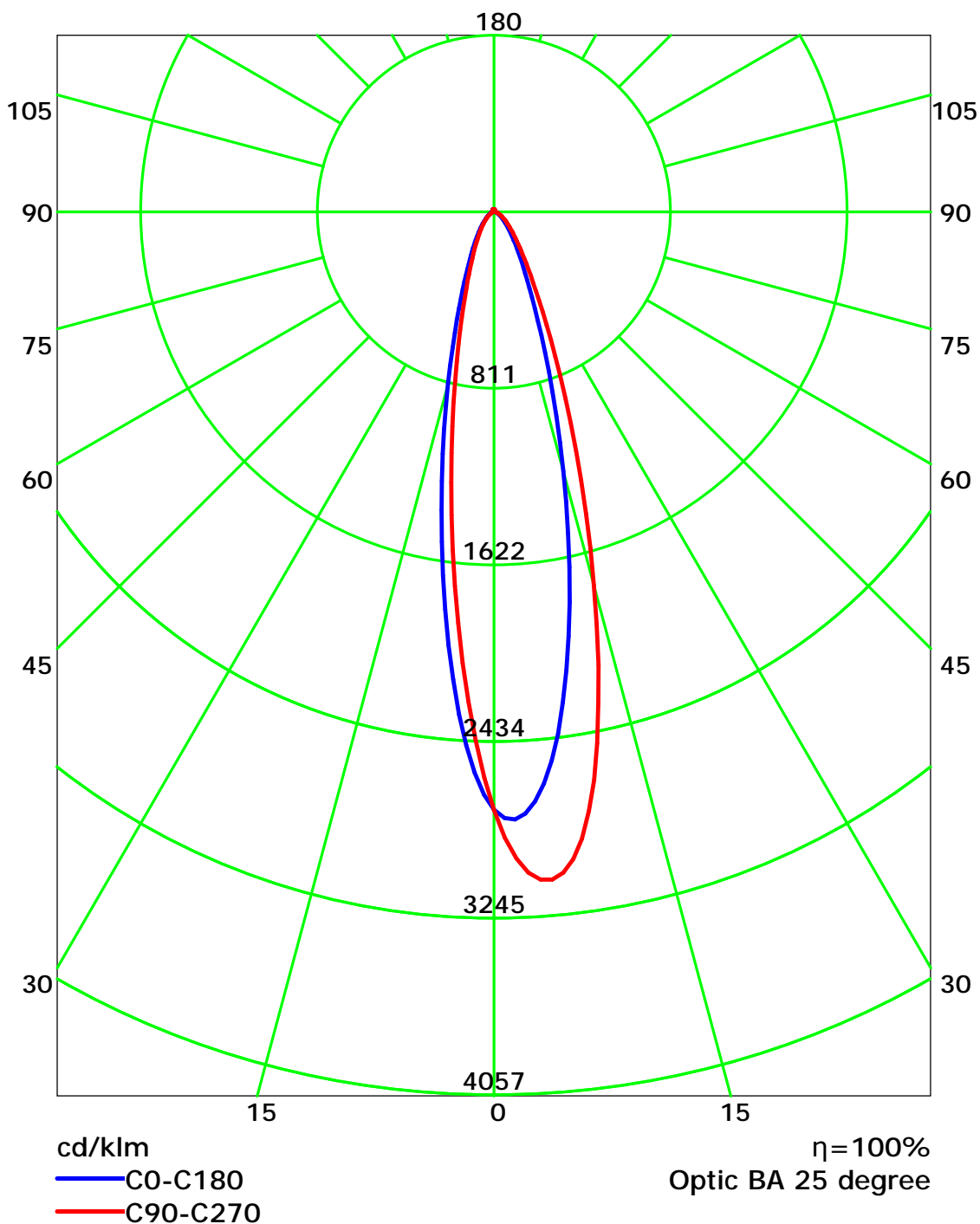
Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:

Luminous Intensity Distribution Curve(cd/klm)



C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:

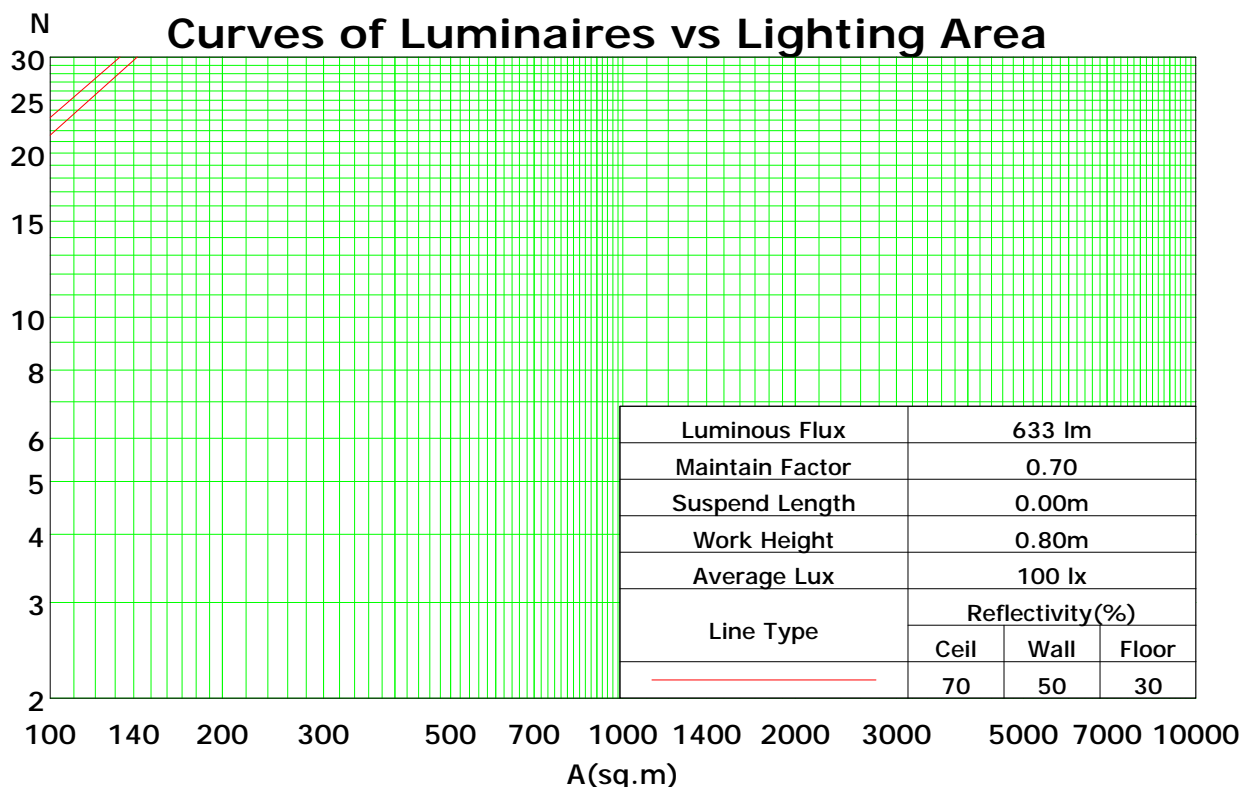
Coefficients Of Utilization - Zonal Cavity Method

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	118	118	118	118	114	114	114	114	108	108	108	102	102	102	97	97	97	94
1	112	109	106	104	109	106	104	102	101	99	97	96	95	94	92	91	90	88
2	106	101	97	93	103	99	95	92	95	92	89	91	89	86	87	85	84	82
3	101	94	89	85	98	93	88	84	89	85	82	86	83	80	83	81	79	77
4	96	89	83	79	94	87	82	78	84	80	77	82	78	75	79	76	74	72
5	92	84	78	74	90	82	77	73	80	76	72	78	74	71	76	73	70	68
6	88	79	74	69	86	78	73	69	76	72	68	74	70	67	73	69	66	65
7	84	75	70	66	83	74	69	65	73	68	65	71	67	64	70	66	63	62
8	81	72	66	62	79	71	66	62	70	65	62	68	64	61	67	63	60	59
9	78	69	63	60	76	68	63	59	67	62	59	65	61	58	64	61	58	57
10	75	66	61	57	74	65	60	57	64	60	56	63	59	56	62	58	56	54

Spacing Criteria (0-180): 0.41

Spacing Criteria (90-270): 0.46

Spacing Criteria (Diagonal): 0.46



C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature: 25

Operator: Jacky

Gamma Plane (°):0.0-180.0: 1.0

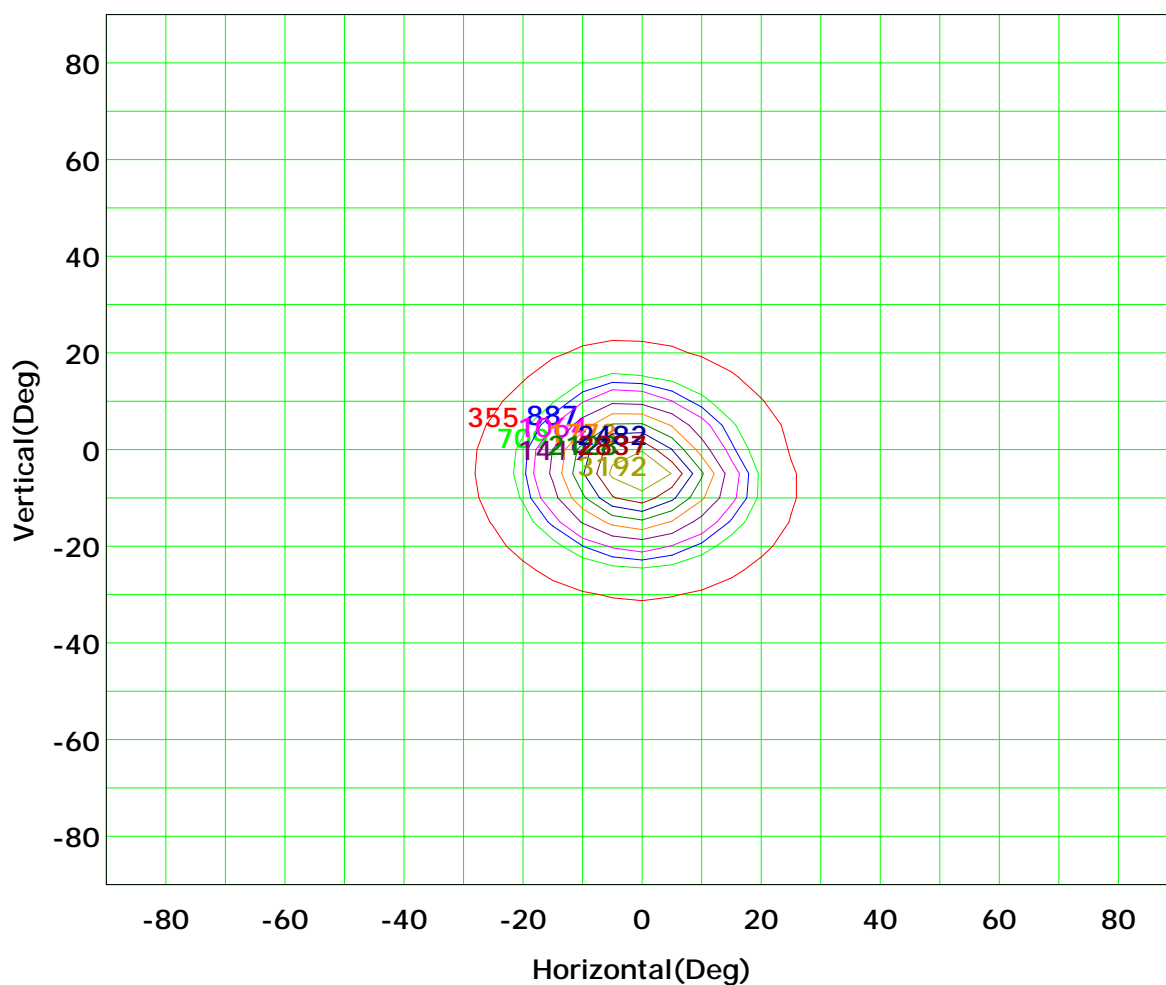
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

Isocandela (rectangle)



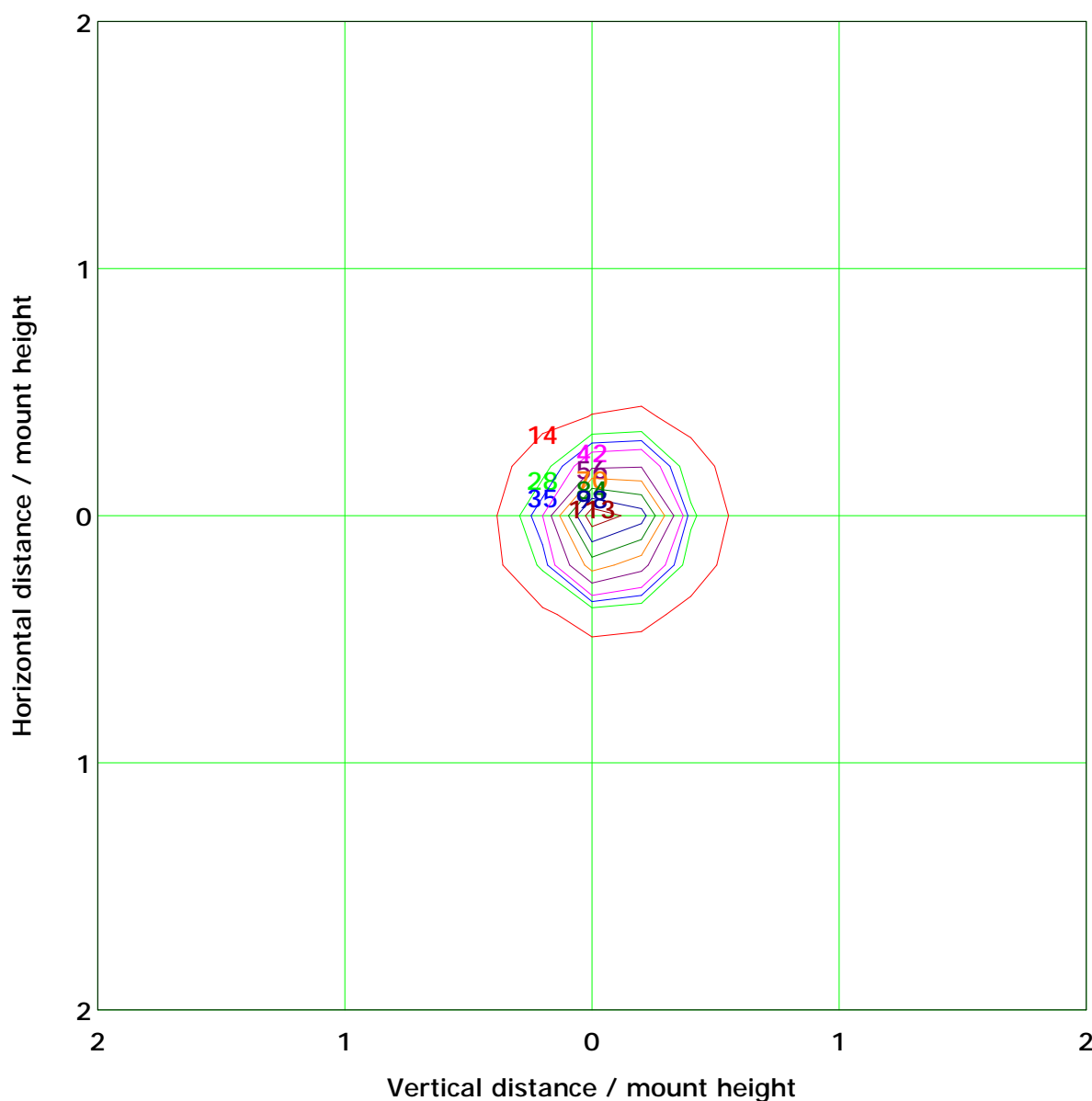
Imax (100%): 3546 cd

(10%): 355 cd	(20%): 709 cd
(25%): 887 cd	(30%): 1064 cd
(40%): 1419 cd	(50%): 1773 cd
(60%): 2128 cd	(70%): 2482 cd
(80%): 2837 cd	(90%): 3192 cd

C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:

IsoLux Plot



Mounting Height: 5.0m Max Lux(100%): 140.6 lx	
(10%): 14.1 lx	(20%): 28.1 lx
(25%): 35.2 lx	(30%): 42.2 lx
(40%): 56.3 lx	(50%): 70.3 lx
(60%): 84.4 lx	(70%): 98.5 lx
(80%): 112.5 lx	(90%): 126.6 lx

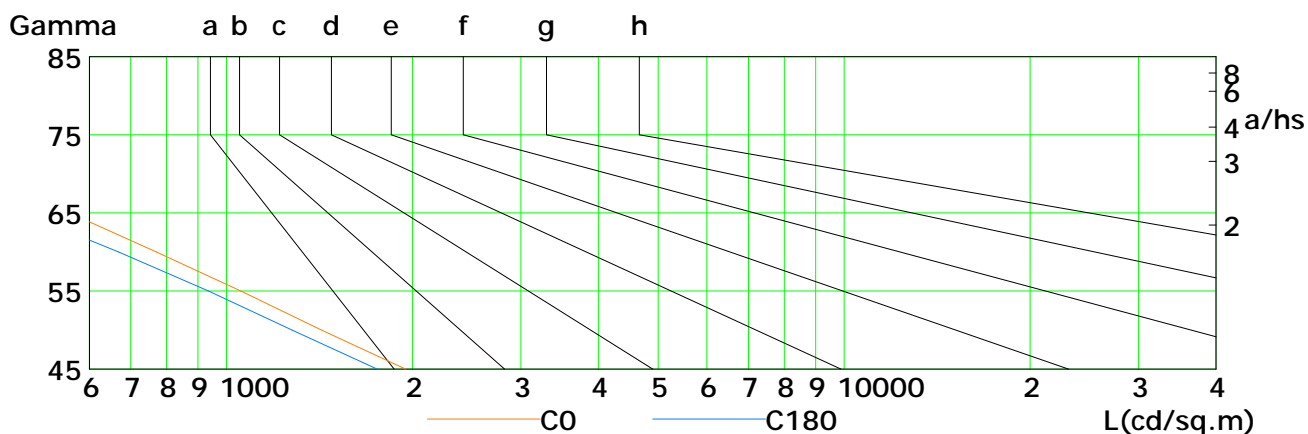
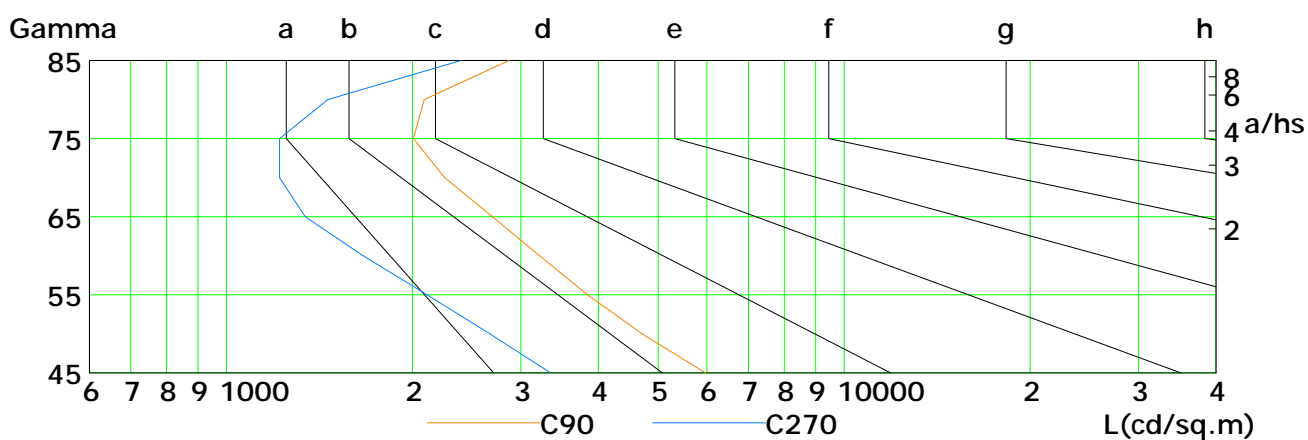
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
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

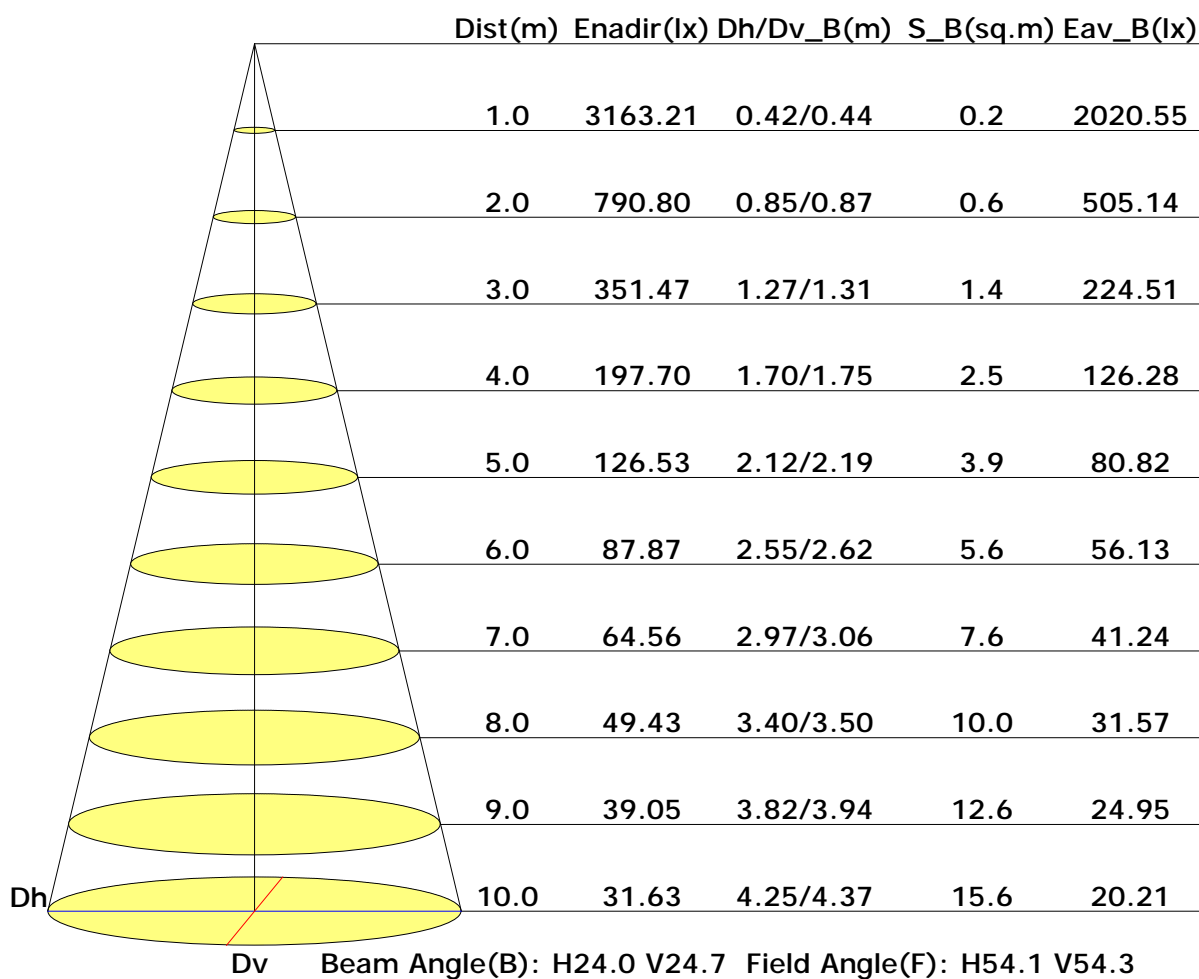


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	1951	1427	1055	770	557	418	344	282	243
C90	5966	4713	3842	3212	2695	2256	2008	2091	2868
C180	1756	1278	935	669	471	367	295	241	235
C270	3349	2671	2113	1665	1342	1219	1220	1460	2398

C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:

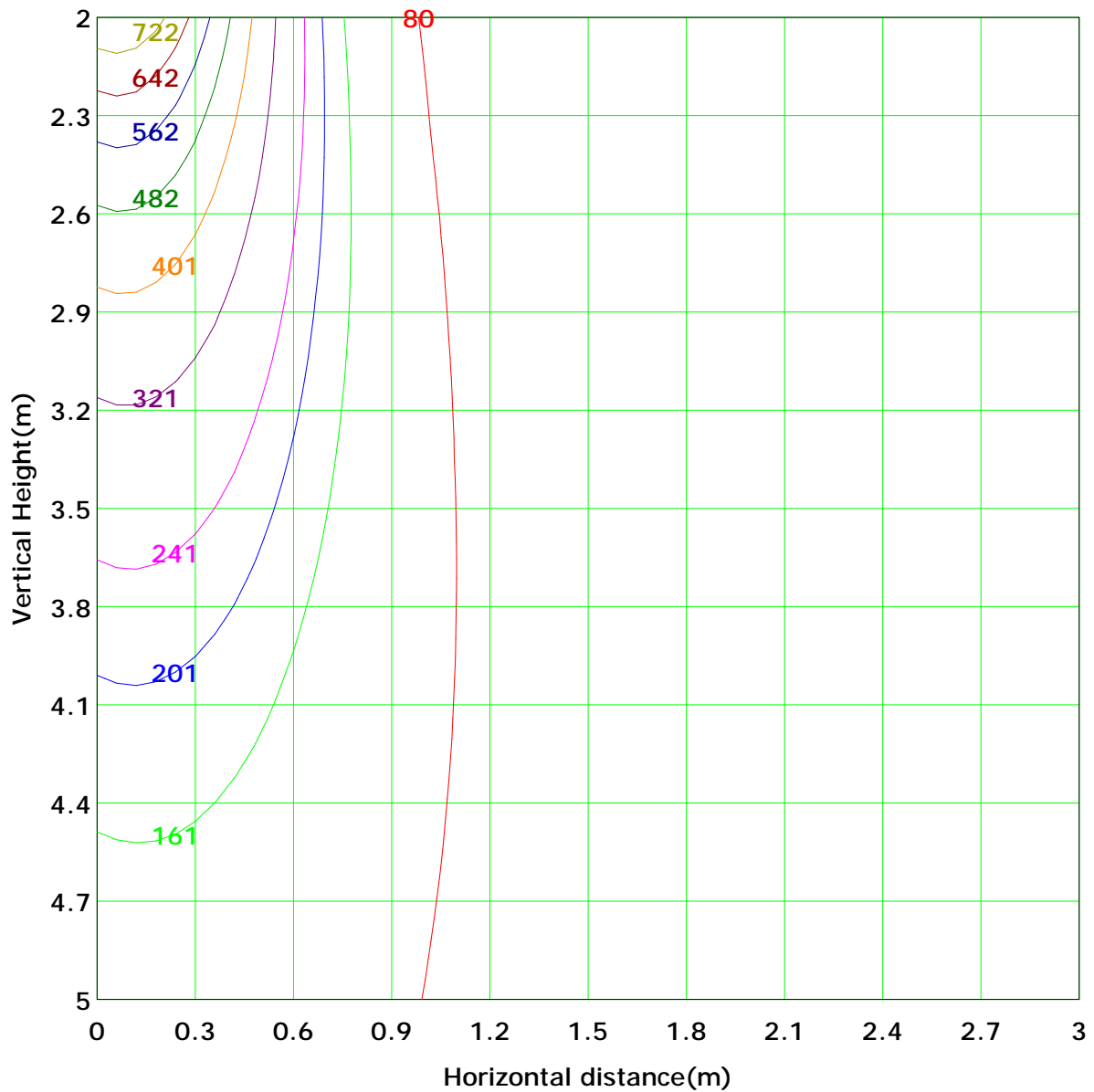
Illuminance at a Distance



C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:

Vertical IsoLux Plot



Lowest(m): 2.0m	Highest(m): 5.0m	Max Lux: 802.7 lx
(10%): 80.3 lx	(20%): 160.5 lx	
(25%): 200.7 lx	(30%): 240.8 lx	
(40%): 321.1 lx	(50%): 401.4 lx	
(60%): 481.6 lx	(70%): 561.9 lx	
(80%): 642.2 lx	(90%): 722.4 lx	

C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:

Area Flux Table

Unit: lm

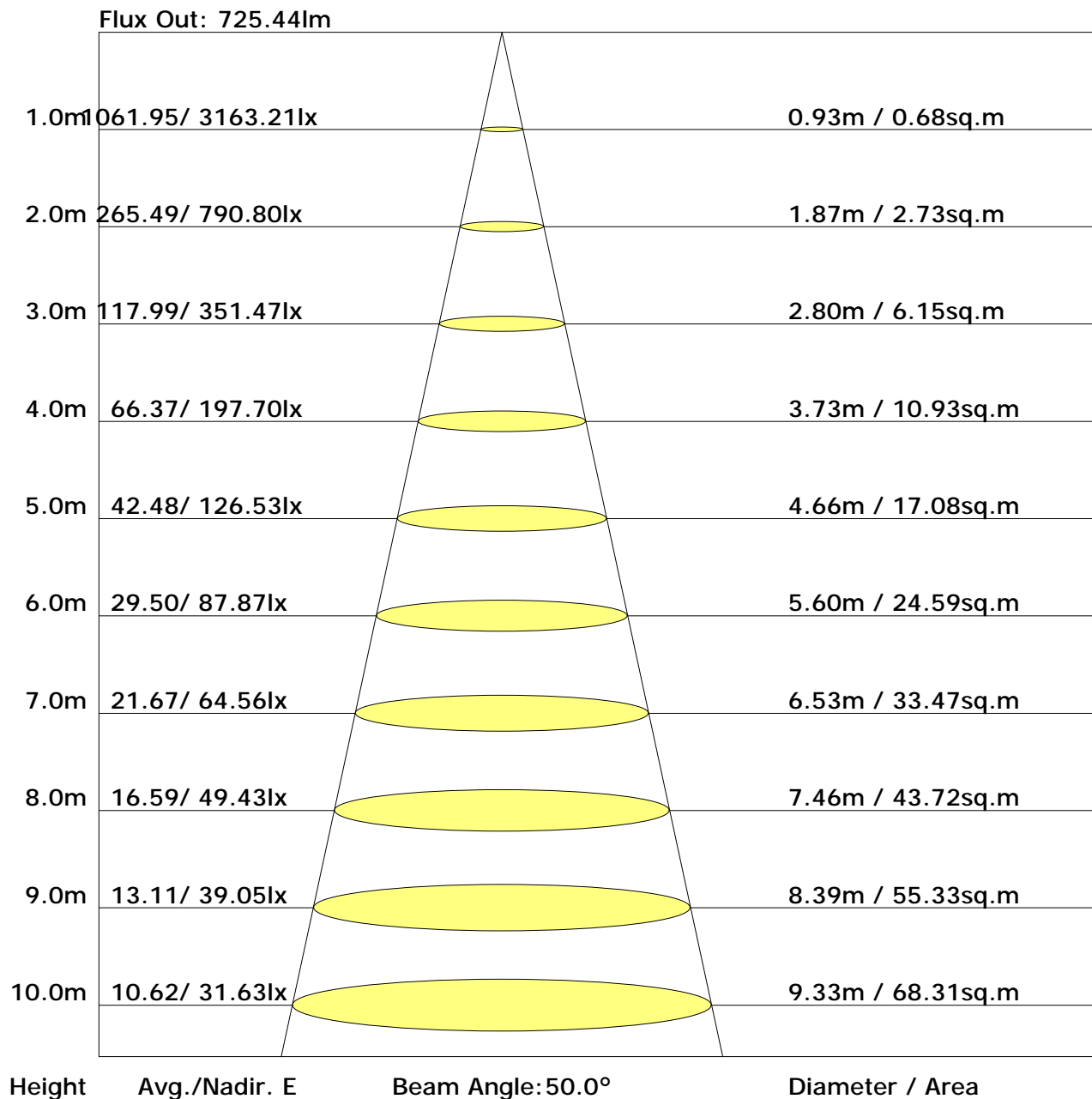
Vertical plane		-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	Flux(T)	Flux(E)
Horizontal plane	-90	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.0
	-80	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	1.5	0.0
	-70	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	3.4	0.0
	-60	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	7.4	0.0
	-50	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	15.1	0.0
	-40	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	29.5	0.0
	-30	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	59.1	16.4
	-20	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	101.1	101.1
	-10	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	233.5	233.5
	0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	525.7	525.7
	10	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	126.8	126.8
	20	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	27.1	27.1
	30	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.0	0.0
	40	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	16.1	16.1
	50	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	8.1	8.1
	60	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	3.8	3.8
	70	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	1.6	1.6
	80	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.5	0.5
	90	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	1087	1087
	Flux(E)	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	763	763

C Plane (°): 0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

Gamma Plane (°): 0.0-180.0: 1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:



The Average Illuminance Effective Figure



C Plane (°): 0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

Gamma Plane (°): 0.0-180.0: 1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
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	8.3	9.3	8.7	9.7	10.2	8.3	9.3	8.7	9.7	10.2
3H	9.3	10.2	9.8	10.7	11.2	9.0	9.9	9.5	10.4	10.9
4H	9.9	10.7	10.4	11.2	11.7	9.2	10.1	9.8	10.6	11.1
6H	10.4	11.2	11.0	11.7	12.2	9.4	10.2	9.9	10.7	11.2
8H	10.8	11.5	11.3	12.0	12.5	9.5	10.2	10.0	10.7	11.2
12H	11.2	11.8	11.7	12.3	12.9	9.5	10.2	10.1	10.7	11.3
X=4H Y=2H	8.3	9.2	8.8	9.6	10.2	8.5	9.3	9.0	9.8	10.3
3H	9.6	10.2	10.1	10.8	11.3	9.4	10.1	9.9	10.6	11.1
4H	10.1	10.8	10.7	11.3	11.9	9.7	10.3	10.2	10.8	11.4
6H	10.8	11.4	11.4	11.9	12.5	9.9	10.5	10.5	11.0	11.6
8H	11.2	11.7	11.8	12.3	12.9	10.0	10.5	10.6	11.1	11.7
12H	11.7	12.2	12.3	12.7	13.3	10.1	10.6	10.7	11.2	11.8
X=8H Y=4H	10.1	10.6	10.7	11.2	11.8	9.8	10.3	10.3	10.8	11.4
6H	10.9	11.3	11.5	11.9	12.5	10.1	10.5	10.7	11.1	11.7
8H	11.4	11.8	12.0	12.4	13.0	10.3	10.6	10.9	11.3	11.9
12H	12.0	12.3	12.6	12.9	13.6	10.5	10.8	11.1	11.4	12.1
X=12H Y=4H	10.1	10.5	10.7	11.1	11.7	9.7	10.2	10.3	10.8	11.4
6H	10.9	11.3	11.5	11.8	12.5	10.1	10.5	10.8	11.1	11.7
8H	11.4	11.7	12.0	12.3	13.0	10.4	10.7	11.0	11.3	12.0

Calculate in accordance with CIE 190:2010

C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature: 25
 Operator: Jacky

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 9.028 m
 Humidity: 60%
 Inspector:

Utilisation Factor Table(Floor cavity)

Utilisation Factors UF(F)			SHR NOM = 0.50								
Room Reflectance			Room Index(RI)								
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	0.80	0.87	0.91	0.95	0.99	1.02	1.04	1.07	1.09
	0.30		0.75	0.82	0.87	0.90	0.95	0.99	1.01	1.04	1.07
	0.20		0.71	0.78	0.83	0.87	0.92	0.96	0.98	1.02	1.05
0.50	0.50	0.20	0.78	0.84	0.89	0.92	0.96	0.98	1.00	1.02	1.04
	0.30		0.74	0.80	0.85	0.88	0.92	0.95	0.97	1.00	1.02
	0.20		0.70	0.77	0.82	0.85	0.90	0.93	0.95	0.98	1.00
0.30	0.50	0.20	0.76	0.82	0.86	0.89	0.92	0.94	0.96	0.98	0.99
	0.30		0.73	0.79	0.83	0.86	0.90	0.92	0.94	0.96	0.98
	0.20		0.70	0.76	0.80	0.83	0.87	0.90	0.92	0.95	0.96
0.00	0.00	0.00	0.67	0.73	0.77	0.80	0.83	0.85	0.87	0.89	0.90
Rating: 32W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980											

Utilisation Factor Table(Wall)

Utilisation Factors UF(W)			SHR NOM = 0.50								
Room Reflectance			Room Index(RI)								
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	0.65	0.53	0.45	0.39	0.31	0.26	0.22	0.17	0.14
	0.30		0.54	0.45	0.39	0.34	0.28	0.23	0.20	0.16	0.13
	0.20		0.46	0.39	0.34	0.31	0.25	0.22	0.19	0.15	0.13
0.50	0.50	0.20	0.61	0.49	0.41	0.36	0.28	0.27	0.20	0.15	0.13
	0.30		0.51	0.43	0.36	0.32	0.26	0.22	0.19	0.15	0.12
	0.20		0.44	0.38	0.33	0.29	0.24	0.20	0.17	0.14	0.12
0.30	0.50	0.20	0.57	0.46	0.38	0.33	0.26	0.21	0.18	0.14	0.11
	0.30		0.49	0.40	0.34	0.30	0.24	0.20	0.17	0.13	0.11
	0.20		0.43	0.36	0.31	0.27	0.22	0.19	0.16	0.13	0.11
0.00	0.00	0.00	0.29	0.23	0.19	0.17	0.13	0.11	0.09	0.07	0.06
<p>Rating: 32W Photometrically tested without ceiling board.</p> <p>Multiply UF values by service correction factors</p> <p>Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p>											

Utilisation Factor Table(Ceiling cavity)

Utilisation Factors UF(C)			SHR NOM = 0.50								
Room Reflectance			Room Index(RI)								
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	0.19	0.20	0.22	0.22	0.24	0.25	0.25	0.26	0.27
	0.30		0.14	0.16	0.18	0.19	0.21	0.22	0.23	0.24	0.25
	0.20		0.11	0.13	0.15	0.16	0.18	0.20	0.21	0.22	0.23
0.50	0.50	0.20	0.18	0.20	0.21	0.22	0.23	0.24	0.24	0.25	0.25
	0.30		0.14	0.16	0.17	0.18	0.20	0.21	0.22	0.23	0.24
	0.20		0.11	0.13	0.15	0.16	0.18	0.19	0.20	0.22	0.23
0.30	0.50	0.20	0.18	0.19	0.20	0.21	0.22	0.23	0.23	0.24	0.24
	0.30		0.14	0.16	0.17	0.18	0.19	0.21	0.21	0.22	0.23
	0.20		0.11	0.13	0.14	0.16	0.17	0.19	0.20	0.21	0.22
0.00	0.00	0.00	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
Rating: 32W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980											

Zonal Lumen

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	3196.8	3.1	3.1	0.27	0.27
1.0-2.0	3166.3	9.1	12.1	0.79	1.06
2.0-3.0	3107.1	14.9	27.0	1.29	2.35
3.0-4.0	3023.2	20.2	47.2	1.76	4.10
4.0-5.0	2916.8	25.1	72.3	2.18	6.28
5.0-6.0	2792.2	29.3	101.7	2.55	8.83
6.0-7.0	2653.7	32.9	134.6	2.86	11.69
7.0-8.0	2502.7	35.8	170.5	3.11	14.80
8.0-9.0	2340.5	37.9	208.4	3.29	18.10
9.0-10.0	2172.7	39.3	247.7	3.42	21.51
10.0-11.0	2003.7	40.0	287.8	3.48	24.99
11.0-12.0	1834.5	40.1	327.9	3.48	28.48
12.0-13.0	1670.7	39.7	367.5	3.44	31.92
13.0-14.0	1514.8	38.8	406.3	3.37	35.29
14.0-15.0	1366.3	37.5	443.8	3.26	38.54
15.0-16.0	1229.7	36.0	479.9	3.13	41.67
16.0-17.0	1104.4	34.4	514.3	2.99	44.66
17.0-18.0	988.3	32.6	546.8	2.83	47.49
18.0-19.0	883.2	30.7	577.6	2.67	50.16
19.0-20.0	789.2	28.9	606.5	2.51	52.67
20.0-21.0	704.9	27.1	633.5	2.35	55.02
21.0-22.0	630.4	25.3	658.9	2.20	57.22
22.0-23.0	564.6	23.7	682.6	2.06	59.28
23.0-24.0	506.5	22.1	704.7	1.92	61.20
24.0-25.0	455.7	20.7	725.4	1.80	63.00
25.0-26.0	411.5	19.4	744.9	1.69	64.69
26.0-27.0	372.6	18.2	763.1	1.58	66.27
27.0-28.0	338.2	17.1	780.2	1.49	67.76
28.0-29.0	308.4	16.1	796.4	1.40	69.16
29.0-30.0	282.1	15.2	811.6	1.32	70.49
30.0-31.0	258.6	14.4	826.0	1.25	71.74
31.0-32.0	237.6	13.6	839.6	1.18	72.92
32.0-33.0	219.0	12.9	852.5	1.12	74.04
33.0-34.0	202.1	12.2	864.7	1.06	75.10
34.0-35.0	186.8	11.6	876.3	1.01	76.11
35.0-36.0	173.2	11.0	887.4	0.96	77.07

C Plane (°): 0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature: 25
 Operator: Jacky

Gamma Plane (°): 0.0-180.0: 1.0
 Test Device: GPM-1800B
 Distance: 9.028 m
 Humidity: 60%
 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	160.8	10.5	897.9	0.91	77.98
37.0-38.0	149.5	10.0	907.8	0.87	78.84
38.0-39.0	139.2	9.5	917.3	0.83	79.67
39.0-40.0	129.8	9.1	926.4	0.79	80.46
40.0-41.0	121.1	8.6	935.0	0.75	81.20
41.0-42.0	113.1	8.2	943.2	0.71	81.92
42.0-43.0	105.8	7.8	951.1	0.68	82.60
43.0-44.0	98.9	7.5	958.5	0.65	83.25
44.0-45.0	92.6	7.1	965.6	0.62	83.87
45.0-46.0	86.7	6.8	972.4	0.59	84.45
46.0-47.0	81.3	6.5	978.9	0.56	85.02
47.0-48.0	76.2	6.2	985.1	0.53	85.55
48.0-49.0	71.5	5.9	990.9	0.51	86.06
49.0-50.0	67.1	5.6	996.5	0.49	86.55
50.0-51.0	63.0	5.3	1001.9	0.46	87.01
51.0-52.0	59.1	5.1	1006.9	0.44	87.45
52.0-53.0	55.5	4.8	1011.8	0.42	87.87
53.0-54.0	52.0	4.6	1016.4	0.40	88.27
54.0-55.0	48.8	4.4	1020.7	0.38	88.65
55.0-56.0	45.8	4.1	1024.9	0.36	89.01
56.0-57.0	42.9	3.9	1028.8	0.34	89.35
57.0-58.0	40.2	3.7	1032.5	0.32	89.67
58.0-59.0	37.6	3.5	1036.0	0.31	89.98
59.0-60.0	35.2	3.3	1039.3	0.29	90.26
60.0-61.0	32.9	3.1	1042.5	0.27	90.54
61.0-62.0	30.7	3.0	1045.4	0.26	90.79
62.0-63.0	28.7	2.8	1048.2	0.24	91.04
63.0-64.0	26.7	2.6	1050.8	0.23	91.26
64.0-65.0	24.9	2.5	1053.3	0.21	91.48
65.0-66.0	23.2	2.3	1055.6	0.20	91.68
66.0-67.0	21.6	2.2	1057.8	0.19	91.87
67.0-68.0	20.3	2.1	1059.9	0.18	92.05
68.0-69.0	19.0	1.9	1061.8	0.17	92.21
69.0-70.0	17.7	1.8	1063.6	0.16	92.37
70.0-71.0	16.6	1.7	1065.3	0.15	92.52
71.0-72.0	15.6	1.6	1067.0	0.14	92.66

C Plane (°): 0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature: 25
 Operator: Jacky

Gamma Plane (°): 0.0-180.0: 1.0
 Test Device: GPM-1800B
 Distance: 9.028 m
 Humidity: 60%
 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	14.8	1.5	1068.5	0.13	92.80
73.0-74.0	14.0	1.5	1070.0	0.13	92.93
74.0-75.0	13.2	1.4	1071.4	0.12	93.05
75.0-76.0	12.5	1.3	1072.7	0.12	93.16
76.0-77.0	11.9	1.3	1074.0	0.11	93.27
77.0-78.0	11.4	1.2	1075.2	0.11	93.38
78.0-79.0	10.9	1.2	1076.4	0.10	93.48
79.0-80.0	10.4	1.1	1077.5	0.10	93.58
80.0-81.0	10.0	1.1	1078.6	0.09	93.67
81.0-82.0	9.7	1.1	1079.6	0.09	93.76
82.0-83.0	9.5	1.0	1080.7	0.09	93.85
83.0-84.0	9.3	1.0	1081.7	0.09	93.94
84.0-85.0	9.1	1.0	1082.7	0.09	94.03
85.0-86.0	8.9	1.0	1083.6	0.08	94.11
86.0-87.0	8.8	1.0	1084.6	0.08	94.20
87.0-88.0	8.8	1.0	1085.6	0.08	94.28
88.0-89.0	8.7	1.0	1086.5	0.08	94.36
89.0-90.0	8.6	0.9	1087.5	0.08	94.44
90.0-91.0	8.6	0.9	1088.4	0.08	94.53
91.0-92.0	8.6	0.9	1089.4	0.08	94.61
92.0-93.0	8.6	0.9	1090.3	0.08	94.69
93.0-94.0	8.6	0.9	1091.2	0.08	94.77
94.0-95.0	8.6	0.9	1092.2	0.08	94.86
95.0-96.0	8.6	0.9	1093.1	0.08	94.94
96.0-97.0	8.6	0.9	1094.1	0.08	95.02
97.0-98.0	8.6	0.9	1095.0	0.08	95.10
98.0-99.0	8.7	0.9	1095.9	0.08	95.18
99.0-100.0	8.7	0.9	1096.9	0.08	95.26
100.0-101.0	8.7	0.9	1097.8	0.08	95.34
101.0-102.0	8.7	0.9	1098.7	0.08	95.42
102.0-103.0	8.7	0.9	1099.7	0.08	95.51
103.0-104.0	8.7	0.9	1100.6	0.08	95.59
104.0-105.0	8.6	0.9	1101.5	0.08	95.67
105.0-106.0	8.7	0.9	1102.4	0.08	95.74
106.0-107.0	8.7	0.9	1103.3	0.08	95.82
107.0-108.0	8.7	0.9	1104.3	0.08	95.90

C Plane (°): 0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature: 25
 Operator: Jacky

Gamma Plane (°): 0.0-180.0: 1.0
 Test Device: GPM-1800B
 Distance: 9.028 m
 Humidity: 60%
 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	8.7	0.9	1105.2	0.08	95.98
109.0-110.0	8.8	0.9	1106.1	0.08	96.06
110.0-111.0	8.8	0.9	1107.0	0.08	96.14
111.0-112.0	8.9	0.9	1107.9	0.08	96.22
112.0-113.0	8.9	0.9	1108.8	0.08	96.30
113.0-114.0	9.0	0.9	1109.7	0.08	96.37
114.0-115.0	9.0	0.9	1110.6	0.08	96.45
115.0-116.0	9.0	0.9	1111.5	0.08	96.53
116.0-117.0	9.0	0.9	1112.4	0.08	96.61
117.0-118.0	9.1	0.9	1113.2	0.08	96.68
118.0-119.0	9.2	0.9	1114.1	0.08	96.76
119.0-120.0	9.2	0.9	1115.0	0.08	96.84
120.0-121.0	9.3	0.9	1115.9	0.08	96.91
121.0-122.0	9.4	0.9	1116.8	0.08	96.99
122.0-123.0	9.5	0.9	1117.6	0.08	97.06
123.0-124.0	9.5	0.9	1118.5	0.08	97.14
124.0-125.0	9.6	0.9	1119.4	0.08	97.22
125.0-126.0	9.7	0.9	1120.2	0.07	97.29
126.0-127.0	9.8	0.9	1121.1	0.07	97.36
127.0-128.0	9.8	0.9	1121.9	0.07	97.44
128.0-129.0	9.9	0.8	1122.8	0.07	97.51
129.0-130.0	10.0	0.8	1123.6	0.07	97.59
130.0-131.0	10.1	0.8	1124.5	0.07	97.66
131.0-132.0	10.2	0.8	1125.3	0.07	97.73
132.0-133.0	10.3	0.8	1126.2	0.07	97.81
133.0-134.0	10.5	0.8	1127.0	0.07	97.88
134.0-135.0	10.6	0.8	1127.8	0.07	97.95
135.0-136.0	10.7	0.8	1128.6	0.07	98.02
136.0-137.0	10.9	0.8	1129.5	0.07	98.09
137.0-138.0	11.0	0.8	1130.3	0.07	98.16
138.0-139.0	11.1	0.8	1131.1	0.07	98.23
139.0-140.0	11.2	0.8	1131.9	0.07	98.30
140.0-141.0	11.3	0.8	1132.7	0.07	98.37
141.0-142.0	11.5	0.8	1133.5	0.07	98.44
142.0-143.0	11.7	0.8	1134.2	0.07	98.51
143.0-144.0	11.9	0.8	1135.0	0.07	98.57

C Plane (°): 0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature: 25
 Operator: Jacky

Gamma Plane (°): 0.0-180.0: 1.0
 Test Device: GPM-1800B
 Distance: 9.028 m
 Humidity: 60%
 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	12.1	0.8	1135.8	0.07	98.64
145.0-146.0	12.2	0.8	1136.5	0.07	98.71
146.0-147.0	12.4	0.7	1137.3	0.06	98.77
147.0-148.0	12.6	0.7	1138.0	0.06	98.84
148.0-149.0	12.7	0.7	1138.8	0.06	98.90
149.0-150.0	12.9	0.7	1139.5	0.06	98.96
150.0-151.0	13.0	0.7	1140.2	0.06	99.02
151.0-152.0	13.2	0.7	1140.9	0.06	99.08
152.0-153.0	13.4	0.7	1141.6	0.06	99.14
153.0-154.0	13.5	0.7	1142.2	0.06	99.20
154.0-155.0	13.7	0.6	1142.9	0.06	99.26
155.0-156.0	13.8	0.6	1143.5	0.05	99.31
156.0-157.0	13.9	0.6	1144.1	0.05	99.36
157.0-158.0	14.1	0.6	1144.7	0.05	99.41
158.0-159.0	14.2	0.6	1145.3	0.05	99.46
159.0-160.0	14.3	0.6	1145.8	0.05	99.51
160.0-161.0	14.4	0.5	1146.3	0.05	99.56
161.0-162.0	14.5	0.5	1146.8	0.04	99.60
162.0-163.0	14.5	0.5	1147.3	0.04	99.64
163.0-164.0	14.6	0.5	1147.8	0.04	99.68
164.0-165.0	14.7	0.4	1148.2	0.04	99.72
165.0-166.0	14.8	0.4	1148.6	0.04	99.76
166.0-167.0	14.9	0.4	1149.0	0.03	99.79
167.0-168.0	14.9	0.4	1149.4	0.03	99.82
168.0-169.0	15.0	0.3	1149.7	0.03	99.85
169.0-170.0	15.1	0.3	1150.0	0.03	99.87
170.0-171.0	15.1	0.3	1150.3	0.02	99.90
171.0-172.0	15.1	0.2	1150.5	0.02	99.92
172.0-173.0	15.2	0.2	1150.7	0.02	99.94
173.0-174.0	15.2	0.2	1150.9	0.02	99.95
174.0-175.0	15.2	0.2	1151.1	0.01	99.97
175.0-176.0	15.2	0.1	1151.2	0.01	99.98
176.0-177.0	15.2	0.1	1151.3	0.01	99.99
177.0-178.0	15.3	0.1	1151.4	0.01	99.99
178.0-179.0	15.3	0.0	1151.4	0.00	100.00
179.0-180.0	15.3	0.0	1151.4	0.00	100.00

C Plane (°): 0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature: 25
 Operator: Jacky

Gamma Plane (°): 0.0-180.0: 1.0
 Test Device: GPM-1800B
 Distance: 9.028 m
 Humidity: 60%
 Inspector: