

Report No.:

Test Time: 2018/8/28 09:11

Luminaire Property

Luminaire Manufacturer:

Luminaire Category: RIBBONLYTE

Luminaire Description: RBS2244.424PH 1FT(300mm)

Luminous Length (mm): 300

Luminous Width (mm): 8

Luminous Height (mm): 1

Voltage: 24.0 V

Current: 0.177 A

Power: 4.25 W

Power Factor: 1.000

Photometric Results

CIE Class: Direct

Measurement Flux: 465.3 lm

Downward Ratio: 99%

Horizontal Diffuse Angle(50%): H115.7

Vertical Diffuse Angle(50%): V115.5

Luminaire Efficacy Rating (LER): 109

Max. Intensity: 157.53 cd

Total Rated Lamp Lumens: 465.3 lm

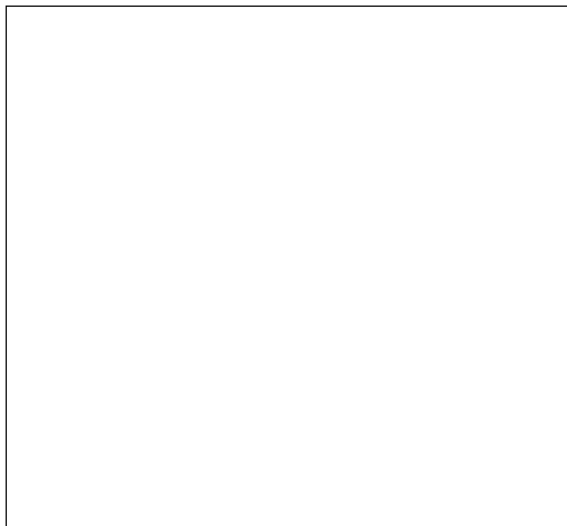
Efficiency: 100%

Upward Ratio: 1%

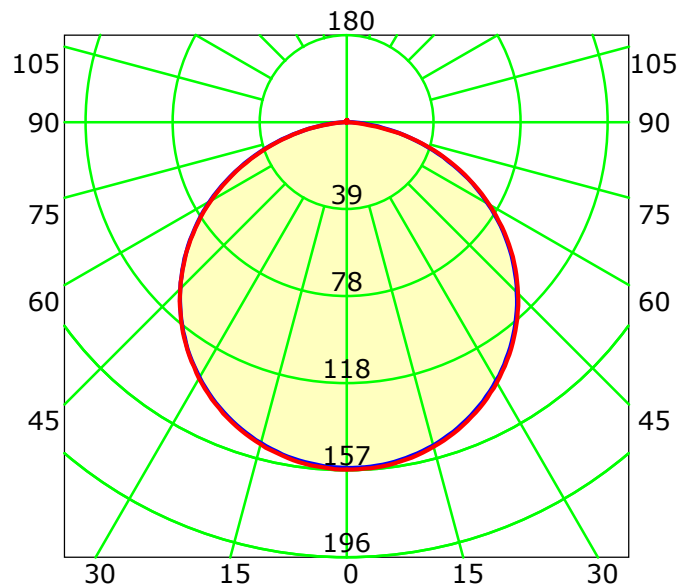
Central Intensity: 156.44 cd

Pos of Max. Intensity: H150 V0

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 115.6° Unit: cd

— C0-C180 — C90-C270

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature: 25

Operator: Aaron

Gamma Plane (°):0.0-180.0:1.0

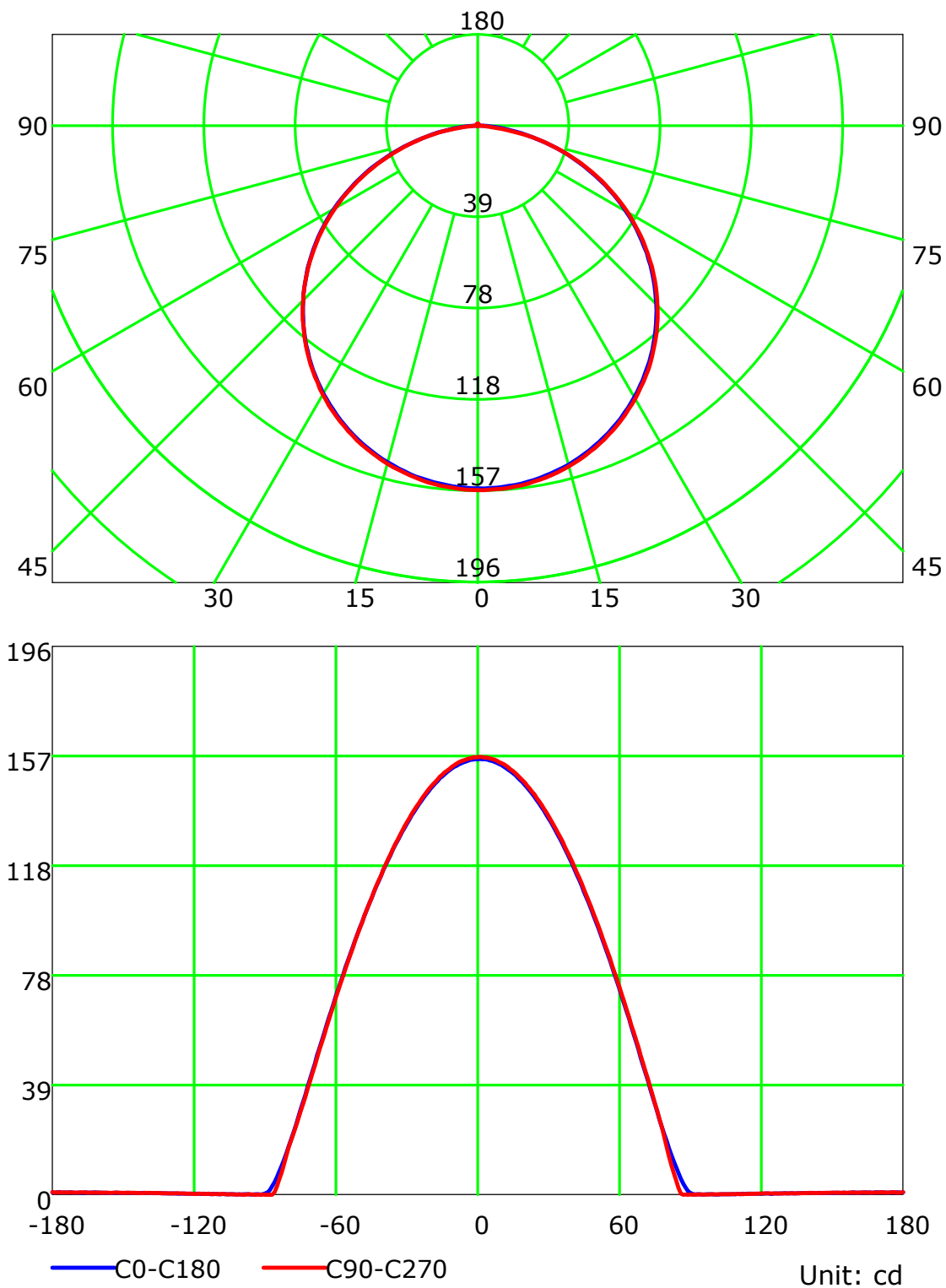
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

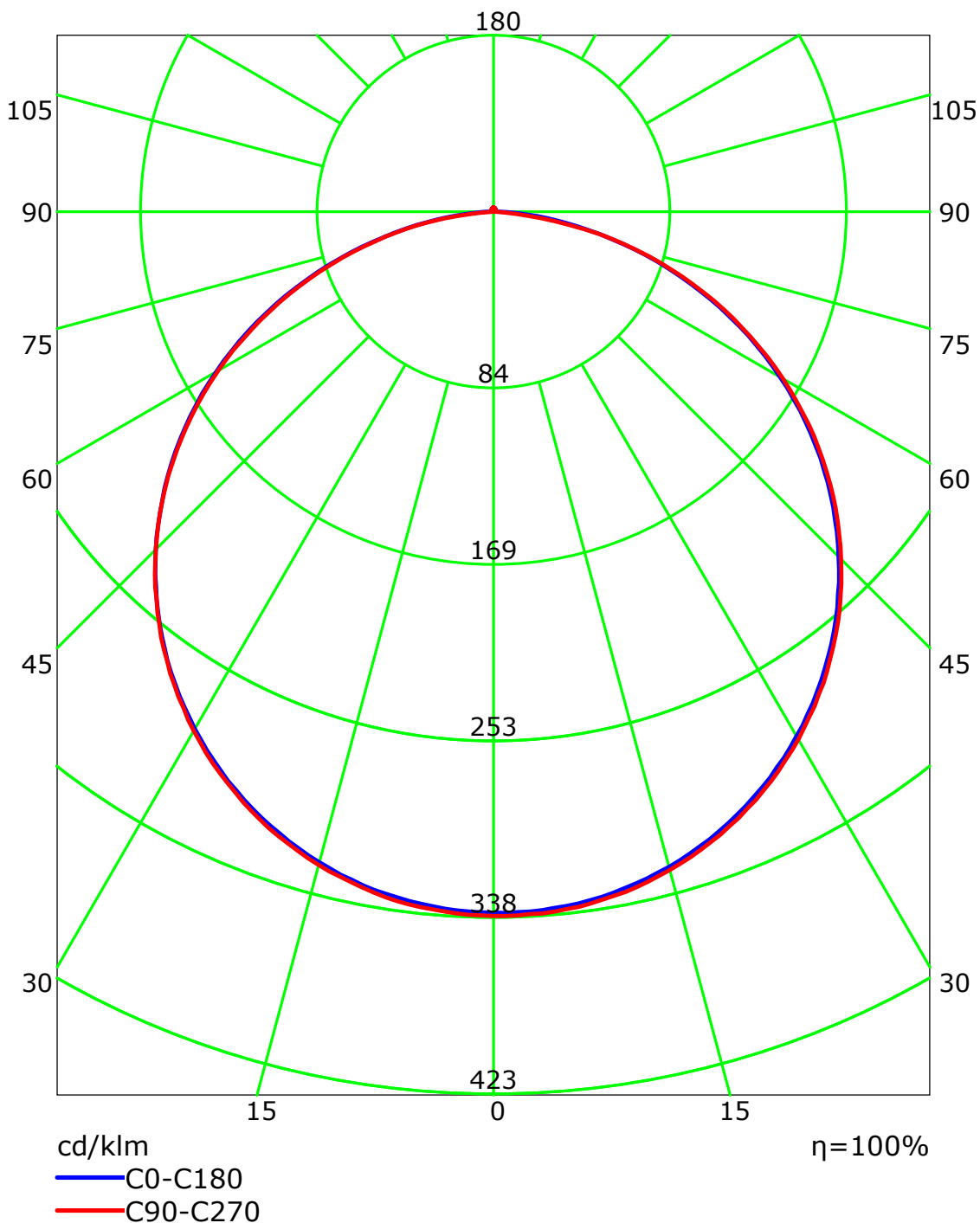
Luminous Intensity Distribution Curve



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

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: Aaron

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

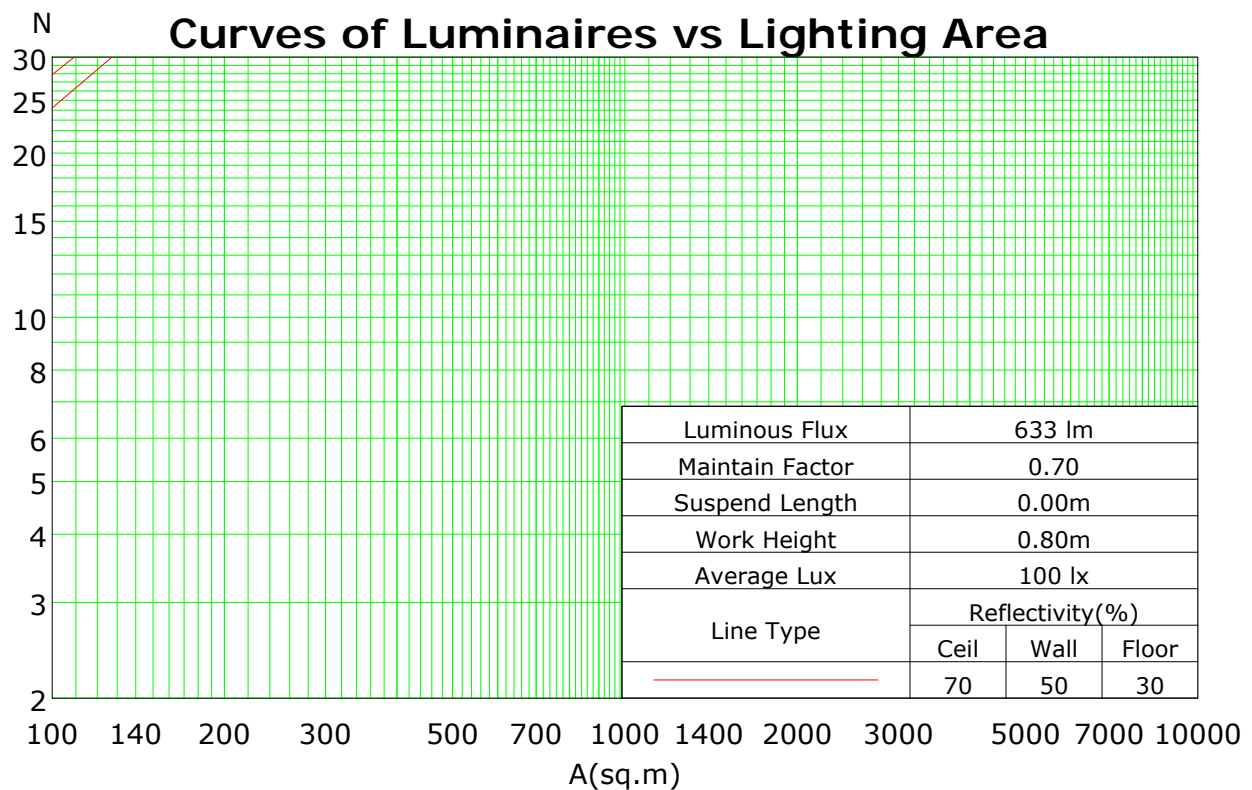
Coefficients Of Utilization - Zonal Cavity Method

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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	101	101	101	99
1	108	104	99	95	106	101	97	94	97	94	91	93	90	88	89	87	85	83
2	98	90	83	77	96	88	82	76	84	79	75	81	77	73	78	74	71	69
3	90	79	71	64	87	77	70	63	74	68	62	71	66	61	69	64	60	58
4	82	70	61	54	80	68	60	54	66	59	53	63	57	52	61	56	51	49
5	75	62	53	46	73	61	53	46	59	51	46	57	50	45	55	49	44	42
6	69	56	47	40	67	55	46	40	53	45	40	51	45	39	50	44	39	37
7	64	51	42	36	63	50	41	35	48	41	35	47	40	35	45	39	35	33
8	60	46	38	32	58	45	37	32	44	37	31	43	36	31	42	35	31	29
9	56	42	34	28	54	42	34	28	41	33	28	39	33	28	38	32	28	26
10	52	39	31	26	51	39	31	26	37	30	26	37	30	25	36	30	25	23

Spacing Criteria (0-180): 1.28

Spacing Criteria (90-270): 1.27

Spacing Criteria (Diagonal): 1.40



C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature: 25

Operator: Aaron

Gamma Plane (°):0.0-180.0:1.0

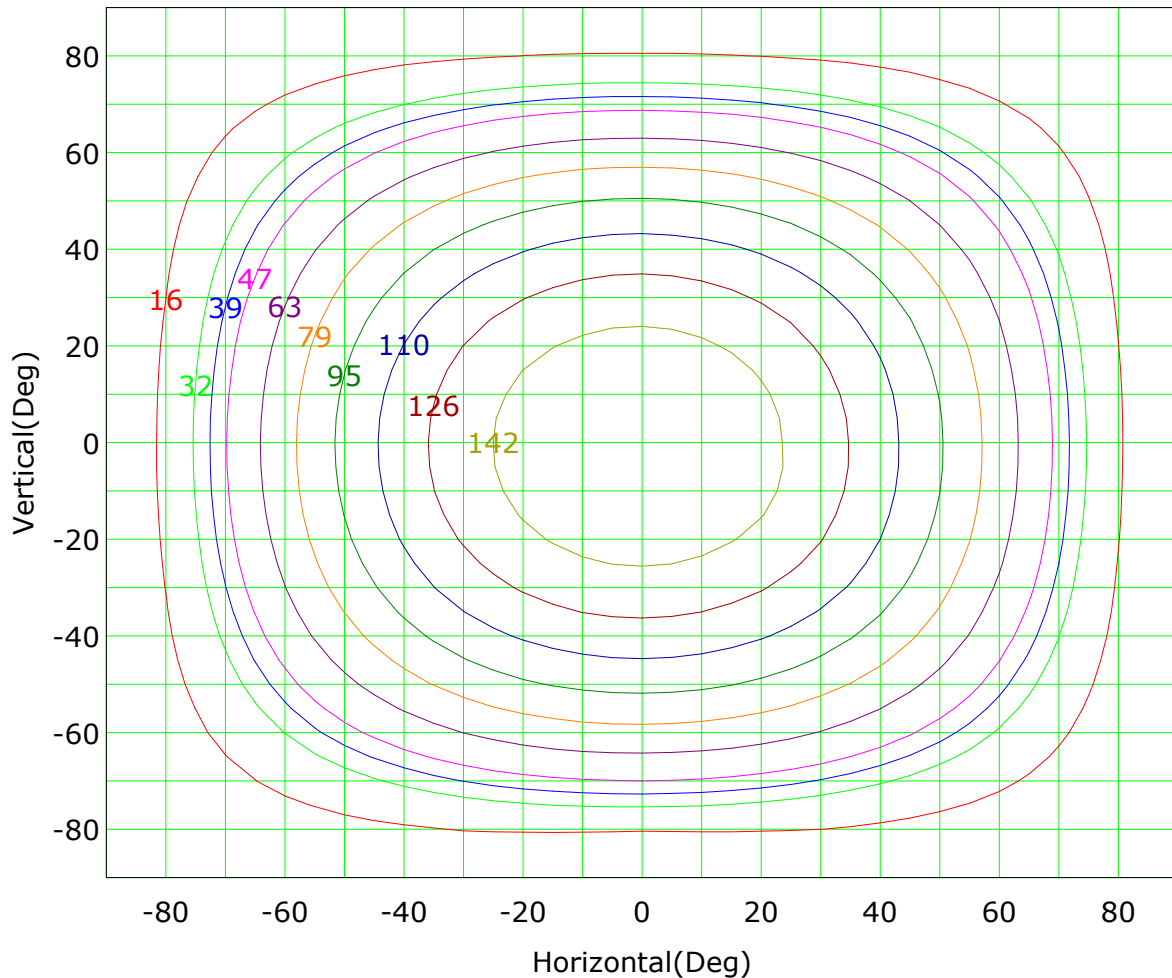
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

Isocandela (rectangle)



Imax (100%): 158 cd

(10%): 16 cd	(20%): 32 cd
(25%): 39 cd	(30%): 47 cd
(40%): 63 cd	(50%): 79 cd
(60%): 95 cd	(70%): 110 cd
(80%): 126 cd	(90%): 142 cd

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature: 25

Operator: Aaron

Gamma Plane (°):0.0-180.0:1.0

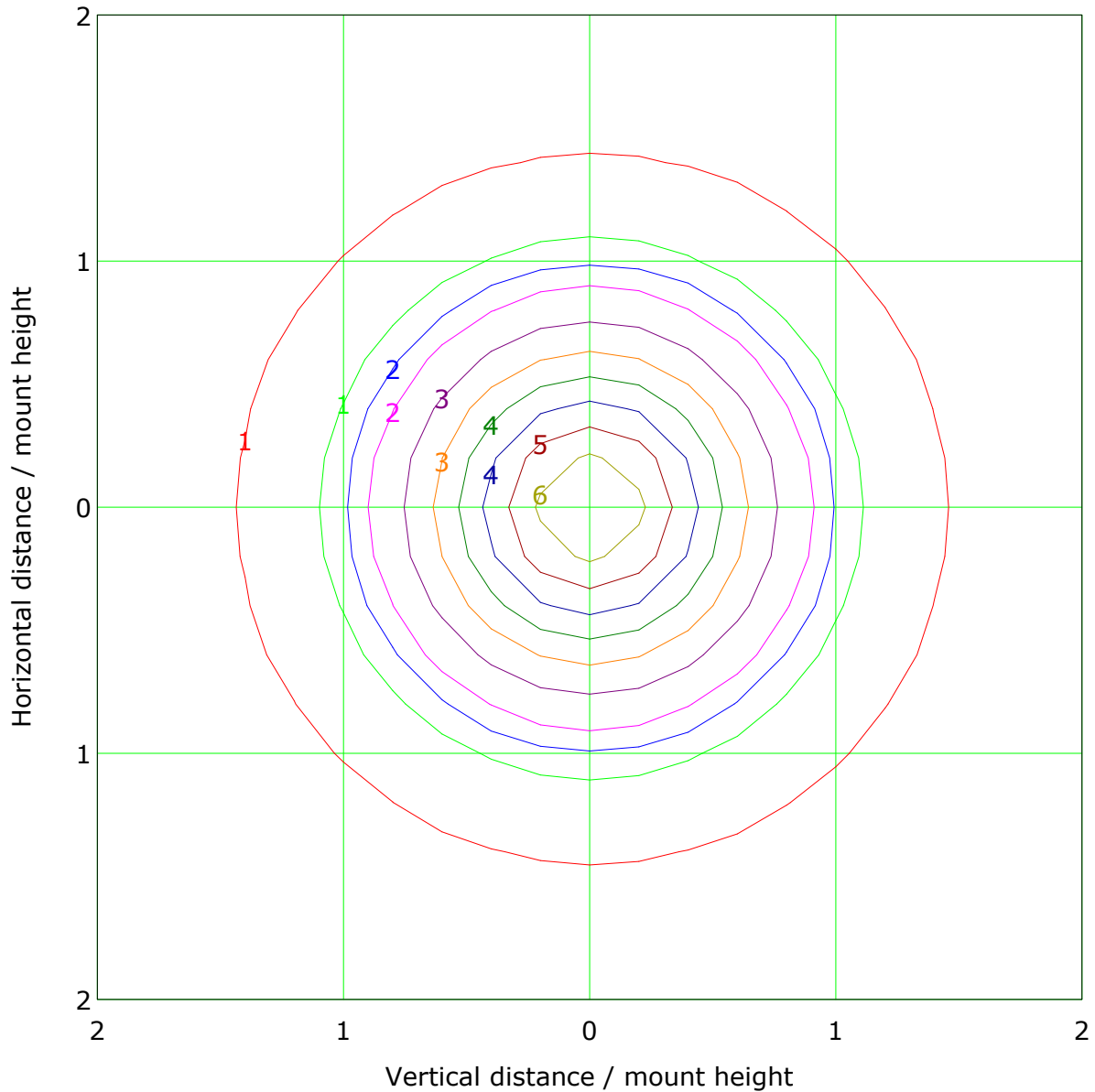
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

IsoLux Plot



Mounting Height: 5.0m Max Lux(100%): 6.3 lx

(10%): 0.6 lx	(20%): 1.3 lx
(25%): 1.6 lx	(30%): 1.9 lx
(40%): 2.5 lx	(50%): 3.2 lx
(60%): 3.8 lx	(70%): 4.4 lx
(80%): 5.0 lx	(90%): 5.7 lx

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature: 25

Operator: Aaron

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

Distance: 9.028 m

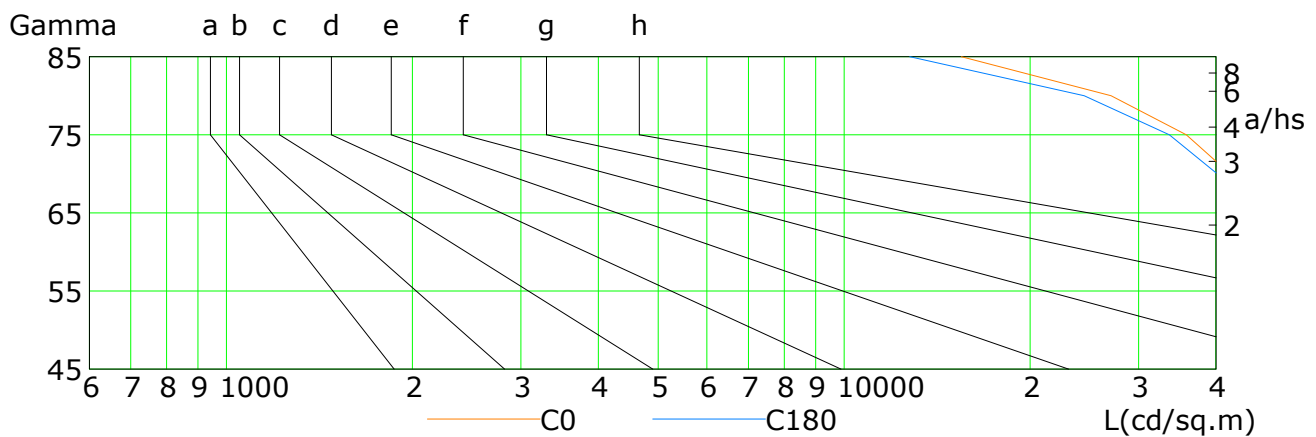
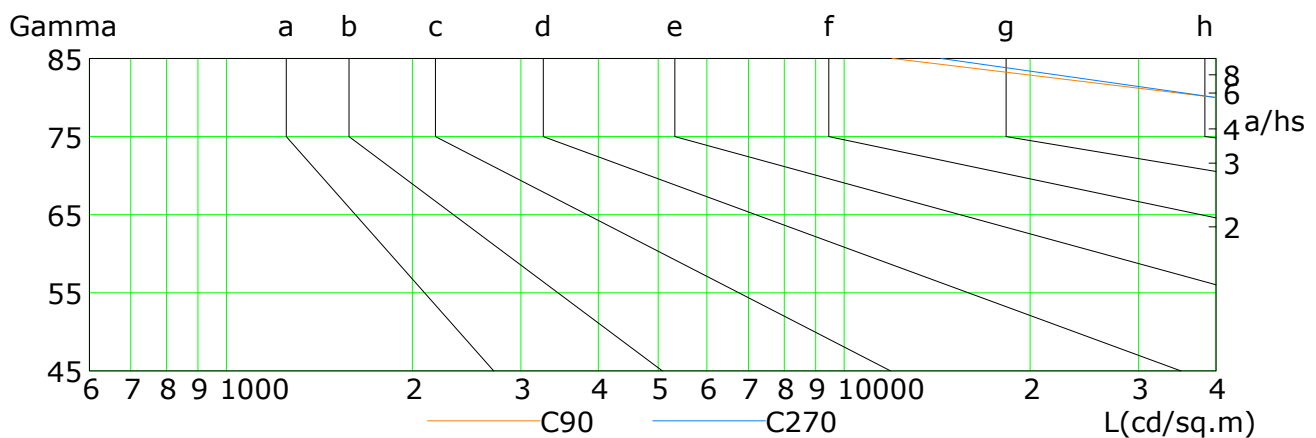
Humidity: 60%

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	57050	55396	53275	50582	47116	42212	35809	27057	15491
C90	64432	63900	63081	61768	59792	57052	52266	39987	11974
C180	55830	54087	51814	48993	45320	40199	33624	24474	12775
C270	62594	61744	60486	58827	56259	52694	47623	40317	14368

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature: 25

Operator: Aaron

Gamma Plane (°):0.0-180.0:1.0

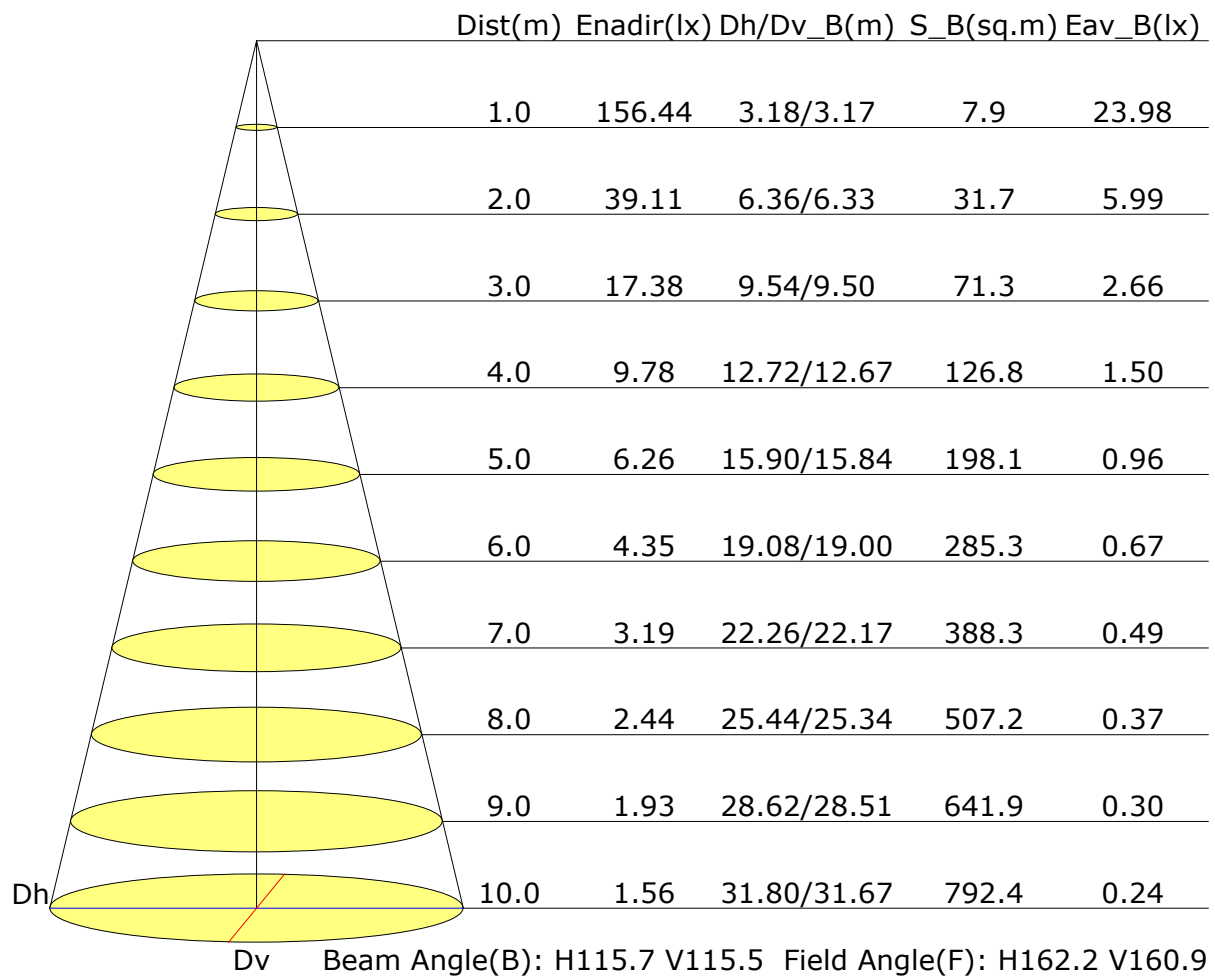
Test Device: GPM-1800B

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: Aaron

Gamma Plane (°):0.0-180.0:1.0

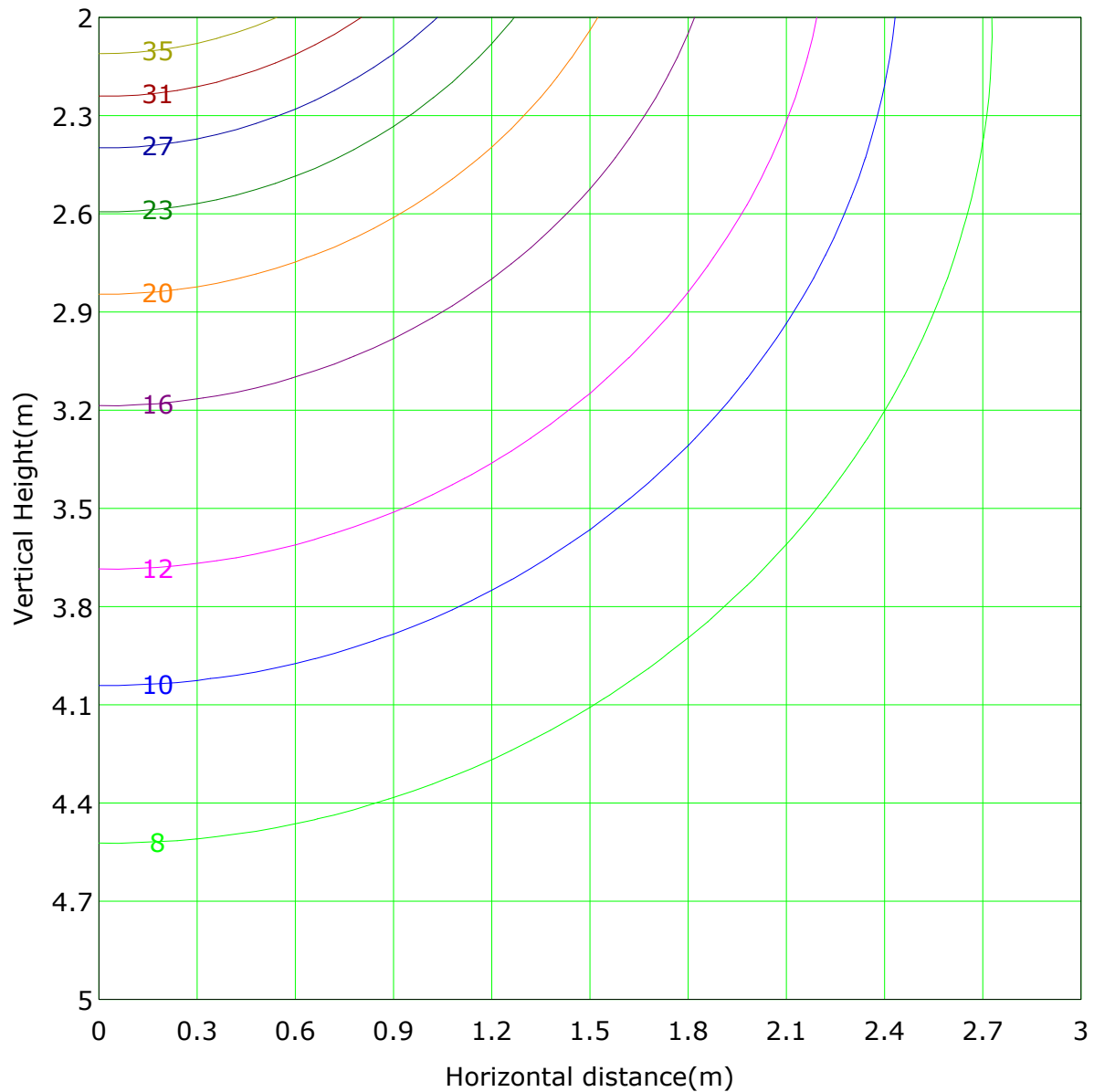
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

Vertical IsoLux Plot



Lowest(m): 2.0m	Highest(m): 5.0m	Max Lux: 39.1 lx
(10%): 3.9 lx	(20%): 7.8 lx	
(25%): 9.8 lx	(30%): 11.7 lx	
(40%): 15.6 lx	(50%): 19.6 lx	
(60%): 23.5 lx	(70%): 27.4 lx	
(80%): 31.3 lx	(90%): 35.2 lx	

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature: 25

Operator: Aaron

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)
		0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.2	0.2	0.2	0.1	0.0	0.0	0.0	0.3	0.0
		0.0	0.0	0.1	0.2	0.4	0.7	1.2	1.5	1.4	1.5	1.5	1.4	1.3	1.2	1.0	0.8	0.5	0.3	0.1	2.6	0.0
		0.0	0.1	0.2	0.5	0.8	1.2	1.8	2.0	2.2	2.3	2.3	2.2	2.0	1.8	1.5	1.2	0.9	0.6	0.4	8.0	0.0
		0.0	0.2	0.7	1.4	2.2	3.0	3.7	4.2	4.5	4.7	4.7	4.6	4.3	4.0	3.8	3.6	3.3	3.1	2.8	15.4	0.0
		0.0	0.3	0.8	1.5	2.3	3.1	3.8	4.4	4.7	4.7	4.7	4.6	4.3	4.0	3.8	3.6	3.3	3.1	2.6	24.6	0.0
		0.0	0.3	0.8	1.5	2.3	3.1	3.8	4.4	4.7	4.7	4.7	4.6	4.3	4.0	3.8	3.6	3.3	3.1	2.6	34.0	0.0
		0.0	0.3	0.8	1.5	2.3	3.1	3.8	4.4	4.7	4.7	4.7	4.6	4.3	4.0	3.8	3.6	3.3	3.1	2.6	42.3	0.0
		0.0	0.3	0.8	1.5	2.3	3.1	3.8	4.4	4.7	4.7	4.7	4.6	4.3	4.0	3.8	3.6	3.3	3.1	2.6	48.5	0.0
		0.0	0.3	0.8	1.5	2.3	3.1	3.8	4.4	4.7	4.7	4.7	4.6	4.3	4.0	3.8	3.6	3.3	3.1	2.6	51.8	0.0
		0.0	0.3	0.8	1.5	2.3	3.1	3.8	4.4	4.7	4.7	4.7	4.6	4.3	4.0	3.8	3.6	3.3	3.1	2.6	51.9	0.0
		0.0	0.2	0.7	1.4	2.2	3.0	3.7	4.2	4.5	4.7	4.7	4.6	4.3	4.0	3.8	3.6	3.3	3.1	2.6	48.7	0.0
		0.0	0.2	0.7	1.4	2.2	3.0	3.7	4.2	4.5	4.7	4.7	4.6	4.3	4.0	3.8	3.6	3.3	3.1	2.6	42.7	0.0
		0.0	0.2	0.7	1.4	2.2	3.0	3.7	4.2	4.5	4.7	4.7	4.6	4.3	4.0	3.8	3.6	3.3	3.1	2.6	34.5	0.0
		0.0	0.2	0.7	1.4	2.2	3.0	3.7	4.2	4.5	4.7	4.7	4.6	4.3	4.0	3.8	3.6	3.3	3.1	2.6	25.2	0.0
		0.0	0.2	0.7	1.4	2.2	3.0	3.7	4.2	4.5	4.7	4.7	4.6	4.3	4.0	3.8	3.6	3.3	3.1	2.6	15.9	0.0
		0.0	0.2	0.7	1.4	2.2	3.0	3.7	4.2	4.5	4.7	4.7	4.6	4.3	4.0	3.8	3.6	3.3	3.1	2.6	8.0	0.0
		0.0	0.2	0.7	1.4	2.2	3.0	3.7	4.2	4.5	4.7	4.7	4.6	4.3	4.0	3.8	3.6	3.3	3.1	2.6	2.4	0.0
		0.0	0.2	0.7	1.4	2.2	3.0	3.7	4.2	4.5	4.7	4.7	4.6	4.3	4.0	3.8	3.6	3.3	3.1	2.6	0.0	0.0
		0.0	0.2	0.7	1.4	2.2	3.0	3.7	4.2	4.5	4.7	4.7	4.6	4.3	4.0	3.8	3.6	3.3	3.1	2.6	0.0	0.0
		0.0	0.2	0.7	1.4	2.2	3.0	3.7	4.2	4.5	4.7	4.7	4.6	4.3	4.0	3.8	3.6	3.3	3.1	2.6	0.0	0.0
		0.0	0.2	0.7	1.4	2.2	3.0	3.7	4.2	4.5	4.7	4.7	4.6	4.3	4.0	3.8	3.6	3.3	3.1	2.6	0.0	0.0
		0.0	0.2	0.7	1.4	2.2	3.0	3.7	4.2	4.5	4.7	4.7	4.6	4.3	4.0	3.8	3.6	3.3	3.1	2.6	0.0	0.0
		0.0	0.2	0.7	1.4	2.2	3.0	3.7	4.2	4.5	4.7	4.7	4.6	4.3	4.0	3.8	3.6	3.3	3.1	2.6	0.0	0.0
		0.0	0.2	0.7	1.4	2.2	3.0	3.7	4.2	4.5	4.7	4.7	4.6	4.3	4.0	3.8	3.6	3.3	3.1	2.6	0.0	0.0
		0.0	0.2	0.7	1.4	2.2	3.0	3.7	4.2	4.5	4.7	4.7	4.6	4.3	4.0	3.8	3.6	3.3	3.1	2.6	0.0	0.0
		0.0	0.2	0.7	1.4	2.2	3.0	3.7	4.2	4.5	4.7	4.7	4.6	4.3	4.0	3.8	3.6	3.3	3.1	2.6	0.0	0.0
		0.0	0.2	0.7	1.4	2.2	3.0	3.7	4.2	4.5	4.7	4.7	4.6	4.3	4.0	3.8	3.6	3.3	3.1	2.6	0.0	0.0
		0.0	0.2	0.7	1.4	2.2	3.0	3.7	4.2	4.5	4.7	4.7	4.6	4.3	4.0	3.8	3.6	3.3	3.1	2.6	0.0	0.0
		0.0	0.2	0.7	1.4	2.2	3.0	3.7	4.2	4.5	4.7	4.7	4.6	4.3	4.0	3.8	3.6	3.3	3.1	2.6	0.0	0.0
		0.0	0.2	0.7	1.4	2.2	3.0	3.7	4.2	4.5	4.7	4.7	4.6	4.3	4.0	3.8	3.6	3.3	3.1	2.6	0.0	0.0
		0.0	0.2	0.7	1.4	2.2	3.0	3.7	4.2	4.5	4.7	4.7	4.6	4.3	4.0	3.8	3.6	3.3	3.1	2.6	0.0	0.0
		0.0	0.2	0.7	1.4	2.2	3.0	3.7	4.2	4.5	4.7	4.7	4.6	4.3	4.0	3.8	3.6	3.3	3.1	2.6	0.0	0.0
		0.0	0.2	0.7	1.4	2.2	3.0	3.7	4.2	4.5	4.7	4.7	4.6	4.3	4.0	3.8	3.6	3.3	3.1	2.6	0.0	0.0
		0.0	0.2	0.7	1.4	2.2	3.0	3.7	4.2	4.5	4.7	4.7	4.6	4.3	4.0	3.8	3.6	3.3	3.1	2.6	0.0	0.0
		0.0	0.2	0.7	1.4	2.2	3.0	3.7	4.2	4.5	4.7	4.7	4.6	4.3	4.0	3.8	3.6	3.3	3.1	2.6	0.0	0.0
		0.0	0.2	0.7	1.4	2.2	3.0	3.7	4.2	4.5	4.7	4.7	4.6	4.3	4.0	3.8	3.6	3.3	3.1	2.6	0.0	0.0
		0.0	0.2	0.7	1.4	2.2	3.0	3.7	4.2	4.5	4.7	4.7	4.6	4.3	4.0	3.8	3.6	3.3	3.1	2.6	0.0	0.0
		0.0	0.2	0.7	1.4	2.2	3.0	3.7	4.2	4.5	4.7	4.7	4.6	4.3	4.0	3.8	3.6	3.3	3.1	2.6	0.0	0.0
		0.0	0.2	0.7	1.4	2.2	3.0	3.7	4.2	4.5	4.7	4.7	4.6	4.3	4.0	3.8	3.6	3.3	3.1	2.6	0.0	0.0
		0.0	0.2	0.7	1.4	2.2	3.0	3.7	4.2	4.5	4.7	4.7	4.6	4.3	4.0	3.8	3.6	3.3	3.1	2.6	0.0	0.0
		0.0	0.2	0.7	1.4	2.2	3.0	3.7	4.2	4.5	4.7	4.7	4.6	4.3	4.0	3.8	3.6	3.3	3.1	2.6	0.0	0.0
		0.0	0.2	0.7	1.4	2.2	3.0	3.7	4.2	4.5	4.7	4.7	4.6	4.3	4.0	3.8	3.6	3.3	3.1	2.6	0.0	0.0
		0.0	0.2	0.7	1.4	2.2	3.0	3.7	4.2	4.5	4.7	4.7	4.6	4.3	4.0	3.8	3.6	3.3	3.1	2.6	0.0	0.0
		0.0	0.2	0.7	1.4	2.2	3.0	3.7	4.2	4.5	4.7	4.7	4.6	4.3	4.0	3.8	3.6	3.3	3.1	2.6	0.0	0.0
		0.0	0.2	0.7	1.4	2.2	3.0	3.7	4.2	4.5	4.7	4.7	4.6	4.3	4.0	3.8	3.6	3.3	3.1	2.6	0.0	0.0
		0.0	0.2	0.7	1.4	2.2	3.0	3.7	4.2	4.5	4.7	4.7	4.6	4.3	4.0	3.8	3.6	3.3	3.1	2.6	0.0	0.0
		0.0	0.2	0.7	1.4	2.2	3.0	3.7	4.2	4.5	4.7	4.7	4.6	4.3	4.0	3.8	3.6	3.3	3.1	2.6	0.0	0.0
		0.0	0.2	0.7	1.4	2.2	3.0	3.7	4.2	4.5	4.7	4.7	4.6	4.3	4.0	3.8	3.6	3.3	3.1	2.6	0.0	0.0
		0.0	0.2	0.7	1.4	2.2	3.0	3.7	4.2	4.5	4.7	4.7	4.6	4.3	4.0	3.8	3.6	3.3	3.1	2.6	0.0	0.0
		0.0	0.2	0.7	1.4	2.2	3.0	3.7	4.2	4.5	4.7	4.7	4.6	4.3	4.0	3.8	3.6	3.3	3.1	2.6	0.0	0.0
		0.0	0.2	0.7	1.4	2.2	3.0	3.7	4.2	4.5	4.7	4.7	4.6	4.3	4.0	3.8	3.6	3.3	3.1	2.6	0.0	0.0
		0.0	0.2	0.7	1.4	2.2	3.0	3.7	4.2	4.5	4.7	4.7	4.6	4.3	4.0	3.8	3.6	3.3	3.1	2.6	0.0	0.0
		0.0	0.2	0.7	1.4	2.2	3.0	3.7	4.2	4.5	4.7	4.7	4.6	4.3	4.0	3.8	3.6	3.3	3.1	2.6	0.0	0.0
		0.0	0.2	0.7	1.4	2.2	3.0	3.7	4.2	4.5	4.7	4.7	4.6	4.3	4.0	3.8	3.6	3.3	3.1	2.6	0.0	0.0
		0.0	0.2	0.7	1.4	2.2	3.0	3.7	4.2	4.5	4.7	4.7	4.6	4.3	4.0	3.8	3.6	3.3	3.1	2.6	0.0	0.0
		0.0	0.2	0.7	1.4	2.2	3.0	3.7	4.2	4.5	4.7	4.7	4.6	4.3	4.0	3.8	3.6	3.3	3.1	2.6	0.0	0.0
		0.0	0.2	0.7	1.4	2.2	3.0	3.7	4.2	4.5	4.7	4.7	4.6	4.3	4.0	3.8	3.6	3.3	3.1	2.6	0.0	0.0
		0.0	0.2	0.7	1.4	2.2	3.0	3.7	4.2	4.5	4.7	4.7	4.6	4.3	4.0	3.8	3.6	3.3	3.1	2.6	0.0	0.0
		0.0	0.2	0.7	1.4	2.2	3.0	3.7	4.2	4.5	4.7	4.7	4.6	4.3	4.0	3.8	3.6	3.3	3.1	2.6	0.0	0.0
		0.0	0.2	0.7	1.4	2.2	3.0	3.7	4.2	4.5	4.7	4.7	4.6	4.3	4.0	3.8	3.6	3.3	3.1	2.6	0.0	0.0
		0.0	0.2	0.7	1.4	2.2	3.0	3.7	4.2	4.5	4.7	4.7	4.6	4.3	4.0	3.8	3.6	3.3	3.1	2.6	0.0	0.0
		0.0	0.2	0.7	1.4	2.2	3.0	3.7	4.2	4.5	4.7	4.7	4.6	4.3	4.0	3.8	3.6	3.3	3.1	2.6	0.0	0.0
		0.0	0.2	0.7	1.4	2.2	3.0	3.7	4.2	4.5	4.7	4.7	4.6	4.3	4.0	3.8	3.6	3.3	3.1	2.6	0.0	0.0
		0.0	0.2	0.7	1.4	2.2	3.0	3.7	4.2	4.5	4.7	4.7	4.6	4.3	4.0	3.8	3.6	3.3	3.1	2.6	0.0	0.0
		0.0	0.2	0.7	1.4	2.2	3.0	3.7	4.2	4.5	4.7	4.7	4.6	4.3	4.0	3.8	3.6	3.3	3.1	2.6	0.0	0.0
		0.0	0.2	0.7	1.4	2.2	3.0	3.7	4.2	4.5	4.7	4.7	4.6	4.3	4.0	3.8	3.6	3.3	3.1	2.6	0.0	0.0
		0.0	0.2	0.7	1.4	2.2	3.0	3.7	4.2	4.5	4.7	4.7	4.6	4.3	4.0	3.8	3.6	3.3	3.1	2.6	0.0	0.0
		0.0	0.2	0.7	1.4	2.2	3.0	3.7	4.2	4.5	4.7	4.7	4.6	4.3	4.0							

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature: 25

Operator: Aaron

Gamma Plane (°):0.0-180.0:1.0

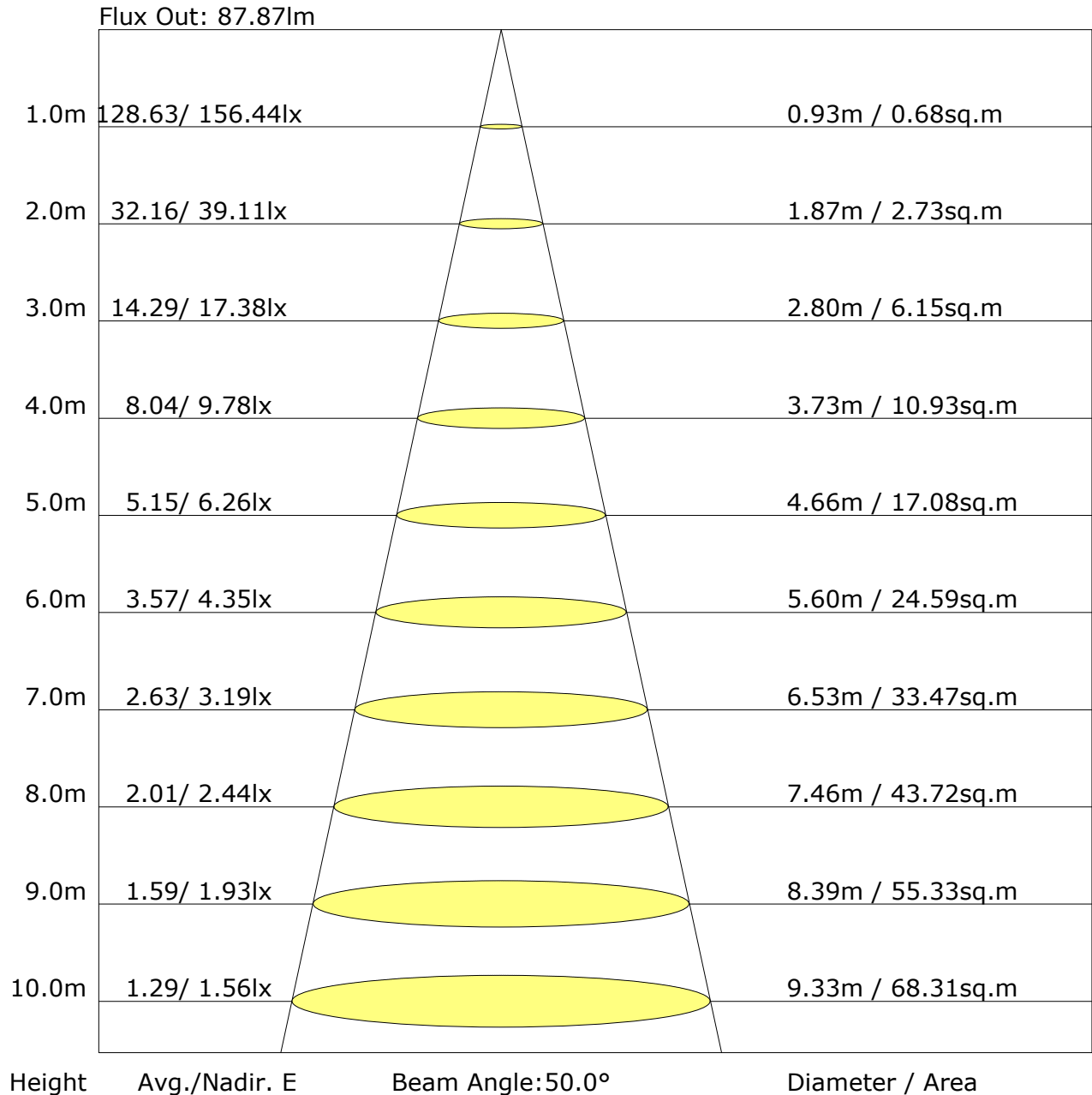
Test Device: GPM-1800B

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: Aaron

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	29.1	30.7	29.4	31.0	31.4	28.7	30.4	29.1	30.7	31.0
3H	30.9	32.4	31.3	32.7	33.1	30.5	32.0	30.9	32.3	32.7
4H	31.6	33.0	32.0	33.4	33.7	31.1	32.5	31.5	32.8	33.2
6H	32.1	33.4	32.5	33.8	34.2	31.4	32.7	31.8	33.1	33.5
8H	32.2	33.5	32.7	33.9	34.3	31.5	32.7	31.9	33.1	33.5
12H	32.3	33.5	32.8	33.9	34.3	31.5	32.7	31.9	33.0	33.5
X=4H Y=2H	29.6	31.0	30.0	31.4	31.8	29.4	30.8	29.8	31.2	31.5
3H	31.7	32.9	32.1	33.3	33.7	31.3	32.5	31.8	32.9	33.3
4H	32.5	33.5	32.9	34.0	34.4	32.0	33.1	32.5	33.5	34.0
6H	33.1	34.0	33.5	34.5	34.9	32.5	33.4	33.0	33.9	34.3
8H	33.3	34.1	33.7	34.6	35.1	32.6	33.4	33.0	33.9	34.4
12H	33.4	34.2	33.9	34.7	35.1	32.6	33.4	33.1	33.9	34.3
X=8H Y=4H	32.7	33.6	33.2	34.0	34.5	32.3	33.2	32.8	33.7	34.1
6H	33.4	34.1	33.9	34.6	35.1	32.9	33.6	33.4	34.1	34.6
8H	33.7	34.3	34.2	34.8	35.3	33.0	33.7	33.5	34.2	34.7
12H	33.8	34.4	34.4	34.9	35.5	33.1	33.6	33.6	34.1	34.7
X=12H Y=4H	32.7	33.5	33.2	34.0	34.5	32.4	33.1	32.9	33.6	34.1
6H	33.4	34.1	34.0	34.6	35.1	32.9	33.6	33.5	34.1	34.6
8H	33.7	34.3	34.2	34.8	35.4	33.1	33.7	33.6	34.2	34.8

Calculate in accordance with CIE 190:2010

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

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 = 1.25								
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	0.56	0.66	0.74	0.79	0.87	0.92	0.95	1.00	1.03
	0.30		0.48	0.58	0.66	0.72	0.80	0.86	0.90	0.96	0.99
	0.20		0.42	0.52	0.60	0.66	0.75	0.81	0.86	0.92	0.96
0.50	0.50	0.20	0.54	0.64	0.71	0.76	0.83	0.88	0.91	0.96	0.99
	0.30		0.47	0.57	0.64	0.70	0.78	0.83	0.87	0.92	0.96
	0.20		0.42	0.52	0.59	0.65	0.73	0.79	0.83	0.89	0.93
0.30	0.50	0.20	0.52	0.62	0.69	0.74	0.80	0.85	0.88	0.92	0.95
	0.30		0.46	0.56	0.63	0.68	0.76	0.81	0.84	0.89	0.92
	0.20		0.41	0.51	0.59	0.64	0.72	0.77	0.81	0.87	0.90
0.00	0.00	0.00	0.39	0.49	0.56	0.61	0.68	0.73	0.77	0.82	0.85
Rating:4W 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 = 1.25									
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	1.01	0.83	0.71	0.62	0.49	0.41	0.35	0.27	0.22	
	0.30		0.84	0.71	0.62	0.55	0.45	0.38	0.32	0.26	0.21	
	0.20		0.72	0.62	0.55	0.49	0.41	0.35	0.30	0.24	0.20	
0.50	0.50	0.20	0.97	0.80	0.68	0.59	0.47	0.42	0.33	0.26	0.21	
	0.30		0.82	0.70	0.60	0.53	0.43	0.36	0.31	0.24	0.20	
	0.20		0.72	0.61	0.54	0.48	0.40	0.34	0.29	0.23	0.19	
0.30	0.50	0.20	0.95	0.77	0.65	0.57	0.45	0.37	0.32	0.25	0.20	
	0.30		0.81	0.68	0.59	0.52	0.42	0.35	0.30	0.23	0.19	
	0.20		0.71	0.61	0.53	0.47	0.39	0.33	0.28	0.22	0.19	
0.00	0.00	0.00	0.61	0.51	0.44	0.39	0.31	0.26	0.22	0.17	0.14	
Rating:4W 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(Ceiling cavity)

Utilisation Factors UF(C)			SHR NOM = 1.25									
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	0.17	0.18	0.19	0.20	0.21	0.21	0.22	0.22	0.22	
	0.30		0.10	0.12	0.13	0.14	0.16	0.17	0.18	0.19	0.20	
	0.20		0.05	0.07	0.08	0.10	0.12	0.13	0.14	0.16	0.17	
0.50	0.50	0.20	0.16	0.18	0.18	0.19	0.20	0.20	0.21	0.21	0.21	
	0.30		0.10	0.11	0.13	0.14	0.15	0.16	0.17	0.18	0.19	
	0.20		0.05	0.07	0.08	0.09	0.11	0.13	0.14	0.16	0.17	
0.30	0.50	0.20	0.16	0.17	0.18	0.18	0.19	0.20	0.20	0.20	0.21	
	0.30		0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.18	0.18	
	0.20		0.05	0.07	0.08	0.09	0.11	0.13	0.14	0.15	0.16	
0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	
Rating:4W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980												