

Report No.:

Test Time: 2018/8/24 10:04

## Luminaire Property

Luminaire Manufacturer:

Luminaire Category: AC RIBBONLYTE

Luminous Length (mm): 600

Luminous Height (mm): 5

Current: 0.071 A

Power Factor: 0.943

Luminaire Description: RBHIAC65120450

Luminous Width (mm): 15

Voltage: 119.6 V

Power: 8.04 W

## Photometric Results

CIE Class: Direct

Measurement Flux: 604.6 lm

Downward Ratio: 99%

Horizontal Diffuse Angle(50%): H115.9

Vertical Diffuse Angle(50%): V113.5

Luminaire Efficacy Rating (LER): 75

Max. Intensity: 217.93 cd

Total Rated Lamp Lumens: 604.6 lm

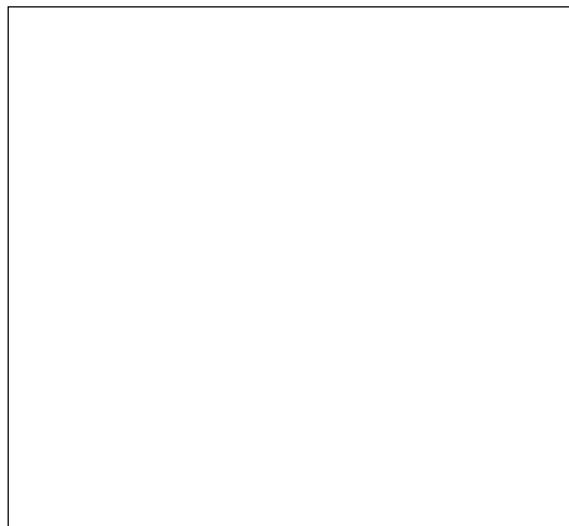
Efficiency: 100%

Upward Ratio: 1%

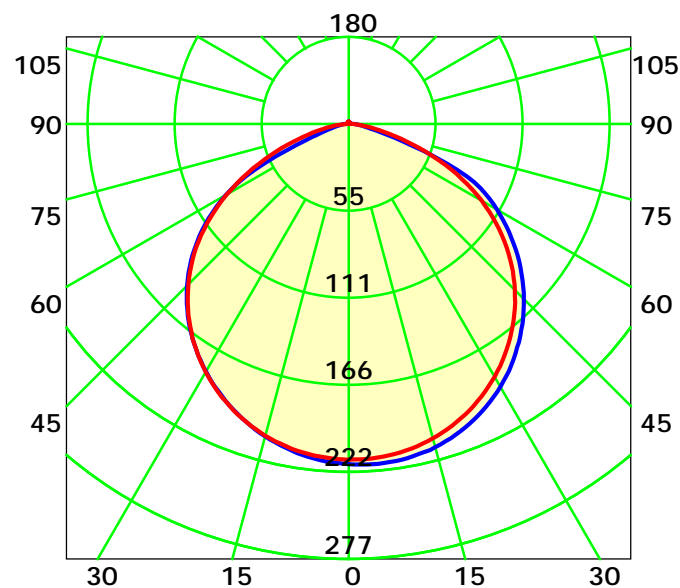
Central Intensity: 217.37 cd

Pos of Max. Intensity: H0 V5

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 114.7° 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

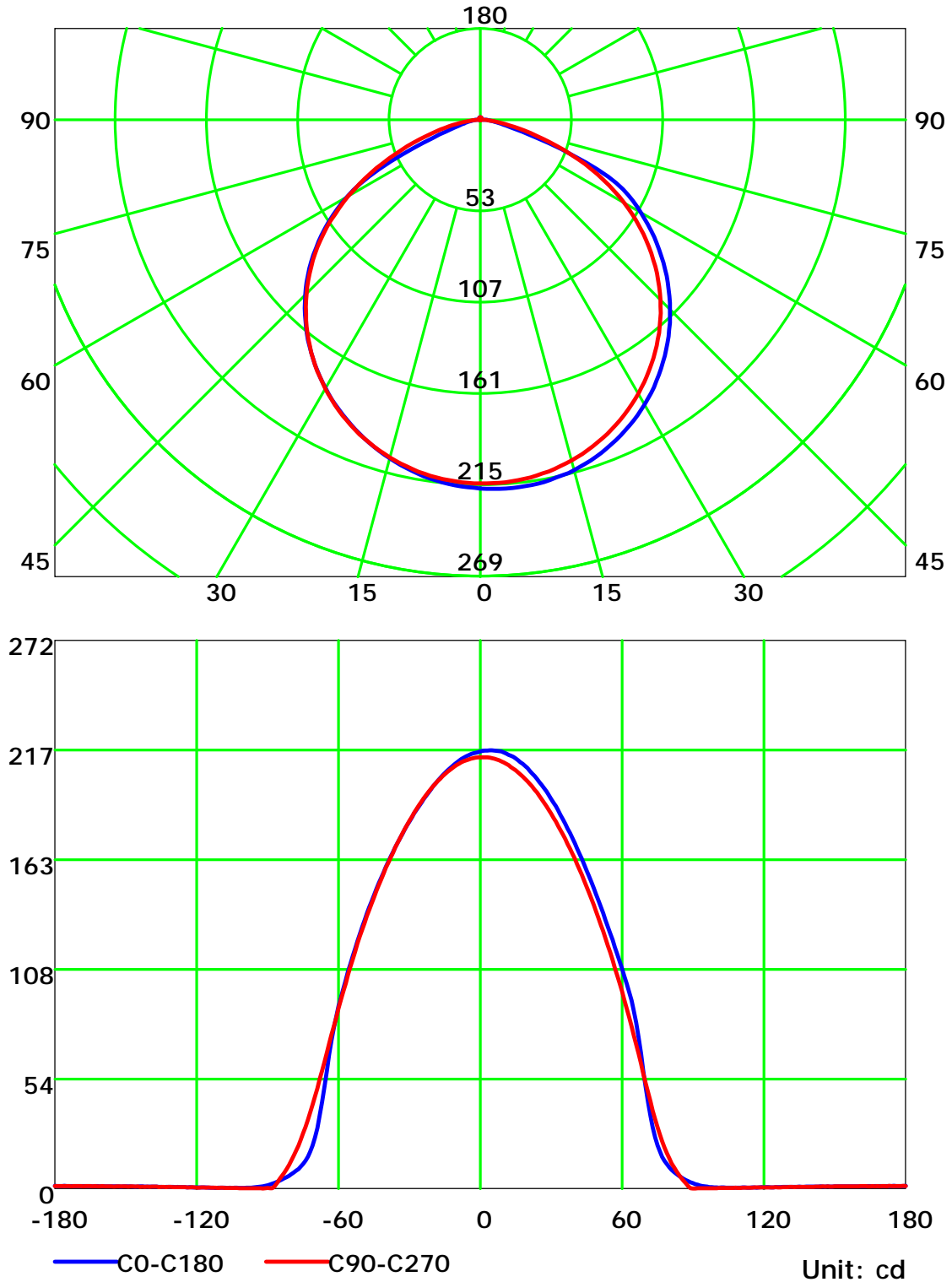
Test Device: GPM-1800B

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

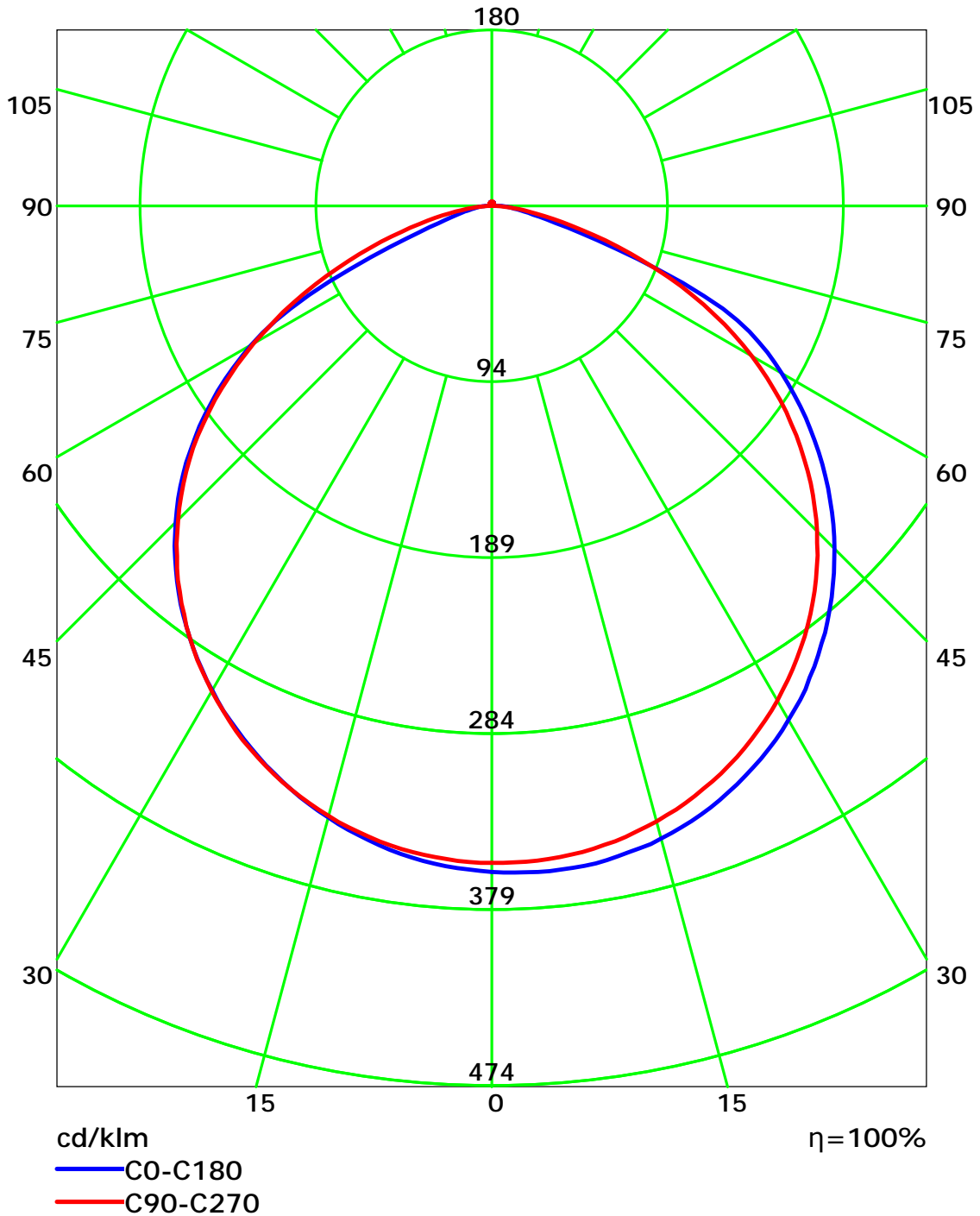
Test Device: GPM-1800B

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:

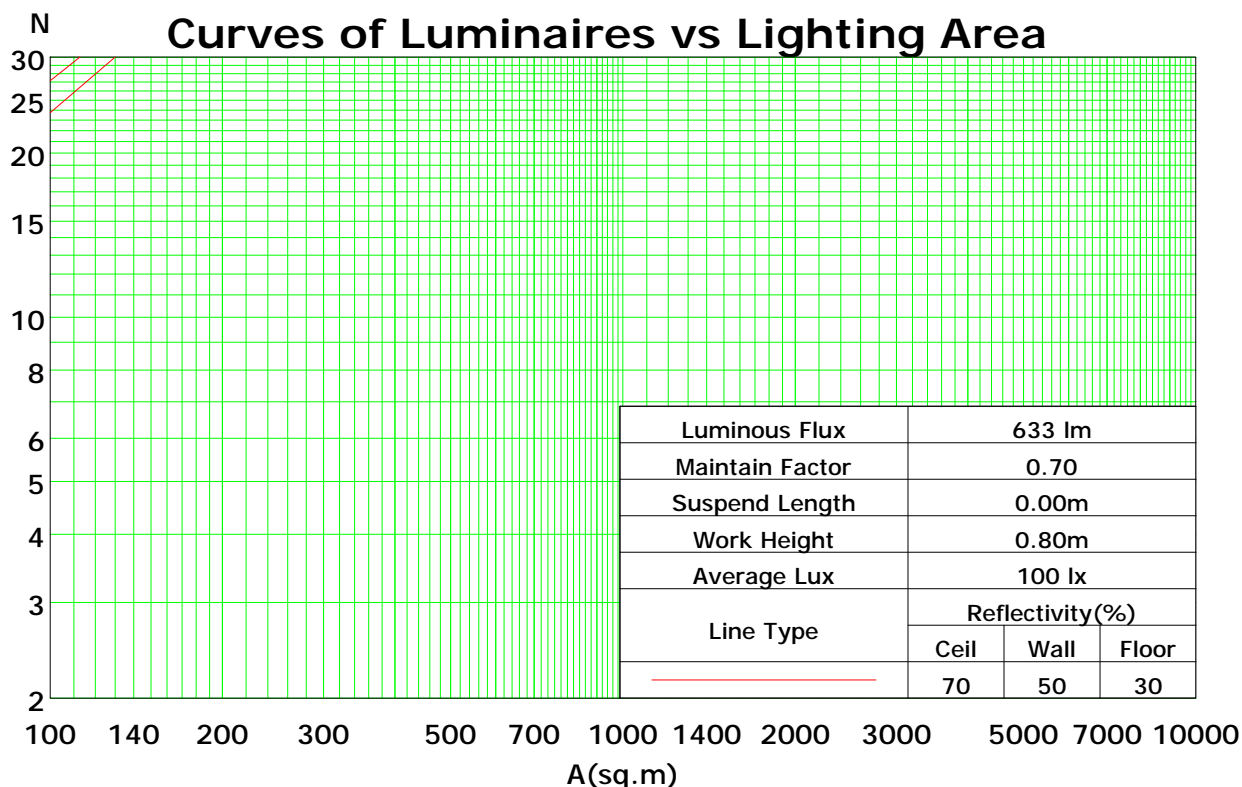
## Coefficients Of Utilization - Zonal Cavity Method

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	109	105	101	97	107	103	99	96	98	95	93	94	92	90	90	89	87	85
2	100	92	85	80	97	90	84	79	86	81	77	83	79	75	80	76	73	71
3	91	81	73	67	89	79	72	66	76	70	65	73	68	64	71	66	62	60
4	83	72	63	57	81	70	62	56	68	61	55	65	59	55	63	58	54	52
5	77	64	55	49	75	63	55	48	61	53	48	59	52	47	57	51	47	45
6	71	58	49	43	69	57	48	42	55	47	42	53	46	41	51	46	41	39
7	66	52	44	38	64	51	43	37	50	42	37	48	42	37	47	41	36	34
8	61	48	39	33	59	47	39	33	46	38	33	44	38	33	43	37	33	31
9	57	44	36	30	56	43	35	30	42	35	30	41	34	30	40	34	29	27
10	53	40	32	27	52	40	32	27	39	32	27	38	31	27	37	31	27	25

Spacing Criteria (0-180): 1.29

Spacing Criteria (90-270): 1.28

Spacing Criteria (Diagonal): 1.39



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

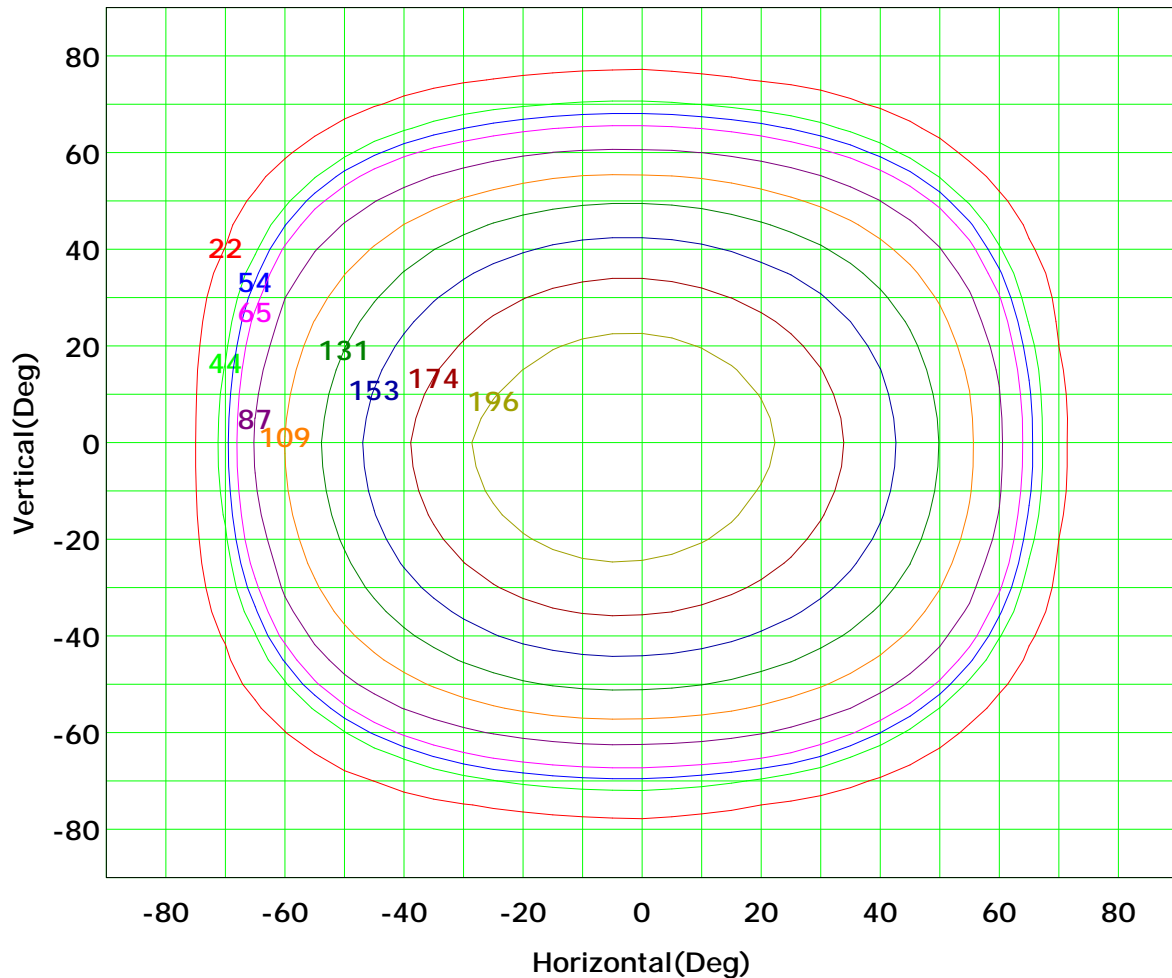
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

## Isocandela (rectangle)



I<sub>max</sub> (100%): 218 cd

( 10%):	22 cd	( 20%):	44 cd
( 25%):	54 cd	( 30%):	65 cd
( 40%):	87 cd	( 50%):	109 cd
( 60%):	131 cd	( 70%):	153 cd
( 80%):	174 cd	( 90%):	196 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

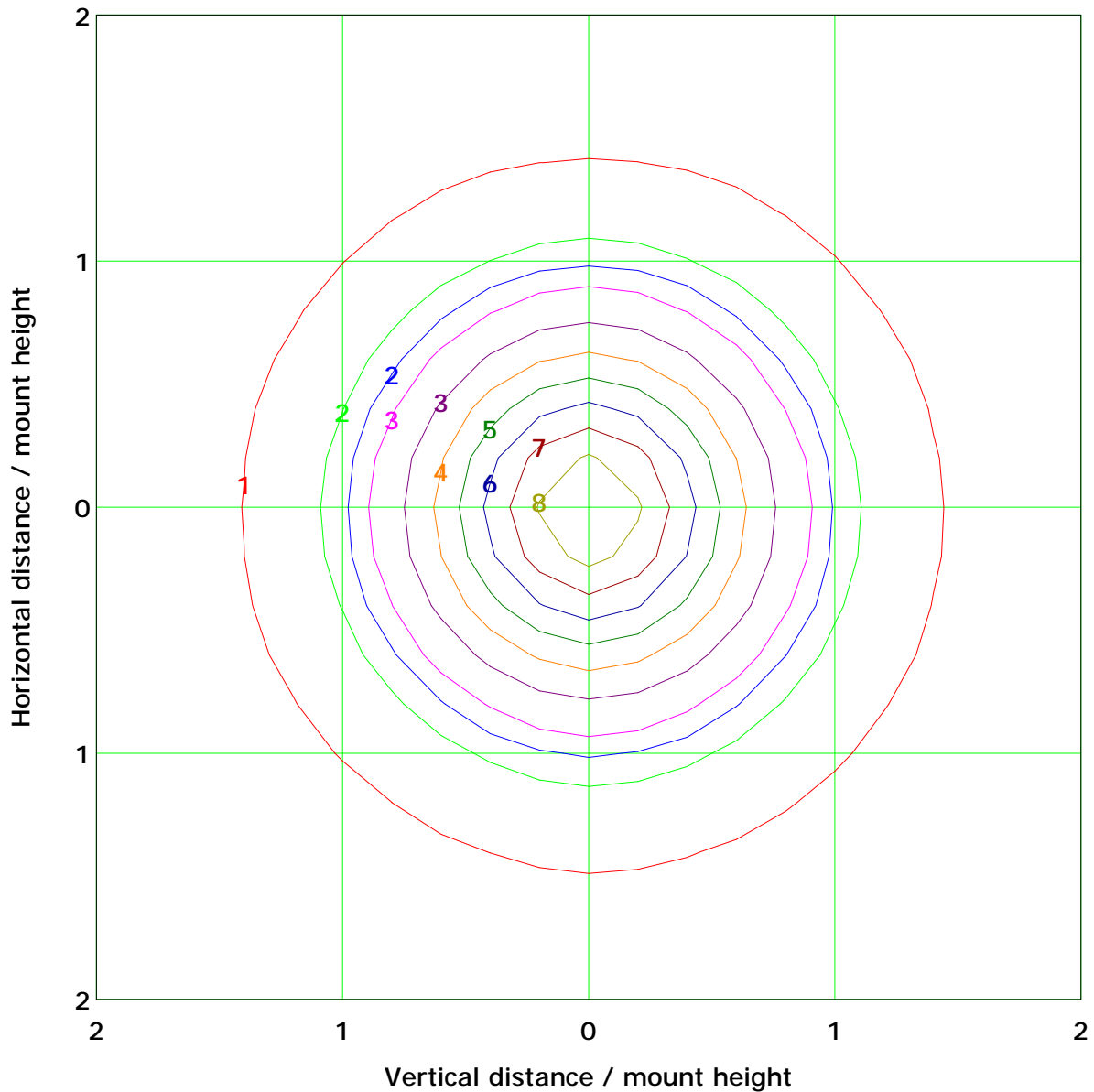
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

## IsoLux Plot



Mounting Height: 5.0m Max Lux(100%): 8.7 lx

( 10%): 0.9 lx	( 20%): 1.7 lx
( 25%): 2.2 lx	( 30%): 2.6 lx
( 40%): 3.5 lx	( 50%): 4.3 lx
( 60%): 5.2 lx	( 70%): 6.1 lx
( 80%): 7.0 lx	( 90%): 7.8 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

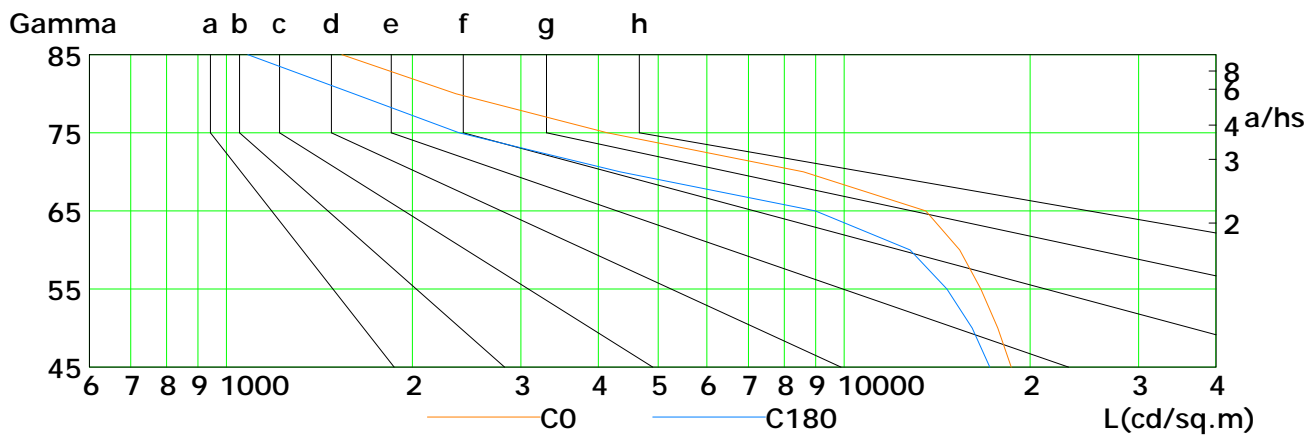
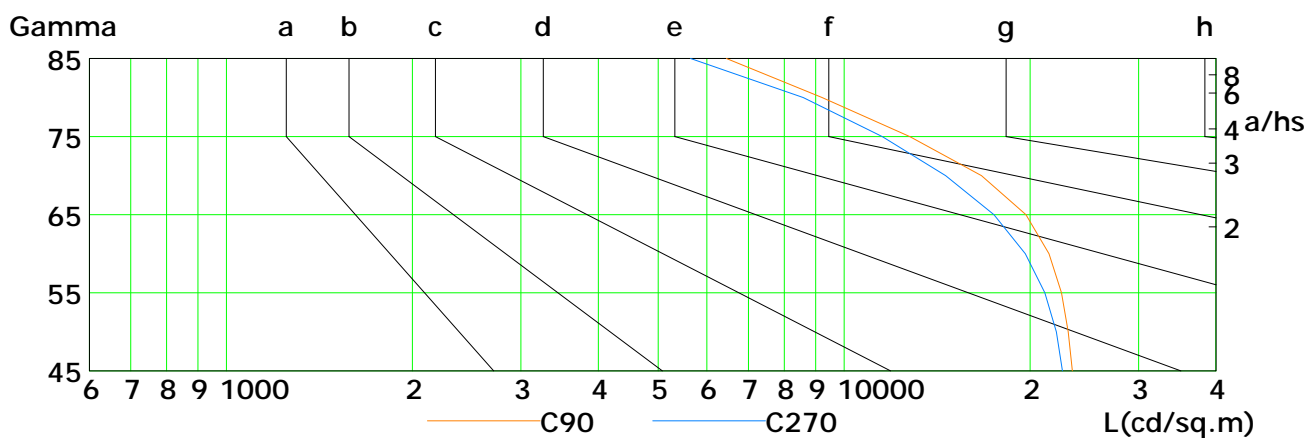
Humidity: 60%

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	18651	17740	16658	15399	13565	8597	4138	2353	1540
C90	23416	23058	22484	21483	19711	16686	12774	9220	6448
C180	17210	16116	14670	12785	8990	4339	2382	1609	1084
C270	22585	22067	21137	19658	17479	14600	11529	8584	5645

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

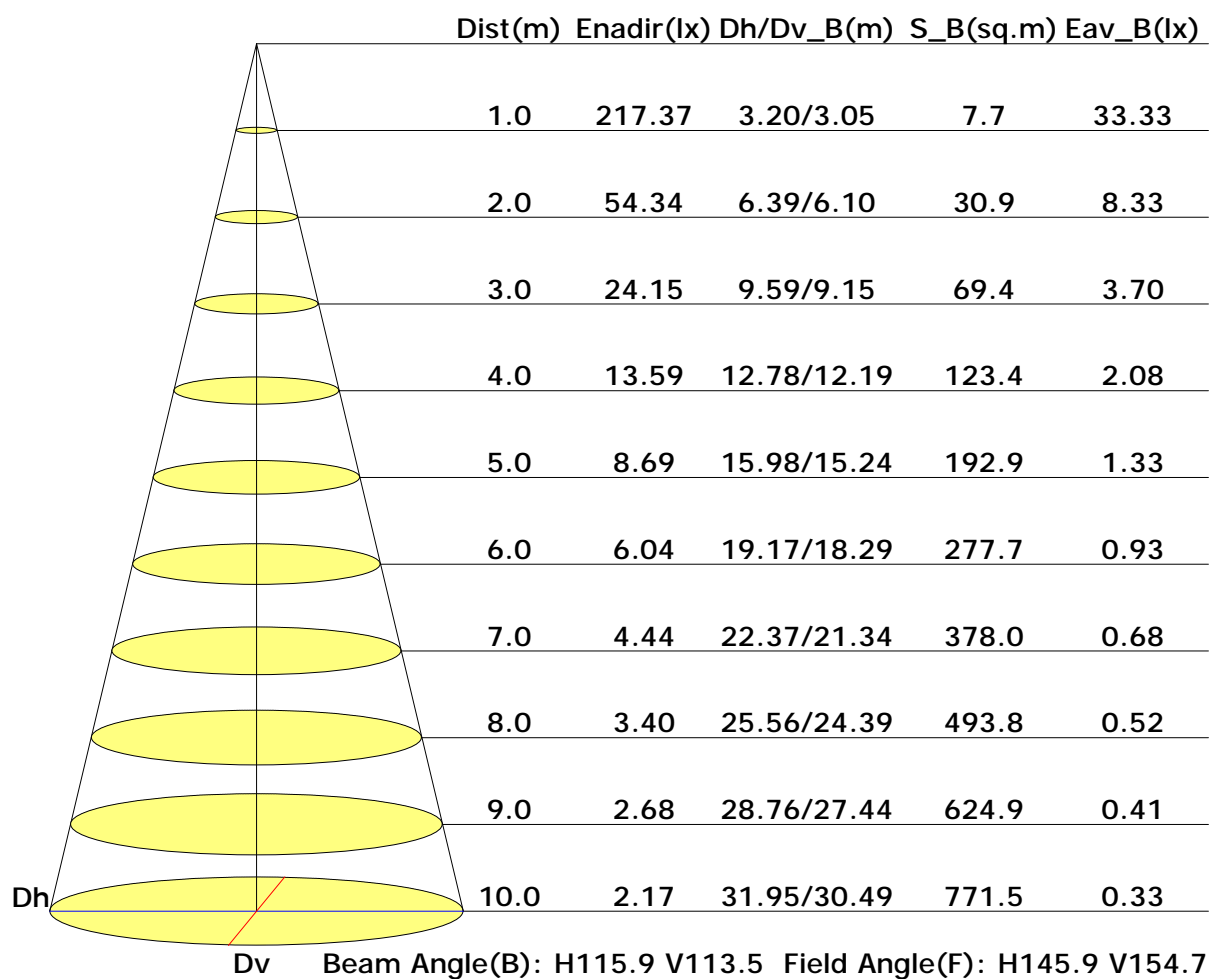
Test Device: GPM-1800B

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

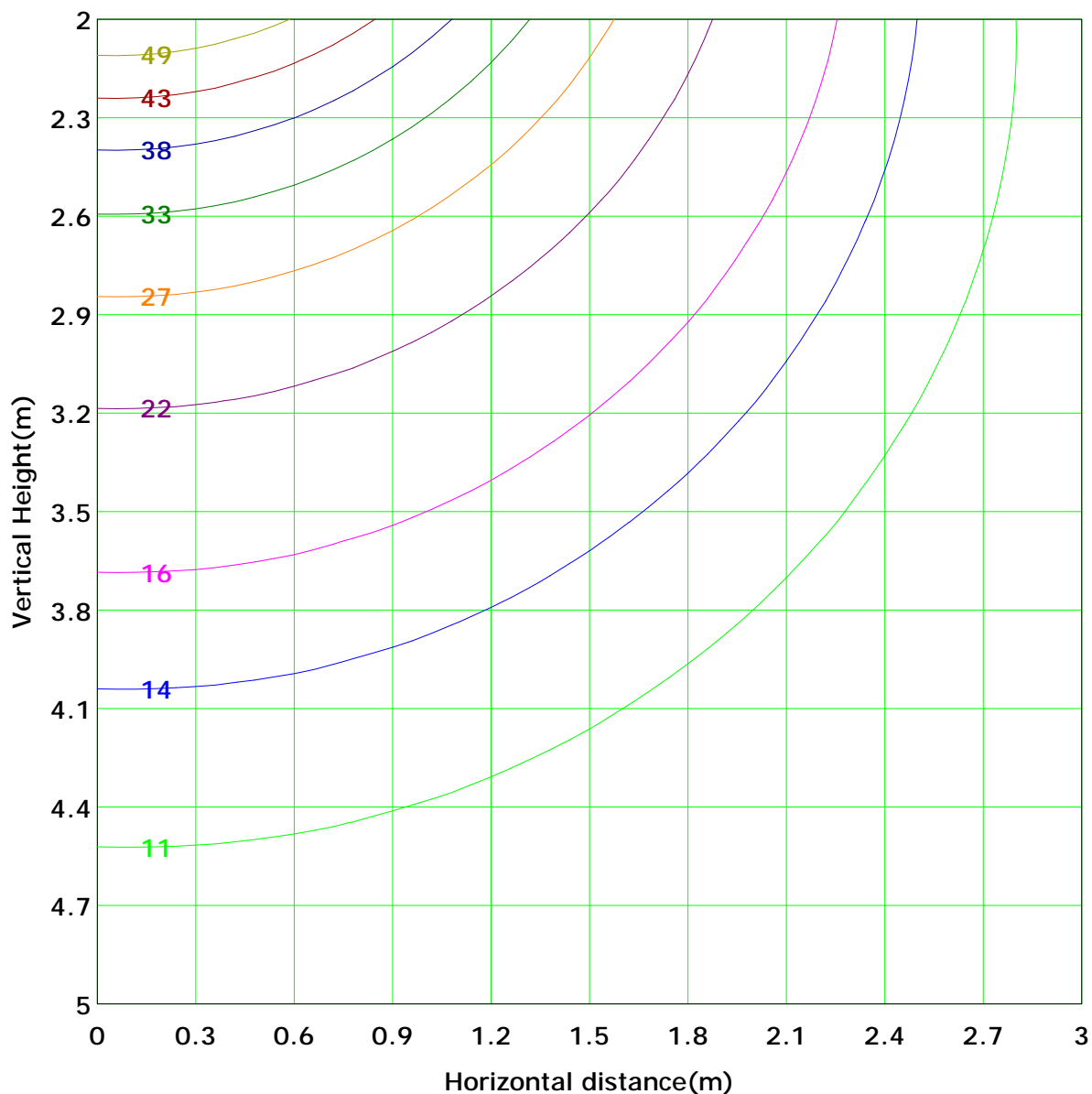
Distance: 9.028 m

Humidity: 60%

Inspector:



## Vertical IsoLux Plot



Lowest(m): 2.0m	Highest(m): 5.0m	Max Lux: 54.4 lx
( 10%): 5.4 lx	( 20%): 10.9 lx	
( 25%): 13.6 lx	( 30%): 16.3 lx	
( 40%): 21.7 lx	( 50%): 27.2 lx	
( 60%): 32.6 lx	( 70%): 38.1 lx	
( 80%): 43.5 lx	( 90%): 48.9 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%

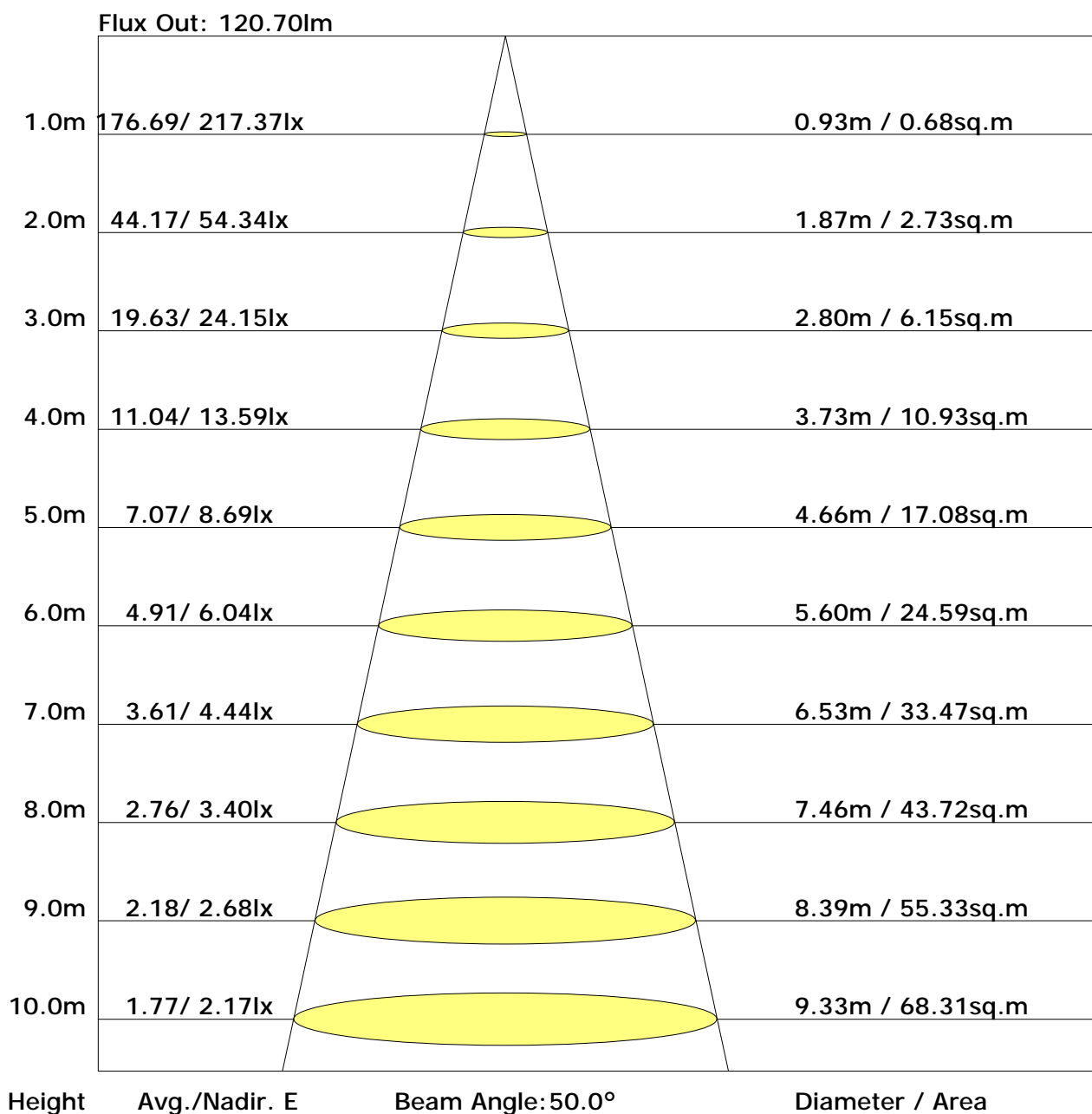
Inspector:

## 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	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0
		0.0	0.0	0.1	0.1	0.2	0.3	0.4	0.6	0.7	0.8	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.2	0.0
		0.0	0.1	0.1	0.2	0.5	1.0	2.0	2.8	3.0	3.1	4.3	5.4	5.8	6.0	6.2	6.3	6.4	6.5	6.6	6.3	0.0
		0.0	0.1	0.2	0.5	1.3	2.1	2.8	3.9	4.1	4.3	5.1	5.8	6.2	6.4	6.5	6.6	6.7	6.8	6.9	6.4	0.0
		0.0	0.1	0.2	0.6	2.1	3.6	4.3	5.4	5.8	6.0	6.5	6.8	7.0	7.1	7.2	7.3	7.4	7.5	7.6	7.1	0.0
		0.0	0.1	0.2	0.6	2.1	3.6	4.3	5.4	5.8	6.0	6.5	6.8	7.0	7.1	7.2	7.3	7.4	7.5	7.6	7.1	0.0
		0.0	0.1	0.2	0.6	2.1	3.6	4.3	5.4	5.8	6.0	6.5	6.8	7.0	7.1	7.2	7.3	7.4	7.5	7.6	7.1	0.0
		0.0	0.1	0.2	0.6	2.1	3.6	4.3	5.4	5.8	6.0	6.5	6.8	7.0	7.1	7.2	7.3	7.4	7.5	7.6	7.1	0.0
		0.0	0.1	0.2	0.6	2.1	3.6	4.3	5.4	5.8	6.0	6.5	6.8	7.0	7.1	7.2	7.3	7.4	7.5	7.6	7.1	0.0
		0.0	0.1	0.2	0.6	2.1	3.6	4.3	5.4	5.8	6.0	6.5	6.8	7.0	7.1	7.2	7.3	7.4	7.5	7.6	7.1	0.0
		0.0	0.1	0.2	0.6	2.1	3.6	4.3	5.4	5.8	6.0	6.5	6.8	7.0	7.1	7.2	7.3	7.4	7.5	7.6	7.1	0.0
		0.0	0.1	0.2	0.6	2.1	3.6	4.3	5.4	5.8	6.0	6.5	6.8	7.0	7.1	7.2	7.3	7.4	7.5	7.6	7.1	0.0
		0.0	0.1	0.2	0.6	2.1	3.6	4.3	5.4	5.8	6.0	6.5	6.8	7.0	7.1	7.2	7.3	7.4	7.5	7.6	7.1	0.0
		0.0	0.1	0.2	0.6	2.1	3.6	4.3	5.4	5.8	6.0	6.5	6.8	7.0	7.1	7.2	7.3	7.4	7.5	7.6	7.1	0.0
		0.0	0.1	0.2	0.6	2.1	3.6	4.3	5.4	5.8	6.0	6.5	6.8	7.0	7.1	7.2	7.3	7.4	7.5	7.6	7.1	0.0
		0.0	0.1	0.2	0.6	2.1	3.6	4.3	5.4	5.8	6.0	6.5	6.8	7.0	7.1	7.2	7.3	7.4	7.5	7.6	7.1	0.0
		0.0	0.1	0.2	0.6	2.1	3.6	4.3	5.4	5.8	6.0	6.5	6.8	7.0	7.1	7.2	7.3	7.4	7.5	7.6	7.1	0.0
		0.0	0.1	0.2	0.6	2.1	3.6	4.3	5.4	5.8	6.0	6.5	6.8	7.0	7.1	7.2	7.3	7.4	7.5	7.6	7.1	0.0
		0.0	0.1	0.2	0.6	2.1	3.6	4.3	5.4	5.8	6.0	6.5	6.8	7.0	7.1	7.2	7.3	7.4	7.5	7.6	7.1	0.0
		0.0	0.1	0.2	0.6	2.1	3.6	4.3	5.4	5.8	6.0	6.5	6.8	7.0	7.1	7.2	7.3	7.4	7.5	7.6	7.1	0.0
		0.0	0.1	0.2	0.6	2.1	3.6	4.3	5.4	5.8	6.0	6.5	6.8	7.0	7.1	7.2	7.3	7.4	7.5	7.6	7.1	0.0
		0.0	0.1	0.2	0.6	2.1	3.6	4.3	5.4	5.8	6.0	6.5	6.8	7.0	7.1	7.2	7.3	7.4	7.5	7.6	7.1	0.0
		0.0	0.1	0.2	0.6	2.1	3.6	4.3	5.4	5.8	6.0	6.5	6.8	7.0	7.1	7.2	7.3	7.4	7.5	7.6	7.1	0.0
		0.0	0.1	0.2	0.6	2.1	3.6	4.3	5.4	5.8	6.0	6.5	6.8	7.0	7.1	7.2	7.3	7.4	7.5	7.6	7.1	0.0
		0.0	0.1	0.2	0.6	2.1	3.6	4.3	5.4	5.8	6.0	6.5	6.8	7.0	7.1	7.2	7.3	7.4	7.5	7.6	7.1	0.0
		0.0	0.1	0.2	0.6	2.1	3.6	4.3	5.4	5.8	6.0	6.5	6.8	7.0	7.1	7.2	7.3	7.4	7.5	7.6	7.1	0.0
		0.0	0.1	0.2	0.6	2.1	3.6	4.3	5.4	5.8	6.0	6.5	6.8	7.0	7.1	7.2	7.3	7.4	7.5	7.6	7.1	0.0
		0.0	0.1	0.2	0.6	2.1	3.6	4.3	5.4	5.8	6.0	6.5	6.8	7.0	7.1	7.2	7.3	7.4	7.5	7.6	7.1	0.0
		0.0	0.1	0.2	0.6	2.1	3.6	4.3	5.4	5.8	6.0	6.5	6.8	7.0	7.1	7.2	7.3	7.4	7.5	7.6	7.1	0.0
		0.0	0.1	0.2	0.6	2.1	3.6	4.3	5.4	5.8	6.0	6.5	6.8	7.0	7.1	7.2	7.3	7.4	7.5	7.6	7.1	0.0
		0.0	0.1	0.2	0.6	2.1	3.6	4.3	5.4	5.8	6.0	6.5	6.8	7.0	7.1	7.2	7.3	7.4	7.5	7.6	7.1	0.0
		0.0	0.1	0.2	0.6	2.1	3.6	4.3	5.4	5.8	6.0	6.5	6.8	7.0	7.1	7.2	7.3	7.4	7.5	7.6	7.1	0.0
		0.0	0.1	0.2	0.6	2.1	3.6	4.3	5.4	5.8	6.0	6.5	6.8	7.0	7.1	7.2	7.3	7.4	7.5	7.6	7.1	0.0
		0.0	0.1	0.2	0.6	2.1	3.6	4.3	5.4	5.8	6.0	6.5	6.8	7.0	7.1	7.2	7.3	7.4	7.5	7.6	7.1	0.0
		0.0	0.1	0.2	0.6	2.1	3.6	4.3	5.4	5.8	6.0	6.5	6.8	7.0	7.1	7.2	7.3	7.4	7.5	7.6	7.1	0.0
		0.0	0.1	0.2	0.6	2.1	3.6	4.3	5.4	5.8	6.0	6.5	6.8	7.0	7.1	7.2	7.3	7.4	7.5	7.6	7.1	0.0
		0.0	0.1	0.2	0.6	2.1	3.6	4.3	5.4	5.8	6.0	6.5	6.8	7.0	7.1	7.2	7.3	7.4	7.5	7.6	7.1	0.0
		0.0	0.1	0.2	0.6	2.1	3.6	4.3	5.4	5.8	6.0	6.5	6.8	7.0	7.1	7.2	7.3	7.4	7.5	7.6	7.1	0.0
		0.0	0.1	0.2	0.6	2.1	3.6	4.3	5.4	5.8	6.0	6.5	6.8	7.0	7.1	7.2	7.3	7.4	7.5	7.6	7.1	0.0
		0.0	0.1	0.2	0.6	2.1	3.6	4.3	5.4	5.8	6.0	6.5	6.8	7.0	7.1	7.2	7.3	7.4	7.5	7.6	7.1	0.0
		0.0	0.1	0.2	0.6	2.1	3.6	4.3	5.4	5.8	6.0	6.5	6.8	7.0	7.1	7.2	7.3	7.4	7.5	7.6	7.1	0.0
		0.0	0.1	0.2	0.6	2.1	3.6	4.3	5.4	5.8	6.0	6.5	6.8	7.0	7.1	7.2	7.3	7.4	7.5	7.6	7.1	0.0
		0.0	0.1	0.2	0.6	2.1	3.6	4.3	5.4	5.8	6.0	6.5	6.8	7.0	7.1	7.2	7.3	7.4	7.5	7.6	7.1	0.0
		0.0	0.1	0.2	0.6	2.1	3.6	4.3	5.4	5.8	6.0	6.5	6.8	7.0	7.1	7.2	7.3	7.4	7.5	7.6	7.1	0.0
		0.0	0.1	0.2	0.6	2.1	3.6	4.3	5.4	5.8	6.0	6.5	6.8	7.0	7.1	7.2	7.3	7.4	7.5	7.6	7.1	0.0
		0.0	0.1	0.2	0.6	2.1	3.6	4.3	5.4	5.8	6.0	6.5	6.8	7.0	7.1	7.2	7.3	7.4	7.5	7.6	7.1	0.0
		0.0	0.1	0.2	0.6	2.1	3.6	4.3	5.4	5.8	6.0	6.5	6.8	7.0	7.1	7.2	7.3	7.4	7.5	7.6	7.1	0.0
		0.0	0.1	0.2	0.6	2.1	3.6	4.3	5.4	5.8	6.0	6.5	6.8	7.0	7.1	7.2	7.3	7.4	7.5	7.6	7.1	0.0
		0.0	0.1	0.2	0.6	2.1	3.6	4.3	5.4	5.8	6.0	6.5	6.8	7.0	7.1	7.2	7.3	7.4	7.5	7.6	7.1	0.0
		0.0	0.1	0.2	0.6	2.1	3.6	4.3	5.4	5.8	6.0	6.5	6.8	7.0	7.1	7.2	7.3	7.4	7.5	7.6	7.1	0.0
		0.0	0.1	0.2	0.6	2.1	3.6	4.3	5.4	5.8	6.0	6.5	6.8	7.0	7.1	7.2	7.3	7.4	7.5	7.6	7.1	0.0
		0.0	0.1	0.2	0.6	2.1	3.6	4.3	5.4	5.8	6.0	6.5	6.8	7.0	7.1	7.2	7.3	7.4	7.5	7.6	7.1	0.0
		0.0	0.1	0.2	0.6	2.1	3.6	4.3	5.4	5.8	6.0	6.5	6.8	7.0	7.1	7.2	7.3	7.4	7.5	7.6	7.1	0.0
		0.0	0.1	0.2	0.6	2.1	3.6	4.3	5.4	5.8	6.0	6.5	6.8	7.0	7.1	7.2	7.3	7.4	7.5	7.6	7.1	0.0
		0.0	0.1	0.2	0.6	2.1	3.6	4.3	5.4	5.8	6.0	6.5	6.8	7.0	7.1	7.2	7.3	7.4	7.5	7.6	7.1	0.0
		0.0	0.1	0.2	0.6	2.1	3.6	4.3	5.4	5.8	6.0	6.5	6.8	7.0	7.1	7.2	7.3	7.4	7.5	7.6	7.1	0.0
		0.0	0.1	0.2	0.6	2.1	3.6	4.3	5.4	5.8	6.0	6.5	6.8	7.0	7.1	7.2	7.3	7.4	7.5	7.6	7.1	0.0
		0.0	0.1	0.2	0.6	2.1	3.6	4.3	5.4	5.8	6.0	6.5	6.8	7.0	7.1	7.2	7.3	7.4	7.5	7.6	7.1	0.0
		0.0	0.1	0.2	0.6	2.1	3.6	4.3	5.4	5.8	6.0	6.5	6.8	7.0	7.1	7.2	7.3	7.4	7.5	7.6	7.1	0.0
		0.0	0.1	0.2	0.6	2.1	3.6	4.3	5.4	5.8	6.0	6.5	6.8	7.0	7.1	7.2	7.3	7.4	7.5	7.6	7.1	0.0
		0.0	0.1	0.2	0.6	2.1	3.6	4.3	5.4	5.8	6.0	6.5	6.8	7.0	7.1	7.2	7.3	7.4	7.5	7.6	7.1	0.0
		0.0	0.1	0.2	0.6	2.1	3.6	4.3	5.4	5.8	6.0	6.5	6.8	7.0	7.1	7.2	7.3	7.4	7.5	7.6	7.1	0.0
		0.0	0.1	0.2	0.6	2.1	3.6	4.3	5.4	5.8	6.0	6.5	6.8	7.0	7.1	7.2	7.3	7.4	7.5	7.6	7.1	0.0

## The Average Illuminance Effective Figure



## 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	24.8	26.4	25.2	26.8	27.1	23.6	25.2	24.0	25.5	25.9
3H	26.2	27.7	26.6	28.0	28.4	24.8	26.2	25.2	26.6	27.0
4H	26.4	27.8	26.8	28.1	28.5	25.1	26.4	25.5	26.8	27.2
6H	26.5	27.7	26.9	28.1	28.5	25.2	26.4	25.6	26.8	27.2
8H	26.5	27.7	26.9	28.1	28.5	25.2	26.4	25.6	26.8	27.2
12H	26.5	27.6	26.9	28.0	28.5	25.2	26.3	25.6	26.7	27.1
X=4H Y=2H	25.2	26.6	25.7	26.9	27.3	24.2	25.5	24.6	25.9	26.3
3H	26.7	27.8	27.1	28.2	28.6	25.5	26.6	25.9	27.0	27.4
4H	26.9	27.9	27.3	28.3	28.8	25.8	26.8	26.2	27.2	27.7
6H	27.0	27.9	27.5	28.3	28.8	25.9	26.8	26.4	27.2	27.7
8H	27.0	27.8	27.5	28.3	28.8	25.9	26.7	26.4	27.2	27.7
12H	27.0	27.8	27.5	28.3	28.8	25.9	26.7	26.4	27.2	27.6
X=8H Y=4H	26.9	27.7	27.4	28.2	28.7	25.8	26.6	26.3	27.1	27.6
6H	27.0	27.7	27.5	28.2	28.7	26.0	26.6	26.5	27.2	27.7
8H	27.1	27.7	27.6	28.2	28.7	26.0	26.6	26.5	27.1	27.6
12H	27.1	27.6	27.6	28.2	28.7	26.0	26.5	26.5	27.1	27.6
X=12H Y=4H	26.9	27.6	27.4	28.1	28.6	25.8	26.5	26.3	27.0	27.5
6H	27.0	27.6	27.6	28.1	28.7	26.0	26.6	26.5	27.0	27.6
8H	27.1	27.6	27.6	28.1	28.7	26.0	26.5	26.5	27.0	27.6

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	0.58	0.68	0.76	0.81	0.89	0.94	0.97	1.02	1.04
	0.30		0.50	0.61	0.69	0.75	0.83	0.88	0.92	0.98	1.01
	0.20		0.44	0.55	0.63	0.69	0.78	0.84	0.88	0.94	0.98
0.50	0.50	0.20	0.56	0.66	0.73	0.79	0.86	0.90	0.93	0.97	1.00
	0.30		0.49	0.60	0.67	0.73	0.81	0.86	0.89	0.94	0.97
	0.20		0.44	0.55	0.62	0.68	0.76	0.82	0.86	0.91	0.95
0.30	0.50	0.20	0.54	0.64	0.71	0.76	0.83	0.87	0.90	0.94	0.96
	0.30		0.48	0.59	0.66	0.71	0.78	0.83	0.87	0.91	0.94
	0.20		0.43	0.54	0.62	0.67	0.75	0.80	0.84	0.89	0.92
0.00	0.00	0.00	0.41	0.51	0.59	0.64	0.71	0.76	0.80	0.84	0.87
Rating:8W 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	0.98	0.80	0.67	0.58	0.46	0.38	0.32	0.25	0.20	
	0.30		0.82	0.69	0.59	0.52	0.42	0.35	0.30	0.23	0.19	
	0.20		0.70	0.60	0.52	0.46	0.38	0.32	0.28	0.22	0.18	
0.50	0.50	0.20	0.95	0.77	0.65	0.56	0.44	0.39	0.31	0.23	0.19	
	0.30		0.80	0.67	0.57	0.50	0.40	0.33	0.29	0.22	0.18	
	0.20		0.69	0.59	0.51	0.45	0.37	0.31	0.27	0.21	0.18	
0.30	0.50	0.20	0.92	0.74	0.62	0.53	0.42	0.34	0.29	0.22	0.18	
	0.30		0.78	0.65	0.55	0.48	0.39	0.32	0.27	0.21	0.17	
	0.20		0.69	0.58	0.50	0.44	0.36	0.30	0.26	0.20	0.17	
0.00	0.00	0.00	0.58	0.48	0.41	0.35	0.28	0.23	0.20	0.15	0.12	
<p>Rating:8W 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 = 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	0.23
	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	0.09	0.10	0.12	0.14	0.15	0.17	0.18
0.50	0.50	0.20	0.16	0.18	0.18	0.19	0.20	0.20	0.21	0.21	0.22
	0.30		0.10	0.12	0.13	0.14	0.15	0.17	0.17	0.19	0.19
	0.20		0.05	0.07	0.09	0.10	0.12	0.13	0.15	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	0.13	0.14	0.15	0.16	0.17	0.18	0.19
	0.20		0.05	0.07	0.09	0.10	0.12	0.13	0.14	0.16	0.17
0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
<p>Rating:8W 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>											