



Luminaire Property

Lamp Description: XPG2-7C1-R2
Lumens per Lamp: 235
Luminous Width (mm): 16
Voltage: 12.5 V
Power: 8.70 W

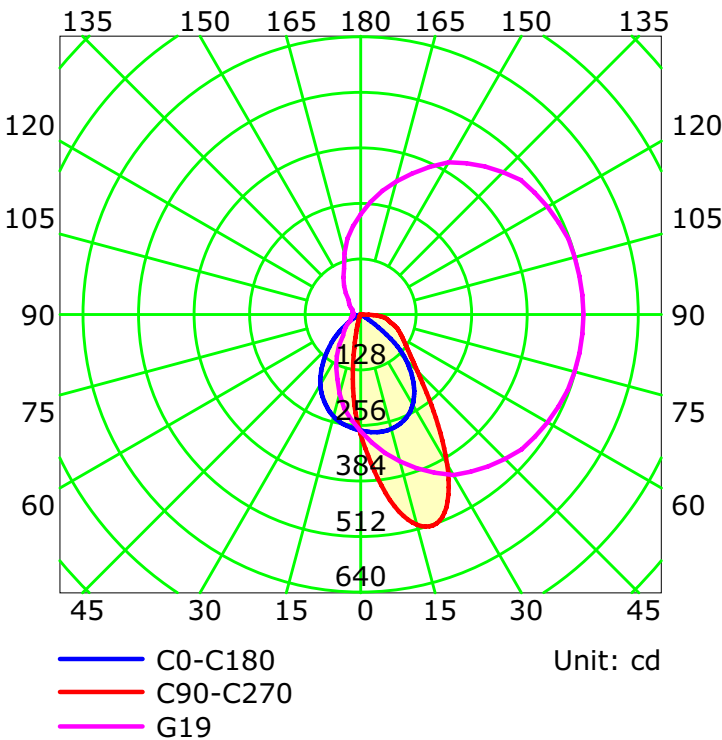
Lamp Catalog: LED
Number of Lamps: 4
Luminous Length (mm): 53
Luminous Height (mm): 16
Current: 0.693 A
Power Factor: 1.000

Photometric Results

CIE Class: Direct
Measurement Flux: 522.4 lm
Downward Ratio: 55.57%
Luminaire Efficacy Rating (LER): 60
Max. Intensity: 513.84 cd

Total Rated Lamp Lumens: 940.0 lm
Efficiency: 55.57%
Upward Ratio: 0.00%
Central Intensity: 267.55 cd
Pos of Max. Intensity: H90 V19

Luminous Intensity Distribution Curve



Test Type: TYPE C
Temperature: 25
Operator: Ming Sheng Feng

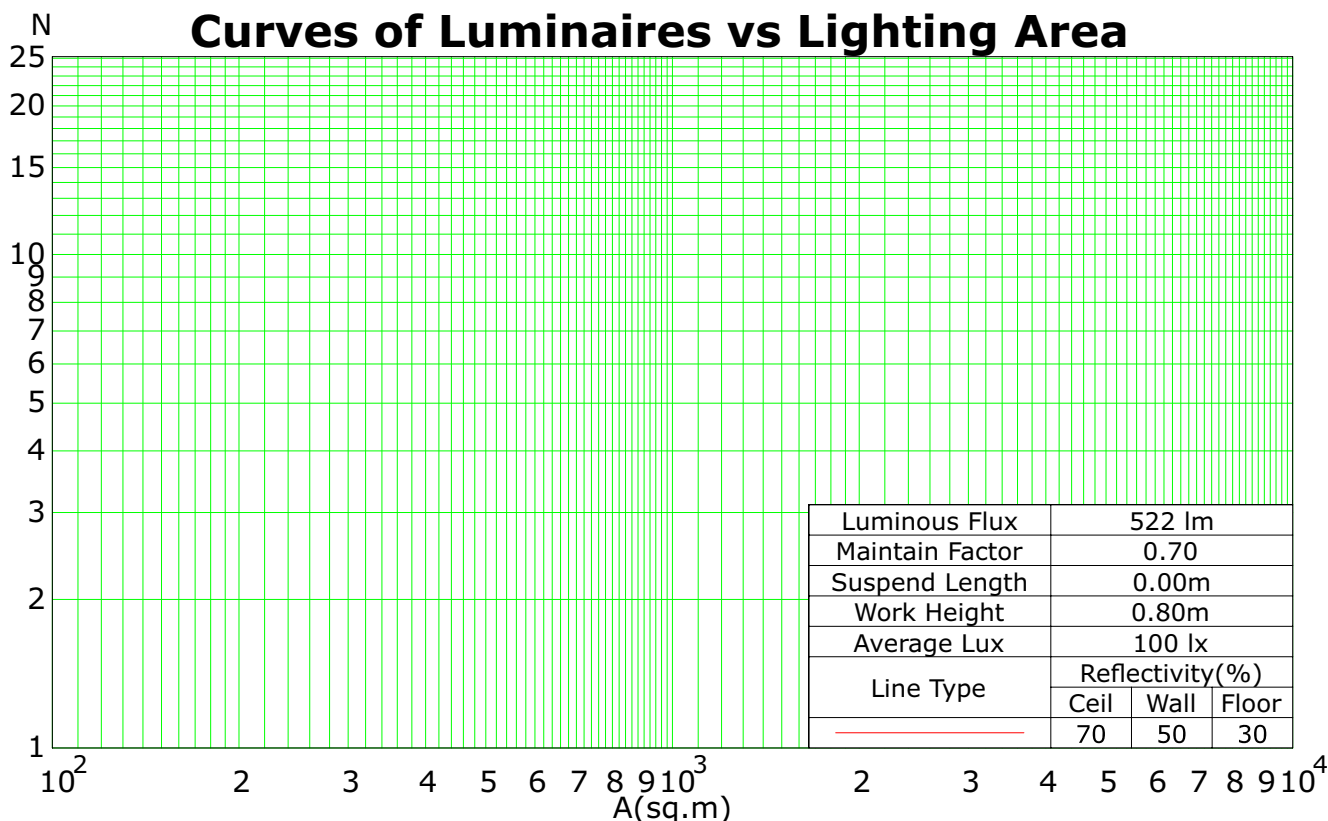
Test Device: GPM-1800
Distance: 10.138 m
Humidity: 60
Inspector:



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	66	66	66	66	65	65	65	65	62	62	62	59	59	59	57	57	57	56
1	61	59	57	55	60	58	56	54	55	54	53	53	52	51	51	50	49	48
2	57	53	50	47	55	52	49	46	50	47	45	48	46	44	46	45	43	42
3	53	47	44	40	51	47	43	40	45	42	39	44	41	39	42	40	38	37
4	49	43	39	35	48	42	38	35	41	37	35	40	37	34	39	36	34	33
5	45	39	35	31	44	38	34	31	37	34	31	36	33	31	35	33	30	29
6	42	36	31	28	41	35	31	28	34	31	28	33	30	28	33	30	27	26
7	39	33	28	25	39	32	28	25	32	28	25	31	27	25	30	27	25	24
8	37	30	26	23	36	30	26	23	29	25	23	28	25	23	28	25	23	22
9	35	28	24	21	34	28	24	21	27	23	21	26	23	21	26	23	21	20
10	33	26	22	19	32	26	22	19	25	22	19	25	21	19	24	21	19	18

Spacing Criteria (0-180): 1.19
 Spacing Criteria (90-270): 1.12
 Spacing Criteria (Diagonal): 1.19

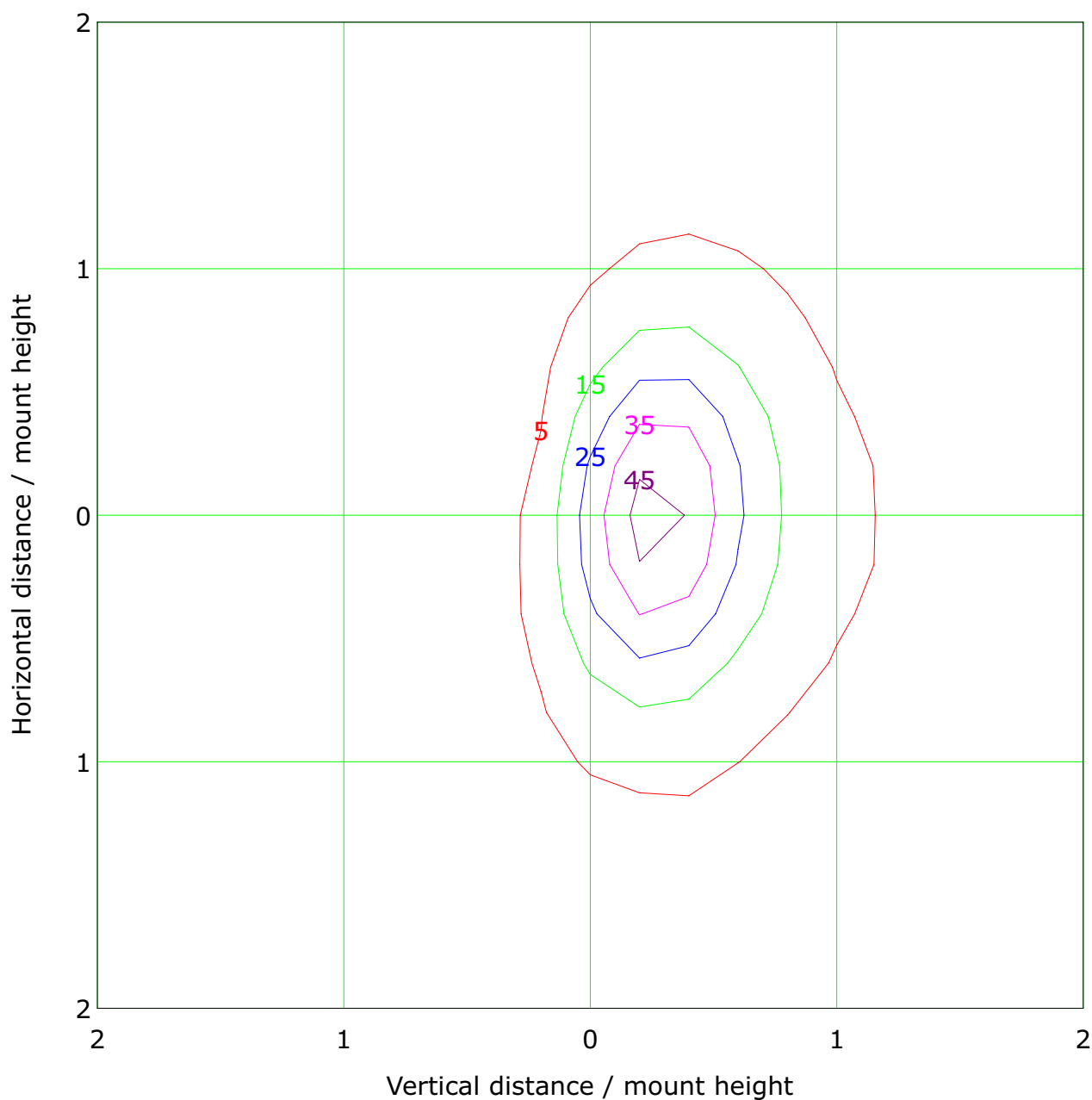


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 Temperature: 25
 Operator: Ming Sheng Feng

Test Device: GPM-1800
 Distance: 10.138 m
 Humidity: 60
 Inspector:



IsoLux Plot



Mounting Height: 3m Max Lux(100%): 50 lx

(10%): 5 lx	(30%): 15 lx
(50%): 25 lx	(70%): 35 lx
(90%): 45 lx	

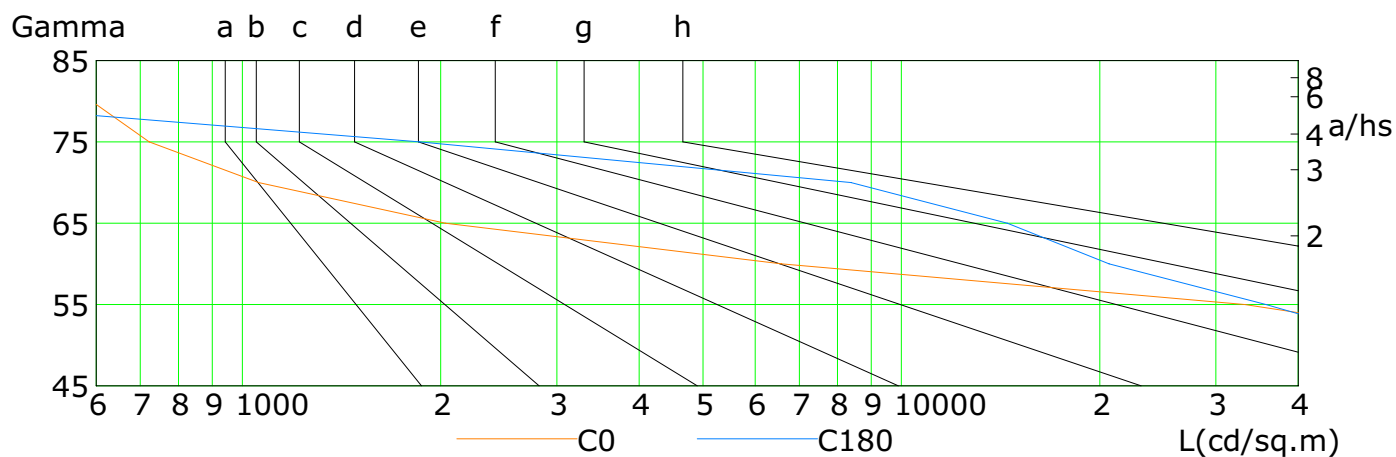
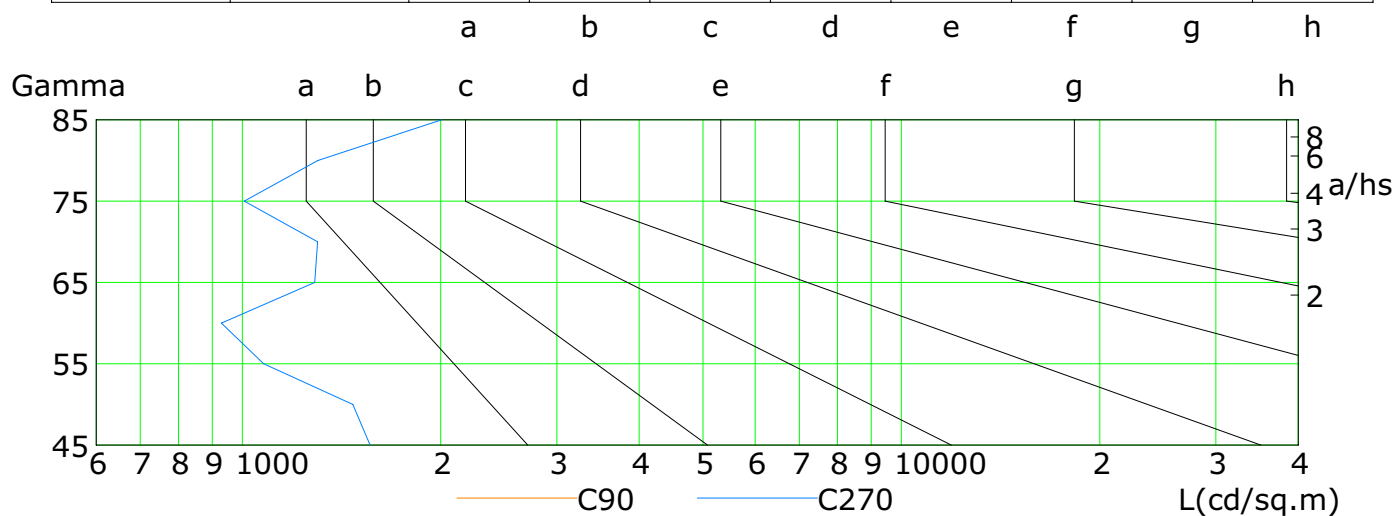
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Lum Limit Curve

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



L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	123027	85336	33183	6578	2032	1058	722	590	337
C90	237483	204455	185808	174786	169107	165362	153614	154571	134951
C180	82585	59103	35740	20658	14473	8382	1858	326	457
C270	1563	1471	1077	929	1287	1300	1007	1302	2006

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Illuminance at a Distance

