



Luminaire Property

Luminaire Category: LED Exterior	Luminaire Description: GOGO PLAFÓN
Luminaire Manufacturer:	Lamp Catalog: LED
Lamp Description:	Number of Lamps: 4
Lumens per Lamp: 236	Luminous Length (mm): 44
Luminous Width (mm): 44	Luminous Height (mm): 20
Voltage: 229.5 V	Current: 0.049 A
Power: 10.10 W	Power Factor: 0.891

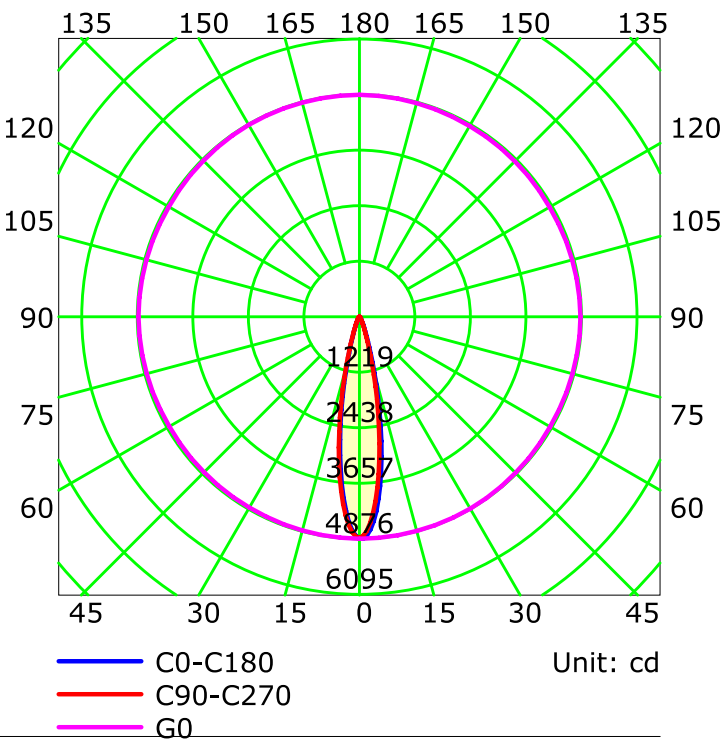
Photometric Results

CIE Class: Direct	Total Rated Lamp Lumens: 944.0 lm
Measurement Flux: 822.1 lm	Efficiency: 87.09%
Downward Ratio: 87.09%	Upward Ratio: 0.00%
Luminaire Efficacy Rating (LER): 81	Central Intensity: 4874.85 cd
Max. Intensity: 4874.86 cd	Pos of Max. Intensity: H0 V0

Picture Of Luminaire



Luminous Intensity Distribution Curve



Test Type: TYPE C
Temperature: 27.4

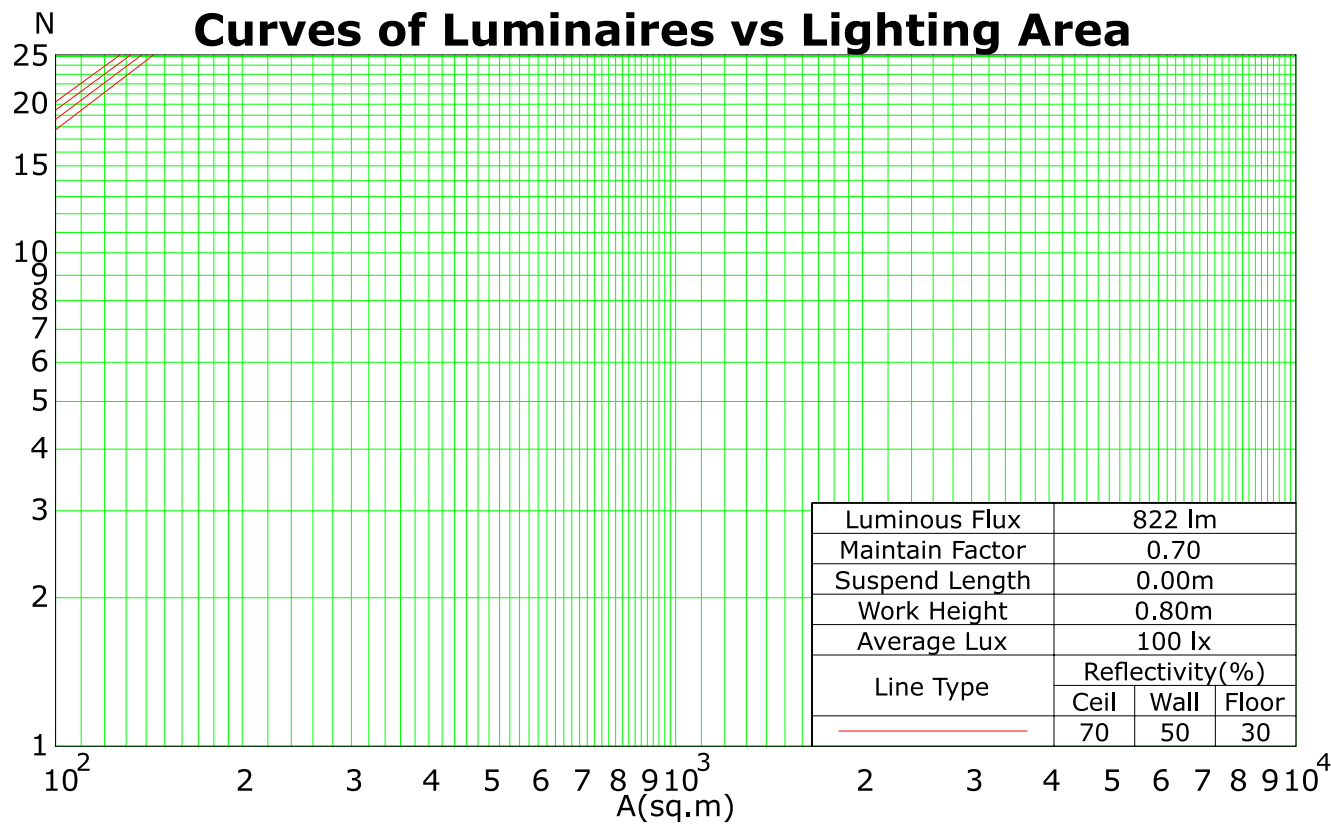
Test Device: GPM-1800
Distance: 10.096 m
Humidity: 71
Inspector:



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	104	104	104	104	101	101	101	101	97	97	97	93	93	93	89	89	89	87
1	100	98	97	95	98	97	95	94	93	92	91	90	89	88	87	86	86	84
2	97	94	91	89	95	93	90	88	90	88	86	87	86	85	85	84	83	82
3	94	90	87	85	93	89	86	84	87	85	83	85	83	81	83	82	80	79
4	91	87	83	81	90	86	83	80	84	82	80	83	80	79	81	79	78	77
5	89	84	80	78	88	83	80	77	82	79	77	80	78	76	79	77	76	75
6	86	81	78	75	85	80	77	75	79	76	74	78	76	74	77	75	73	73
7	84	79	75	73	83	78	75	72	77	74	72	76	74	72	75	73	71	71
8	82	76	73	71	81	76	73	70	75	72	70	74	72	70	74	71	70	69
9	80	74	71	69	79	74	71	69	73	70	68	73	70	68	72	70	68	67
10	78	72	69	67	77	72	69	67	72	69	67	71	68	67	71	68	66	66

Spacing Criteria (0-180): 0.36
Spacing Criteria (90-270): 0.35
Spacing Criteria (Diagonal): 0.36

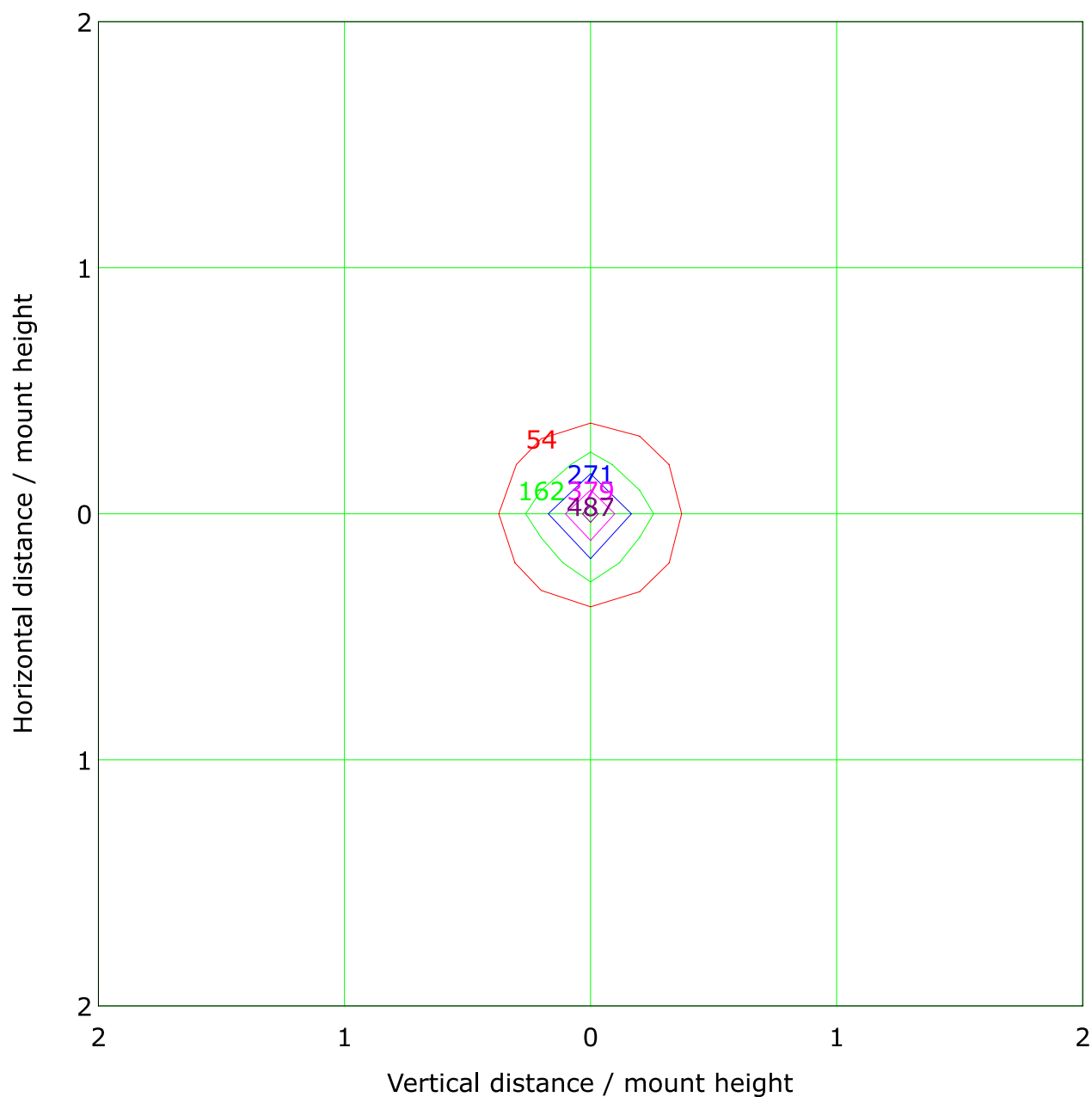


Test Type: TYPE C
Temperature: 27.4

Test Device: GPM-1800
Distance: 10.096 m
Humidity: 71
Inspector:



IsoLux Plot



Mounting Height: 3m		Max Lux(100%): 542 lx	
— (10%):	54 lx	— (30%):	162 lx
— (50%):	271 lx	— (70%):	379 lx
— (90%):	487 lx		

Test Type: TYPE C
Temperature: 27.4

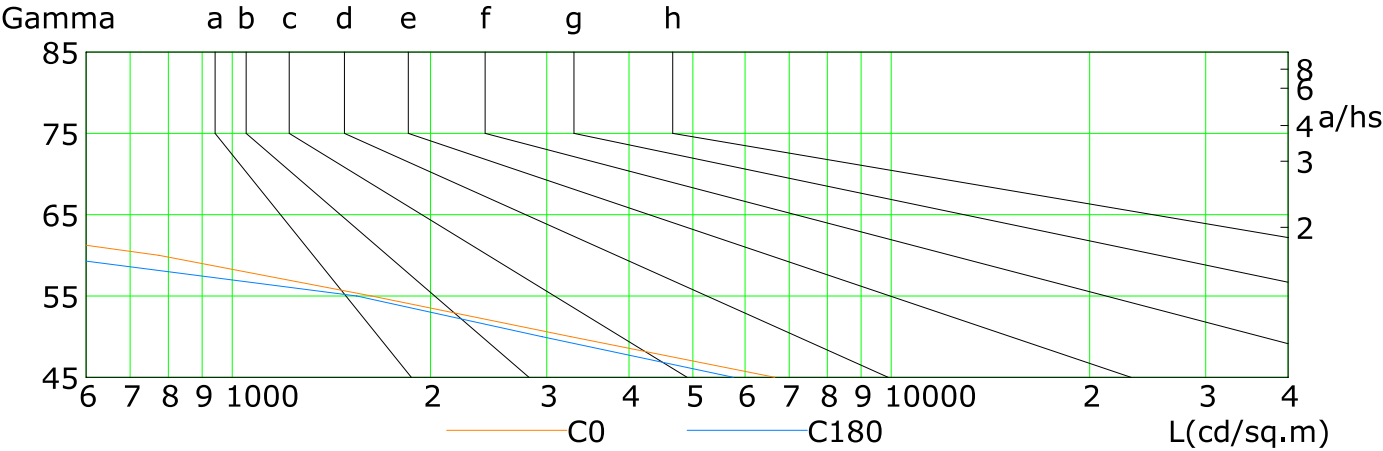
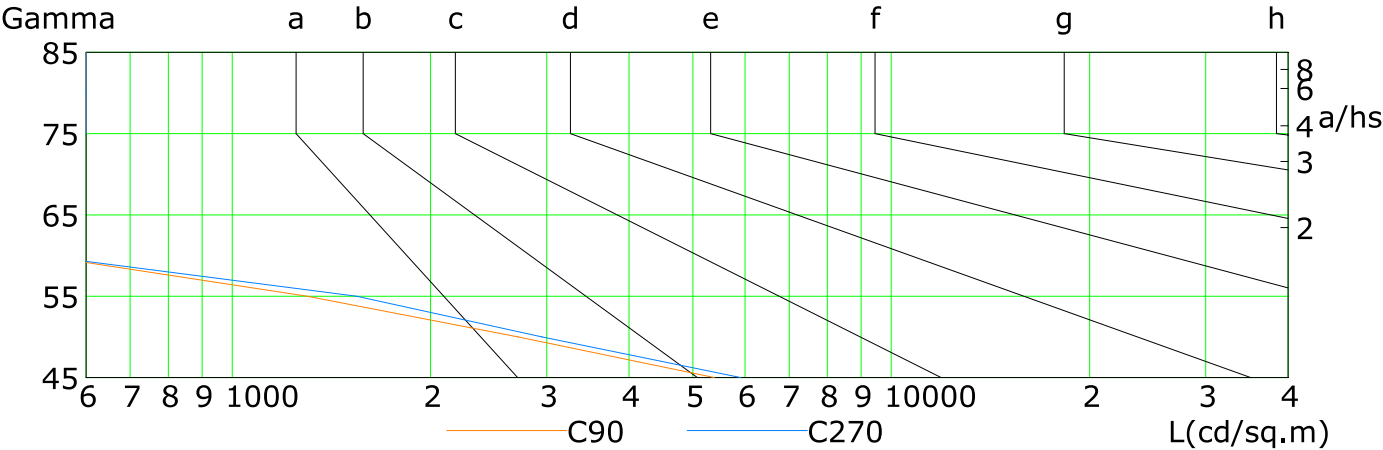
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Inspector:



Lum Limit Curve

Dazzle	Quality	Illuminance (lx)							
		2000	1000	500	<=300				
1.15	A								
1.50	B								
1.85	C								
2.20	D								
2.55	E								

a b c d e f g h



L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	6659	3263	1627	775	279	101	111	125	0
C90	5389	2716	1300	514	93	101	0	0	0
C180	5760	2950	1545	514	186	201	222	249	143
C270	5911	2950	1545	514	279	201	0	0	0

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Temperature: 27.4

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Inspector:



Illuminance at a Distance

