



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: 228.9 V	Current: 0.048 A
Power: 9.90 W	Power Factor: 0.898

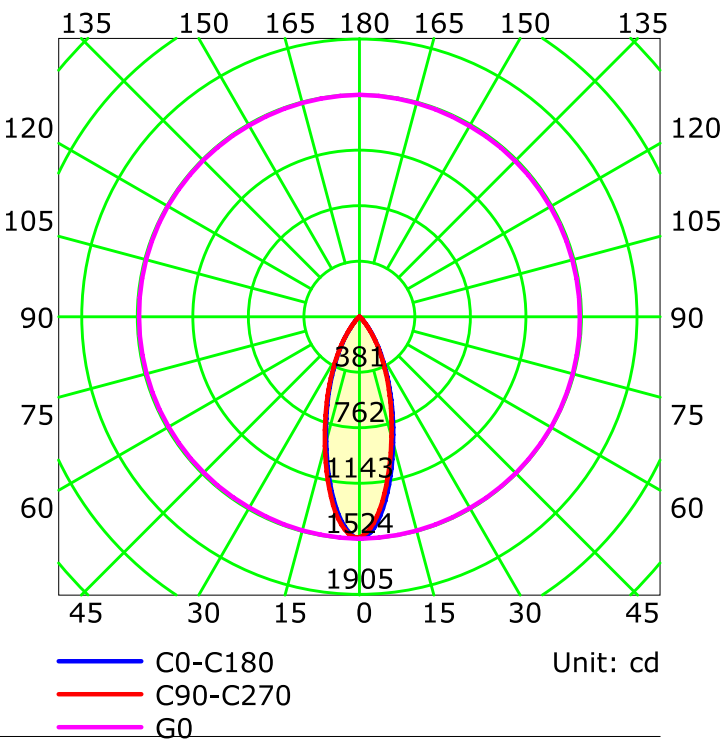
Photometric Results

CIE Class: Direct	Total Rated Lamp Lumens: 944.0 lm
Measurement Flux: 741.7 lm	Efficiency: 78.57%
Downward Ratio: 78.57%	Upward Ratio: 0.00%
Luminaire Efficacy Rating (LER): 75	Central Intensity: 1522.98 cd
Max. Intensity: 1522.98 cd	Pos of Max. Intensity: H0 V0

Picture Of Luminaire



Luminous Intensity Distribution Curve



Test Type: TYPE C
Temperature: 27.4

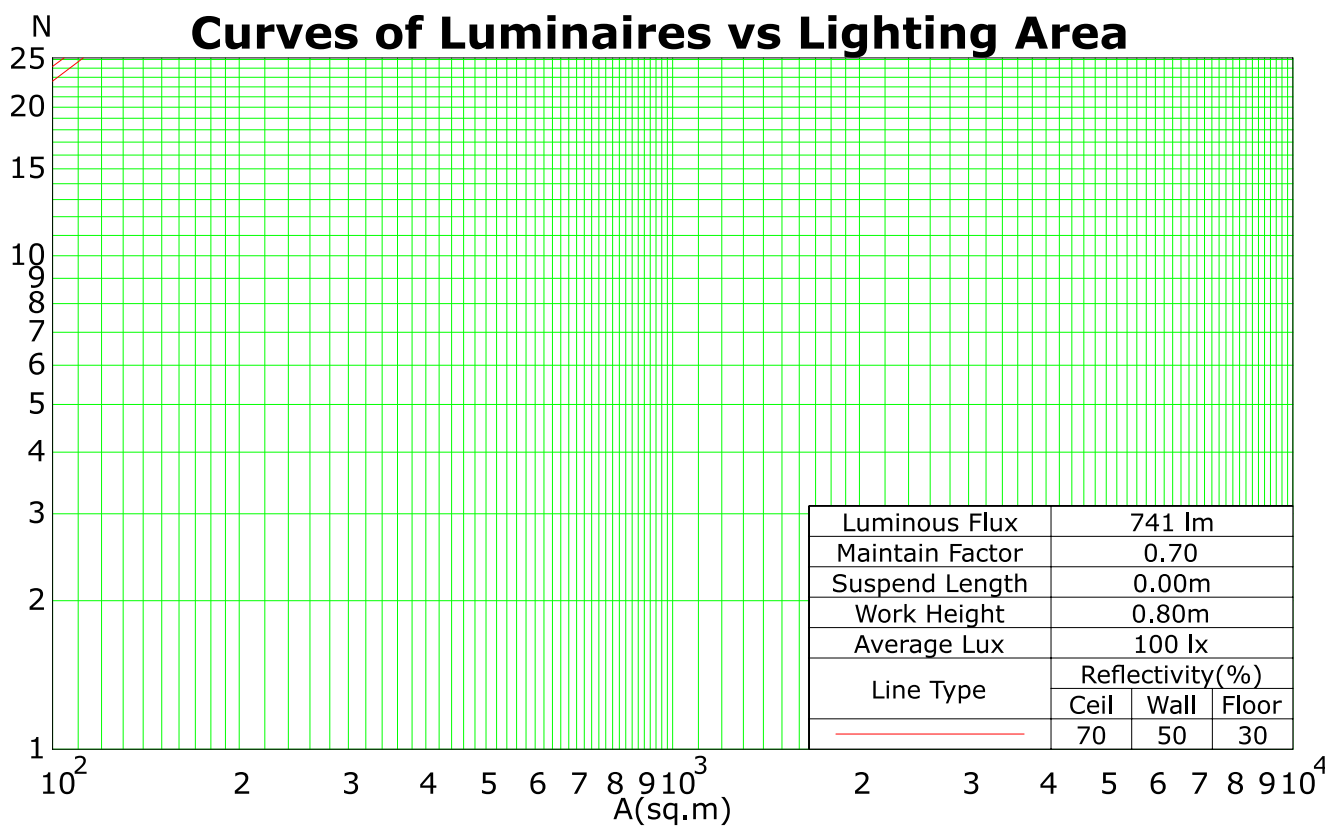
Test Device: GPM-1800
Distance: 10.096 m
Humidity: 71
Inspector:



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	94	94	94	94	91	91	91	91	87	87	87	84	84	84	80	80	80	79
1	90	88	86	84	88	86	84	83	83	81	80	80	79	78	77	76	76	74
2	86	82	79	77	84	81	78	76	78	76	74	76	74	73	74	72	71	70
3	82	77	74	71	80	76	73	70	74	71	69	72	70	68	70	69	67	66
4	78	73	69	66	77	72	68	65	70	67	65	69	66	64	67	65	63	62
5	75	69	64	61	73	68	64	61	67	63	61	65	62	60	64	62	60	58
6	71	65	61	58	70	64	60	57	63	60	57	62	59	57	61	58	56	55
7	68	62	57	54	67	61	57	54	60	57	54	59	56	54	58	56	53	52
8	65	59	54	51	65	58	54	51	57	54	51	57	53	51	56	53	51	50
9	63	56	52	49	62	55	51	49	55	51	49	54	51	48	53	50	48	47
10	60	53	49	46	59	53	49	46	52	49	46	52	48	46	51	48	46	45

Spacing Criteria (0-180): 0.56
Spacing Criteria (90-270): 0.56
Spacing Criteria (Diagonal): 0.63

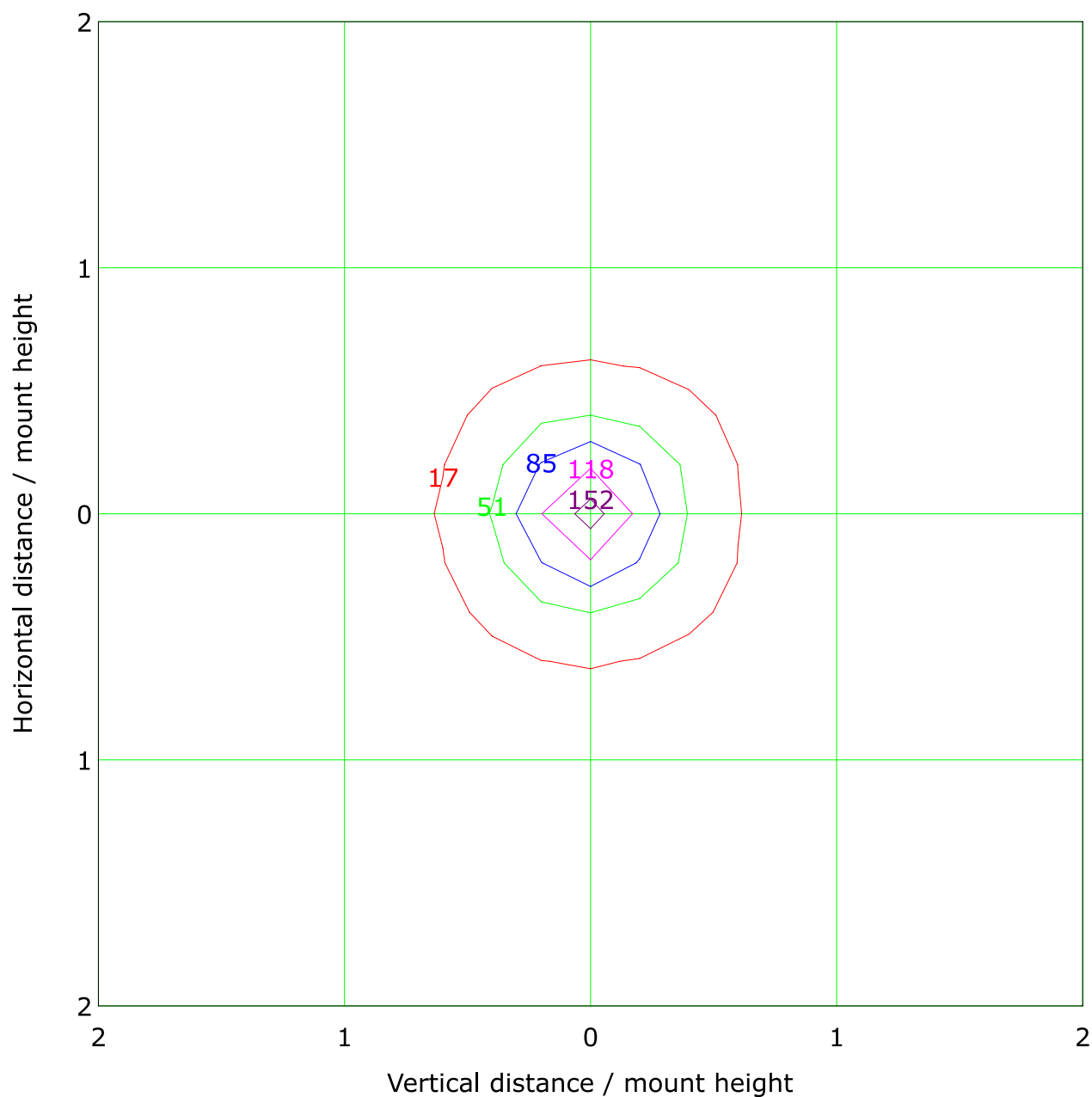


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IsoLux Plot



Mounting Height: 3m Max Lux(100%): 169 lx

(10%):	17 lx	(30%):	51 lx
(50%):	85 lx	(70%):	118 lx
(90%):	152 lx		

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Temperature: 27.4

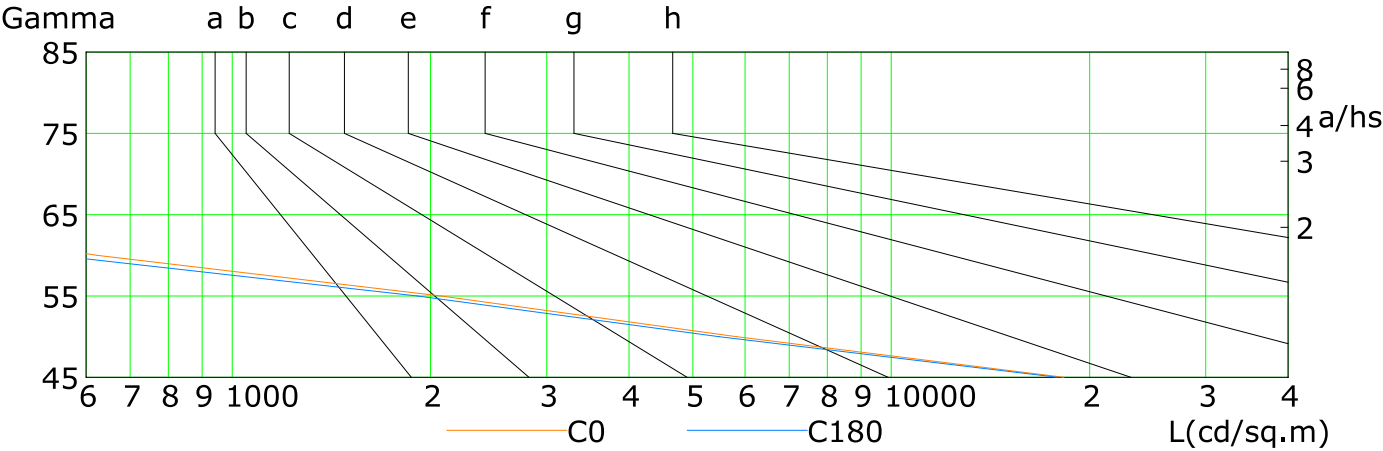
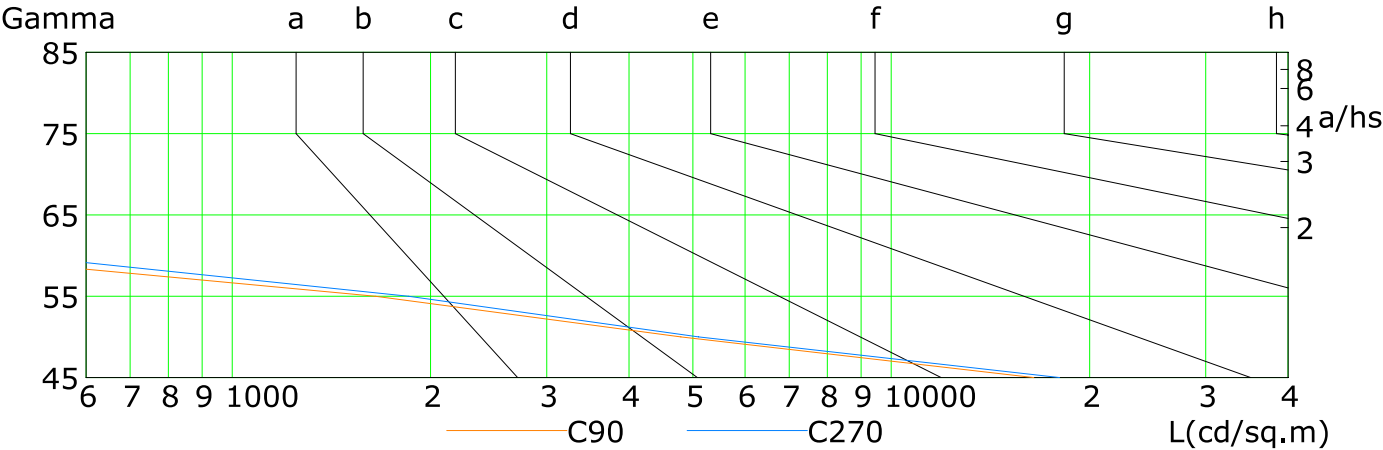
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Lum Limit Curve

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	18290	5822	2075	624	254	228	192	91	0
C90	16457	4795	1649	364	93	175	81	158	67
C180	17899	5473	1911	538	210	201	111	158	143
C270	18009	5103	1851	474	279	248	81	183	0

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Illuminance at a Distance

