



IDEA

/GOGO (17.AA48.0011.09)

Luminaire Property

Luminaire Category: LED Outdoor lamp
Luminaire Manufacturer:
Lamp Description: XPE-2
Lumens per Lamp: 173
Luminous Width (mm): -104
Voltage: 229.8 V
Power: 12.90 W

Luminaire Description: FS-0033S
Lamp Catalog: LED
Number of Lamps: 5
Luminous Length (mm): -104
Luminous Height (mm): 22
Current: 0.059 A
Power Factor: 0.944

Photometric Results

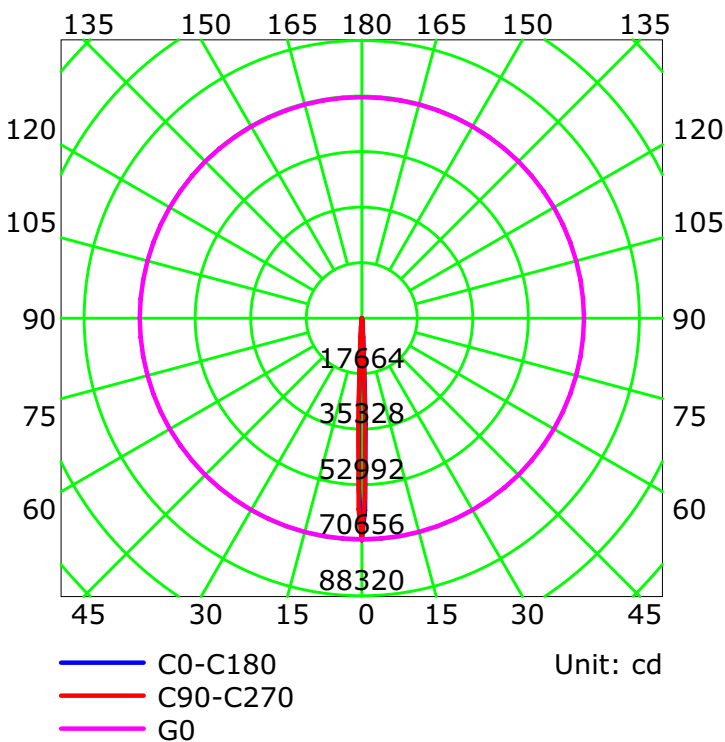
CIE Class: Direct
Measurement Flux: 721.4 lm
Downward Ratio: 83.40%
Luminaire Efficacy Rating (LER): 56
Max. Intensity: 70657.15 cd

Total Rated Lamp Lumens: 865.0 lm
Efficiency: 83.40%
Upward Ratio: 0.00%
Central Intensity: 70313.47 cd
Pos of Max. Intensity: H90 V0

Picture Of Luminaire



Luminous Intensity Distribution Curve



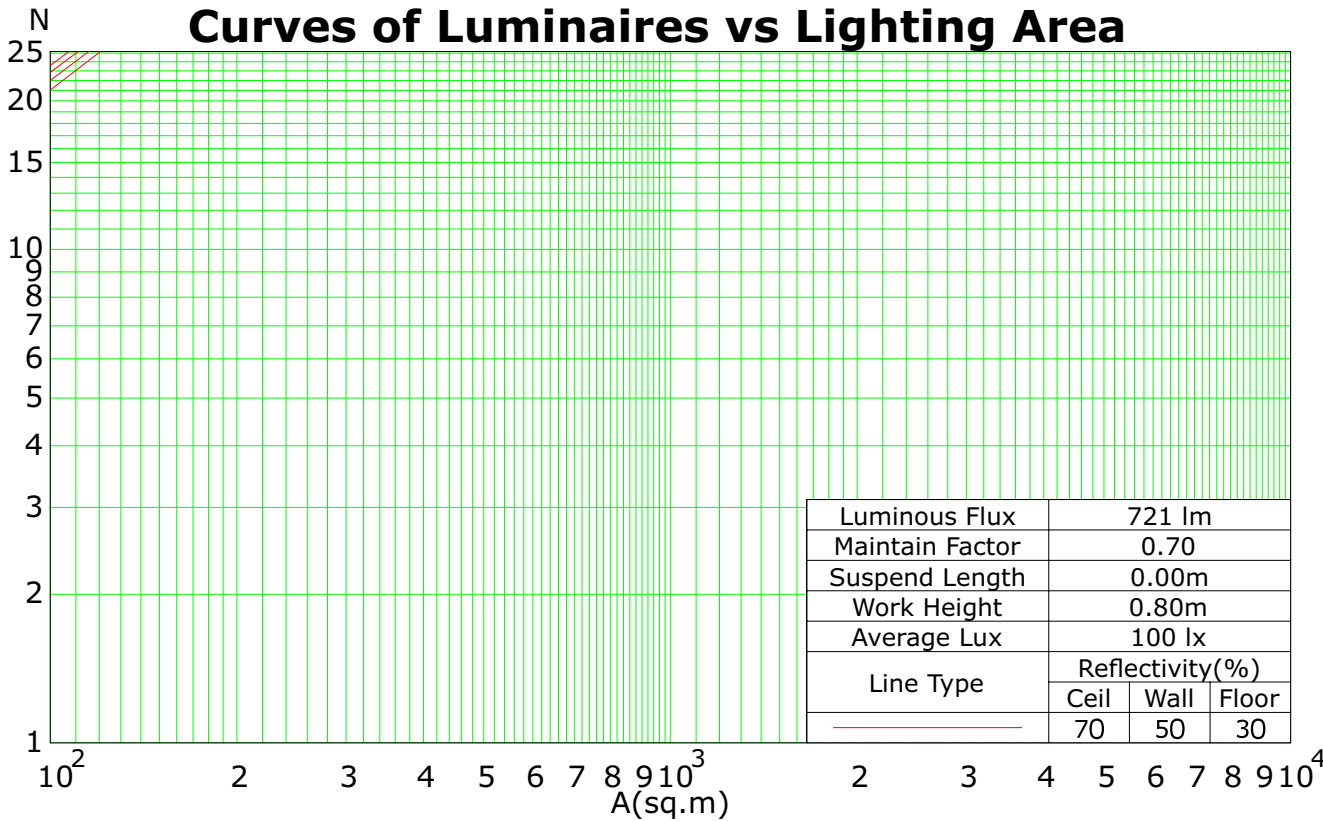
Temperature: 27.4
Test Device: GPM-1800
Distance: 10.096 m
Humidity: 71



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	99	99	99	99	97	97	97	97	93	93	93	89	89	89	85	85	85	83
1	96	95	93	92	94	93	91	90	89	88	87	86	86	85	84	83	82	81
2	93	90	88	86	92	89	87	85	86	85	83	84	83	82	82	81	80	79
3	91	87	84	82	89	86	83	81	84	82	80	82	80	79	80	79	78	77
4	88	84	81	79	87	83	81	78	82	79	78	80	78	77	79	77	76	75
5	86	82	79	76	85	81	78	76	80	77	76	79	77	75	78	76	74	73
6	84	80	77	75	83	79	76	74	78	76	74	77	75	73	76	74	73	72
7	83	78	75	73	82	78	75	73	77	74	72	76	74	72	75	73	72	71
8	81	77	74	72	80	76	73	71	75	73	71	75	73	71	74	72	71	70
9	80	75	72	70	79	75	72	70	74	72	70	74	71	70	73	71	70	69
10	79	74	71	69	78	74	71	69	73	71	69	73	71	69	72	70	69	68

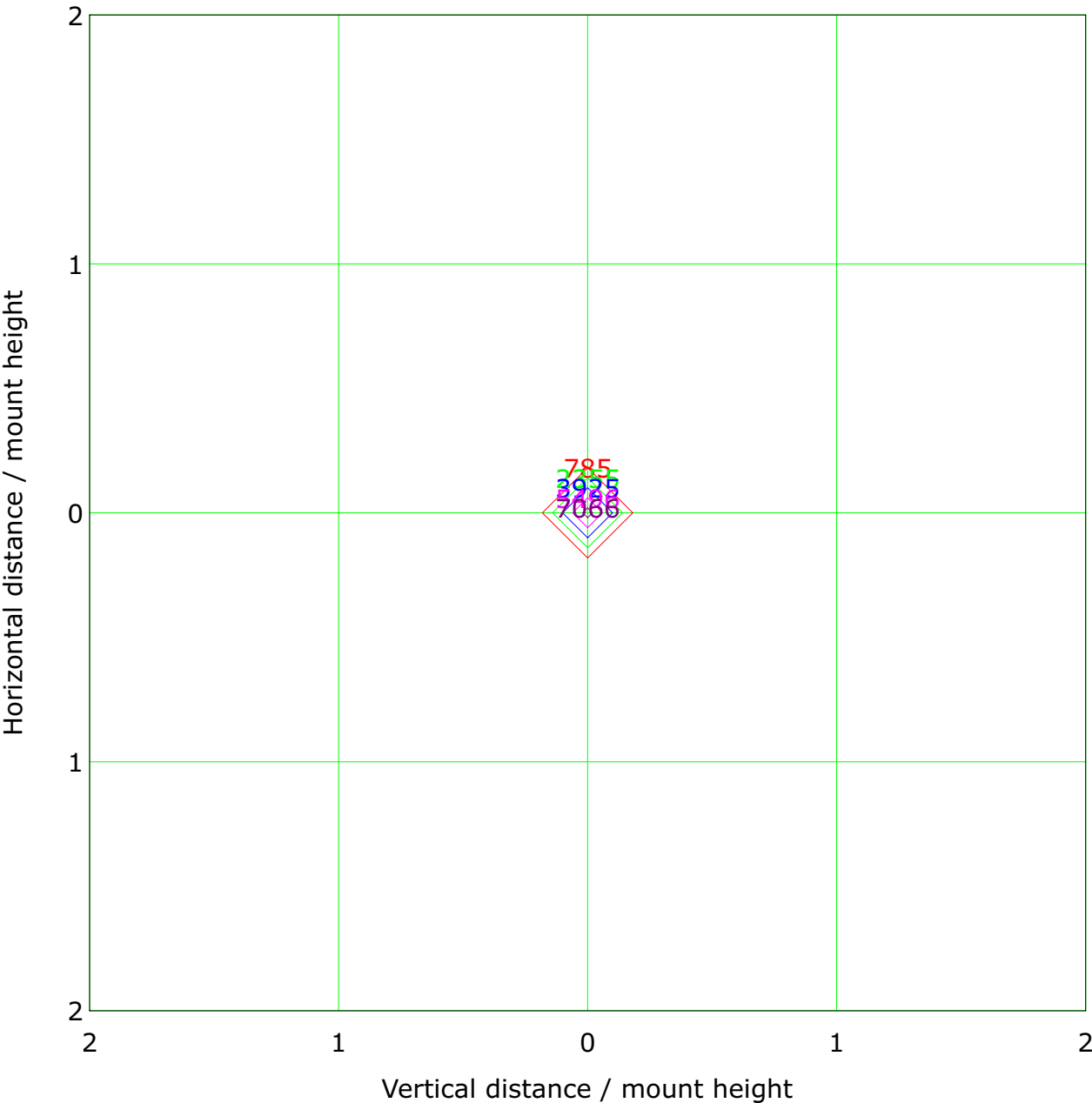
Spacing Criteria (0-180): 0.06
Spacing Criteria (90-270): 0.07
Spacing Criteria (Diagonal): 0.07



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IsoLux Plot



Mounting Height: 3m Max Lux(100%): 7851 lx

(10%): 785 lx	(30%): 2355 lx
(50%): 3925 lx	(70%): 5496 lx
(90%): 7066 lx	

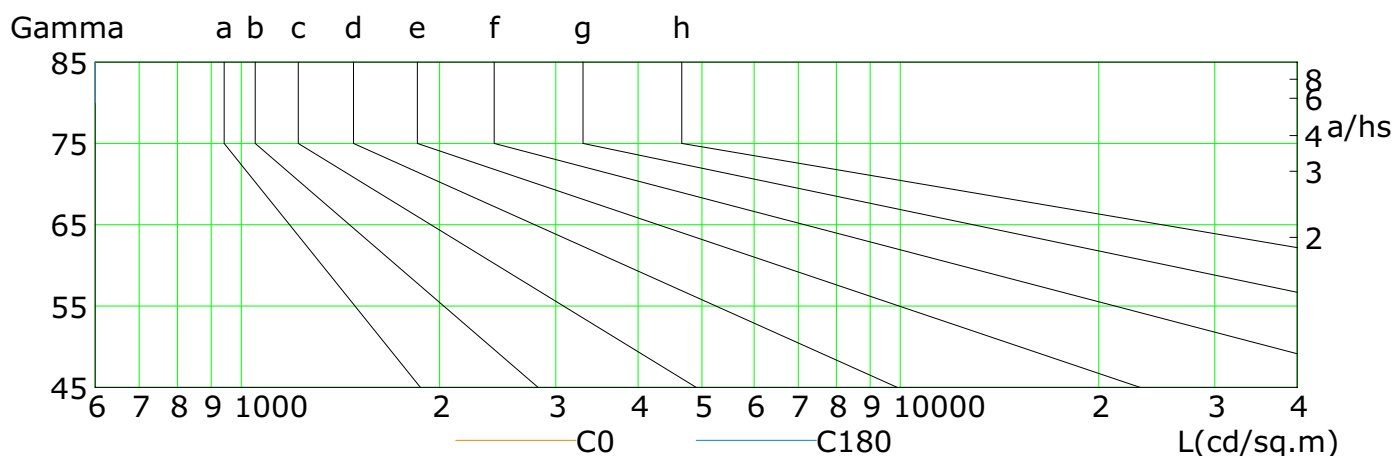
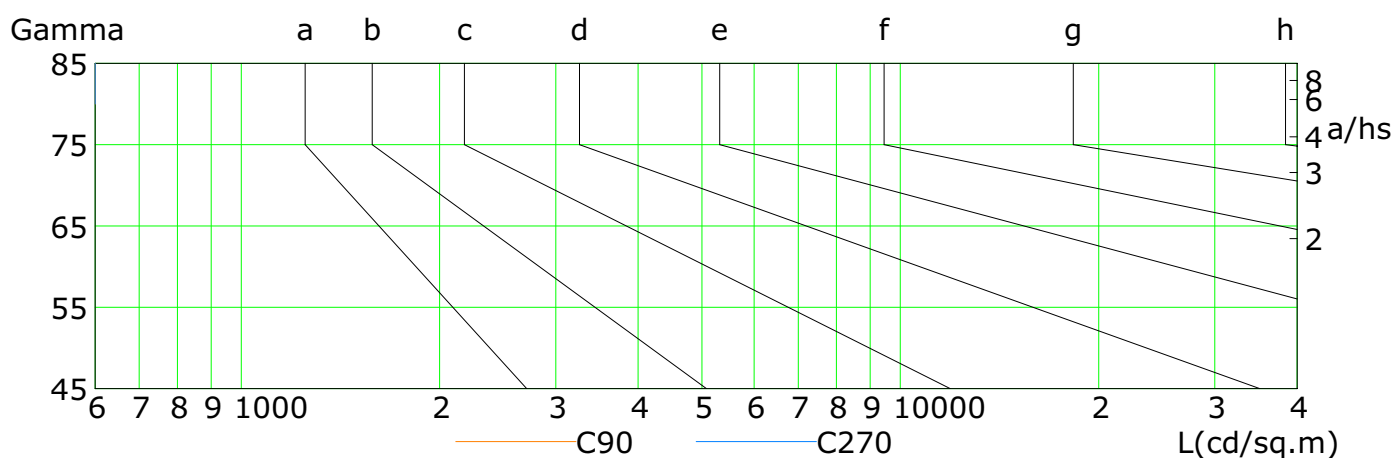
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Lum Limit Curve

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

a b c d e f g h



L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	30	22	18	15	10	6	3	0	0
C90	30	22	18	12	9	6	1	0	0
C180	30	22	18	15	9	4	3	0	0
C270	31	21	16	15	9	6	3	0	0

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Illuminance at a Distance

