



IDEA

/ADU S/MARCO (16.AA66.3010.__)

Luminaire Property

Luminaire Category: LED WALL LIGHT
Luminaire Manufacturer:
Lamp Description: CXB1304
Lumens per Lamp: 750
Luminous Width (mm): -38
Voltage: 19.1 V
Power: 6.70 W

Luminaire Description: ADU S/MARCO
Lamp Catalog: LED
Number of Lamps: 1
Luminous Length (mm): -38
Luminous Height (mm):
Current: 0.350 A
Power Factor: 1.000

Photometric Results

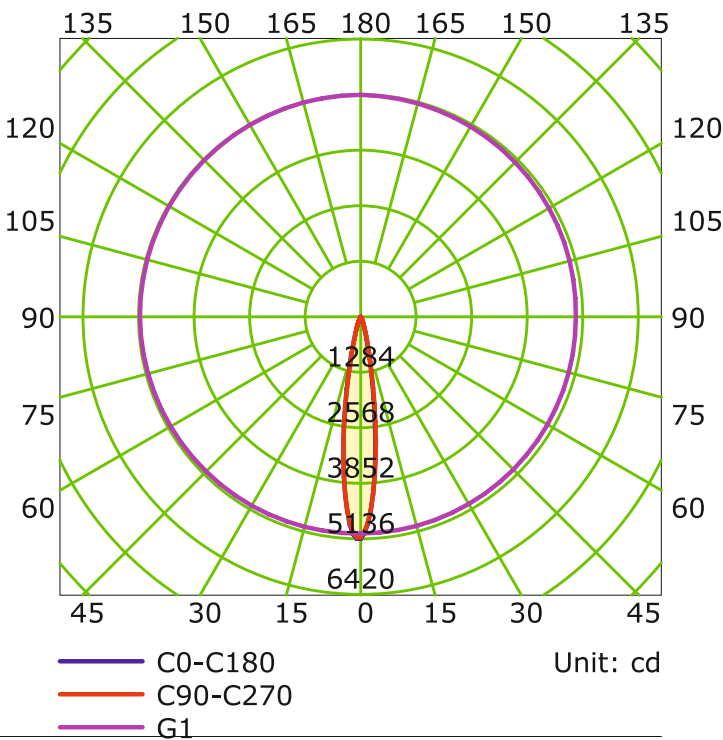
CIE Class: Direct
Measurement Flux: 594.2 lm
Downward Ratio: 79.23%
Luminaire Efficacy Rating (LER): 89
Max. Intensity: 5134.5 cd

Total Rated Lamp Lumens: 750.0 lm
Efficiency: 79.23%
Upward Ratio: 0.00%
Central Intensity: 5133.01 cd
Pos of Max. Intensity: H180 V1

Picture Of Luminaire



Luminous Intensity Distribution Curve



Test Lab: TITANIC
Test Type: TYPE C
Temperature: 24.3

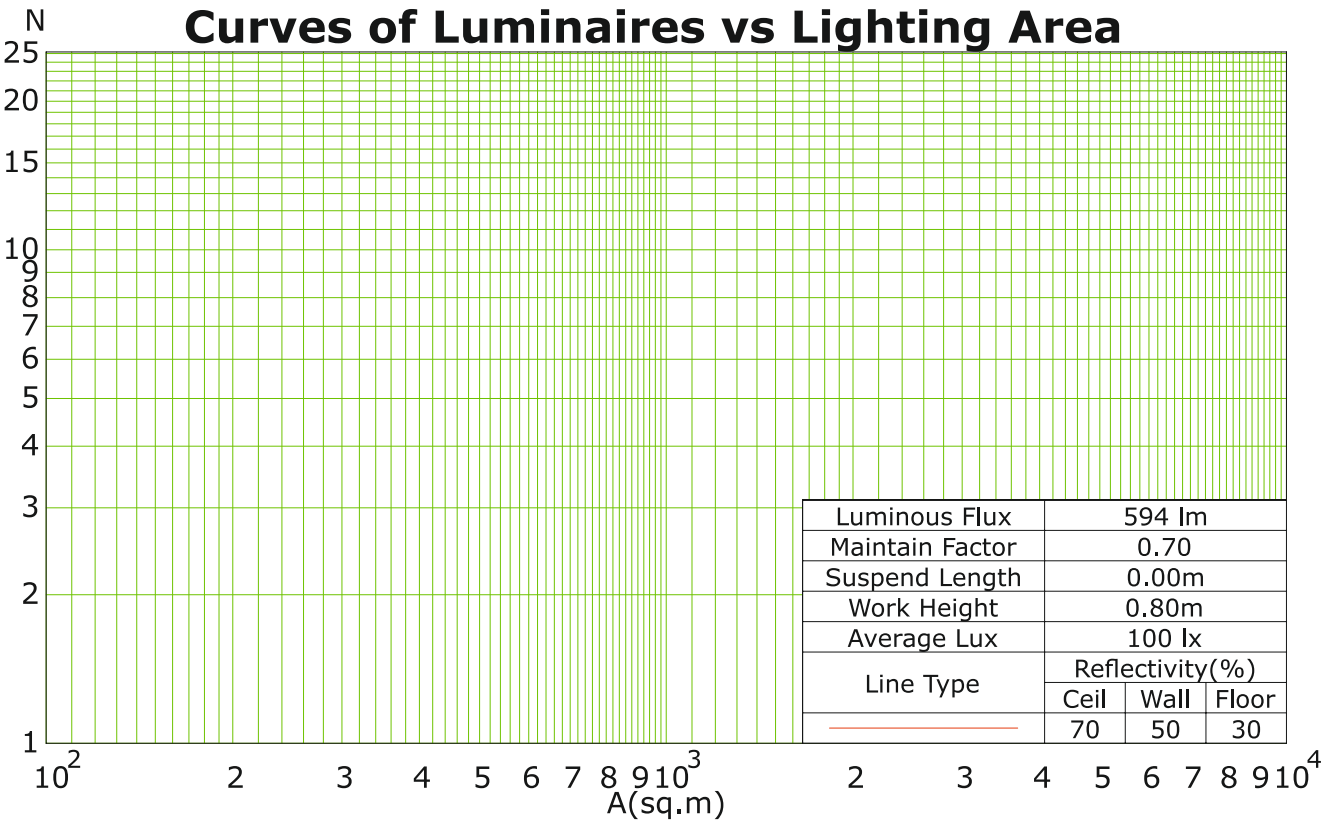
Test Device: GPM-1800
Distance: 10.096 m
Humidity: 58
Inspector:



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	92	92	92	92	88	88	88	84	84	84	81	81	81	79
1	91	90	88	87	89	88	87	86	85	84	83	82	81	81	79	79	78	77
2	89	86	84	82	87	85	82	81	82	80	79	80	79	77	78	77	76	75
3	86	82	80	78	85	81	79	77	80	78	76	78	76	75	76	75	74	73
4	84	80	77	75	82	79	76	74	77	75	73	76	74	72	75	73	72	71
5	81	77	74	72	80	76	74	72	75	73	71	74	72	70	73	71	70	69
6	79	75	72	70	79	74	72	70	73	71	69	72	70	69	72	70	68	67
7	78	73	70	68	77	73	70	68	72	69	67	71	69	67	70	68	67	66
8	76	71	68	66	75	71	68	66	70	68	66	70	67	66	69	67	65	65
9	74	70	67	65	74	69	67	65	69	66	65	68	66	64	68	66	64	63
10	73	68	65	63	72	68	65	63	67	65	63	67	65	63	66	64	63	62

Spacing Criteria (0-180): 0.28
Spacing Criteria (90-270): 0.28
Spacing Criteria (Diagonal): 0.29



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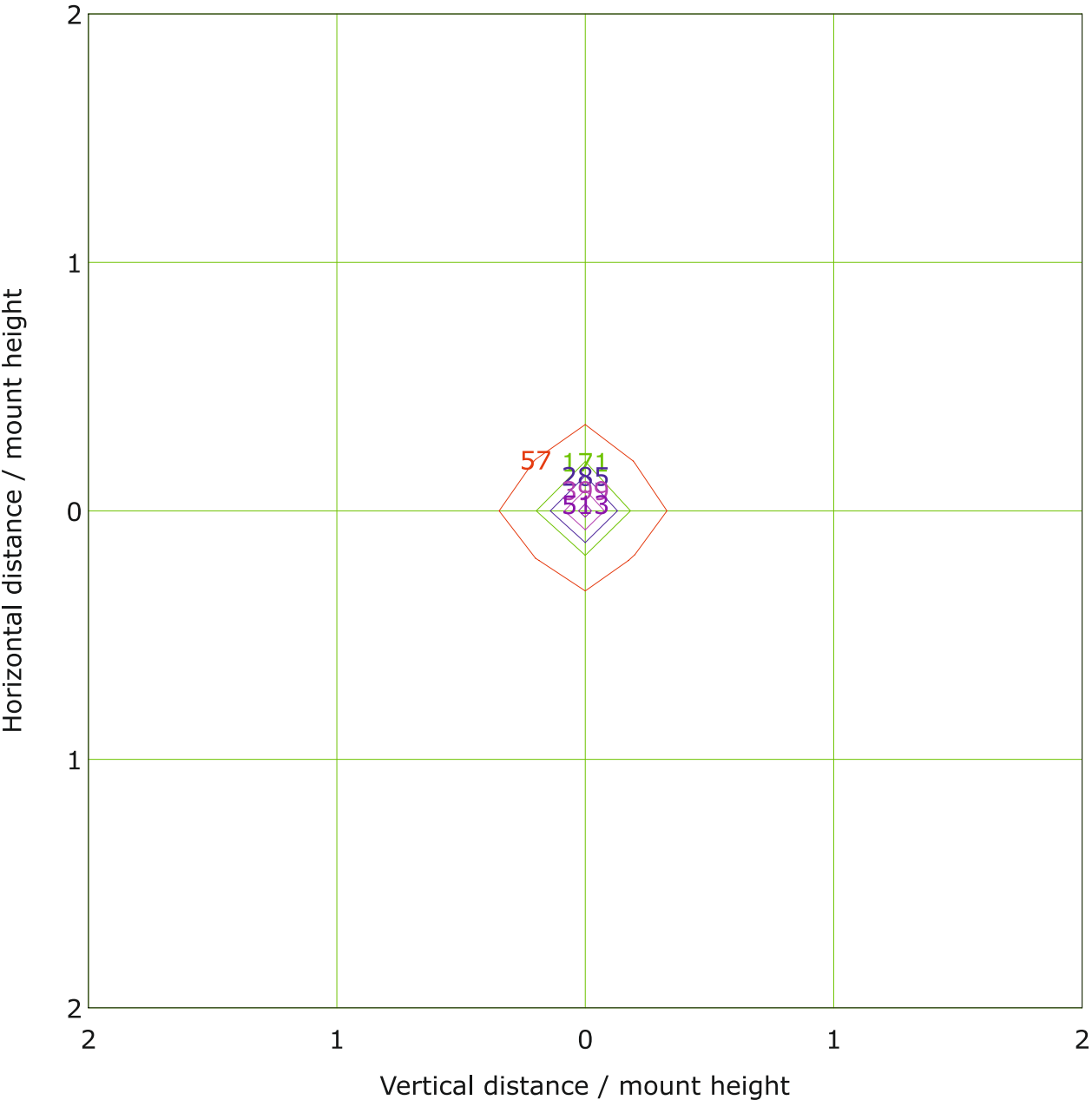
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IsoLux Plot



Mounting Height: 3m		Max Lux(100%): 570 lx	
(10%):	57 lx	(30%):	171 lx
(50%):	285 lx	(70%):	399 lx
(90%):	513 lx		

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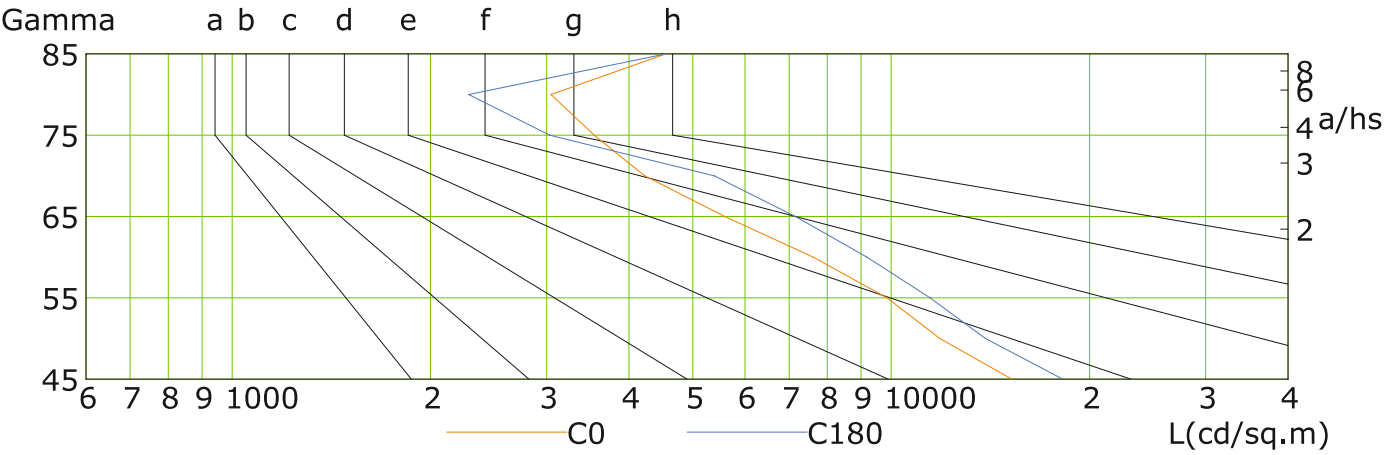
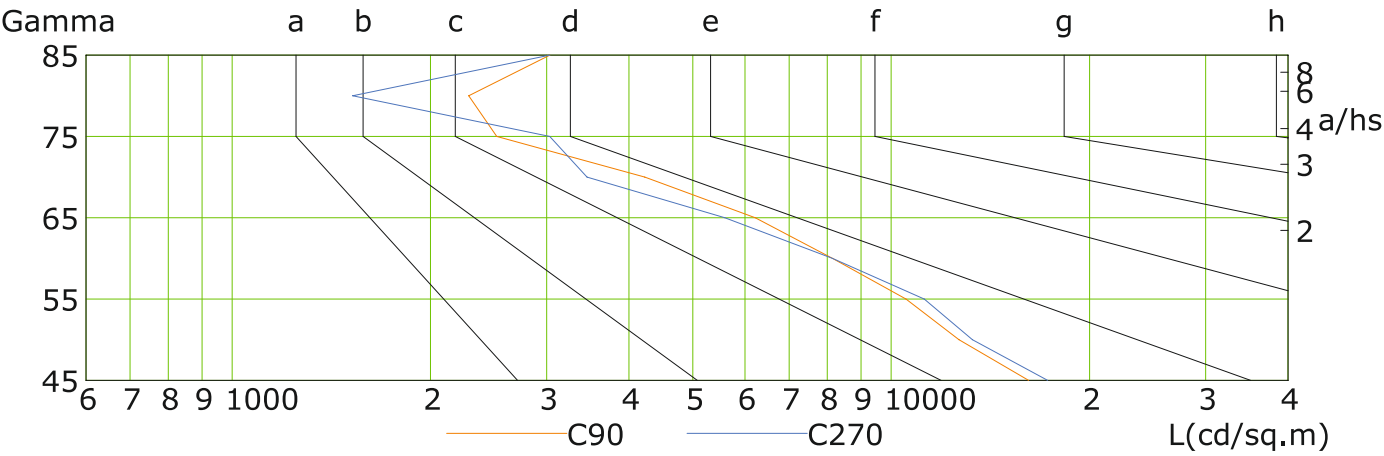


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Lum Limit Curve

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	15238	11852	9854	7618	5592	4228	3543	3047	4553
C90	16161	12675	10530	8147	6217	4228	2521	2285	3035
C180	18206	13896	11453	9188	7156	5388	3032	2285	4553
C270	17271	13279	11222	8147	5592	3455	3032	1523	3035

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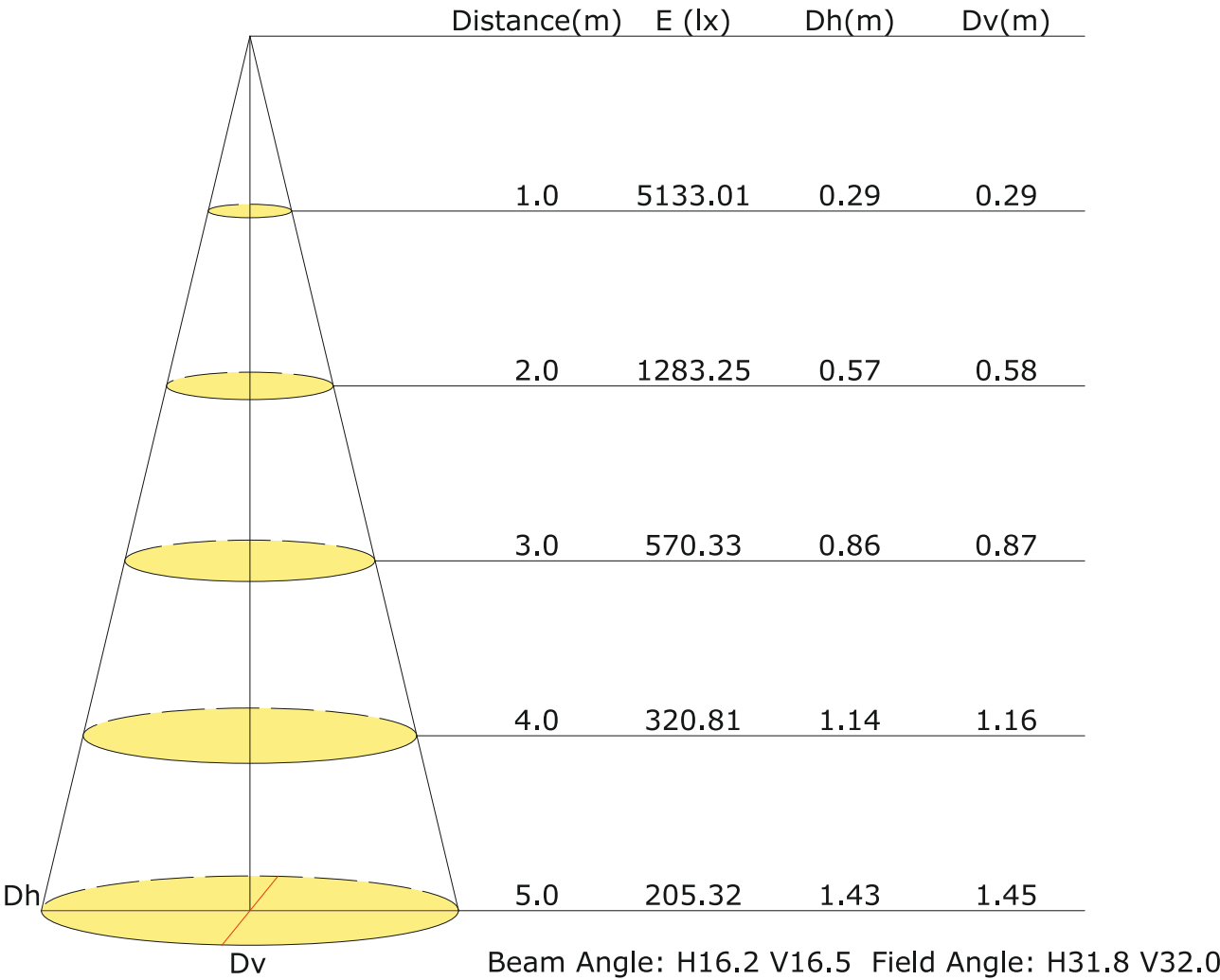
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Illuminance at a Distance



Test Lab: TITANIC
Test Type: TYPE C
Temperature: 24.3

Test Device: GPM-1800
Distance: 10.096 m
Humidity: 58
Inspector: