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LumCAT:

Luminaire: rocket mini track xsm fa

LampCAT: modulo led 8W 27K irc 90

Ballast type:

Report No:

Voltage(V): 127.0000

Test No:

Current(A): 0.1740

Number of Lamps: 1

Power (W): 10.0000

Lamp flux(lm): 480.0

PF: 0.4500

Length(mm): 30

Width(mm): 30

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 220.60, Efficiency(%): 45.96% , Luminous Efficacy(lm/W): 22.06

Central intensity(cd): 523.460, Maximum intensity(cd): 523.460

Angle of maximum intensity: C=0.0 γ =0.0

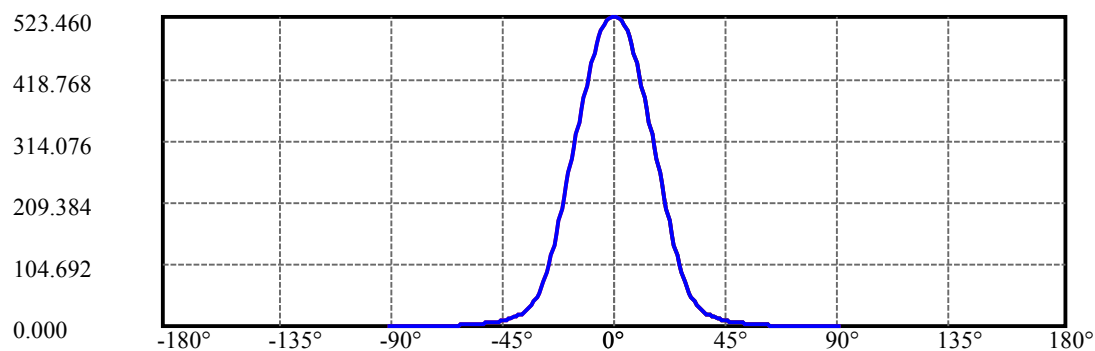
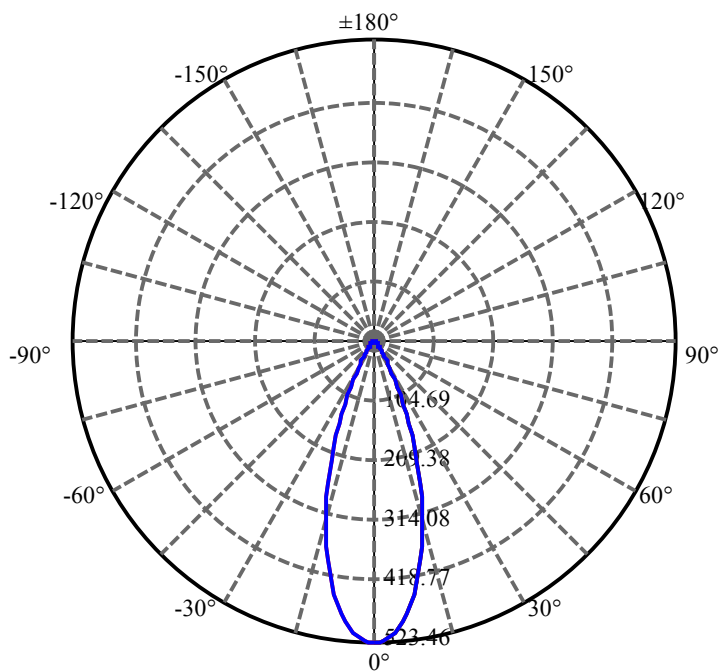
Beam angle of C0 plane : 35.90

Aveage BeamAngle(IEC 61341):35.90

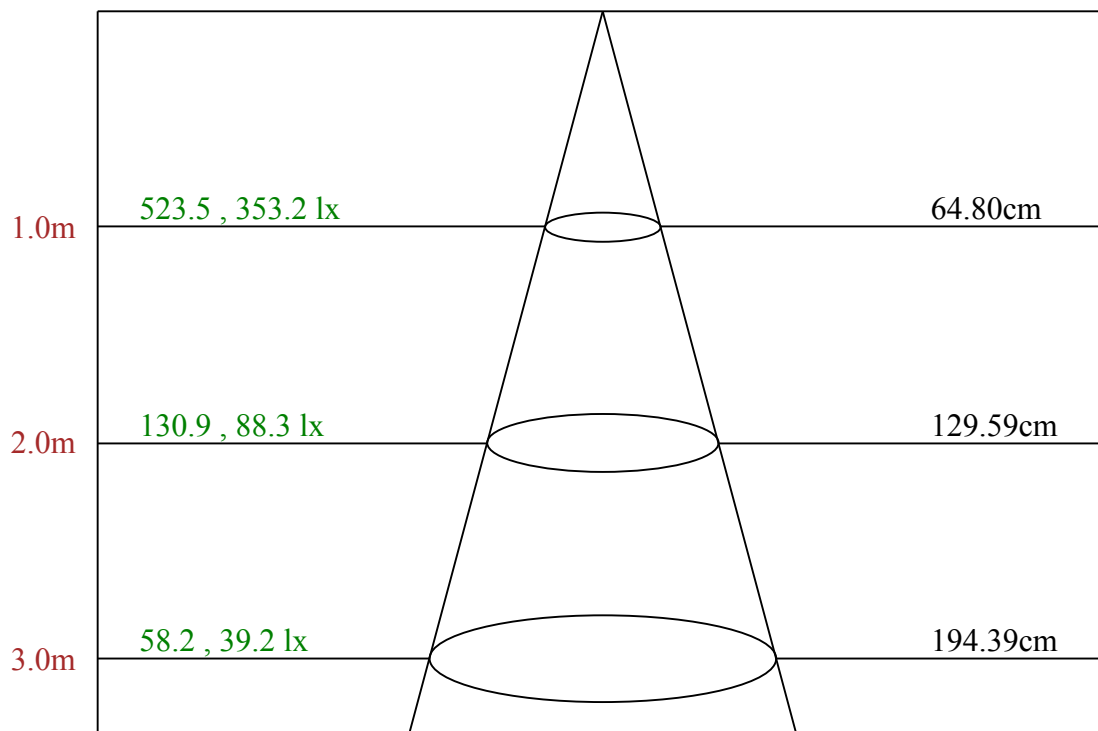
Equipment: equipamento lumini
Temperature(°C): 25.5

Date: 7/30/2024
Humidity(%): 55.0%

Operator: 01
Distance(m): 6.90

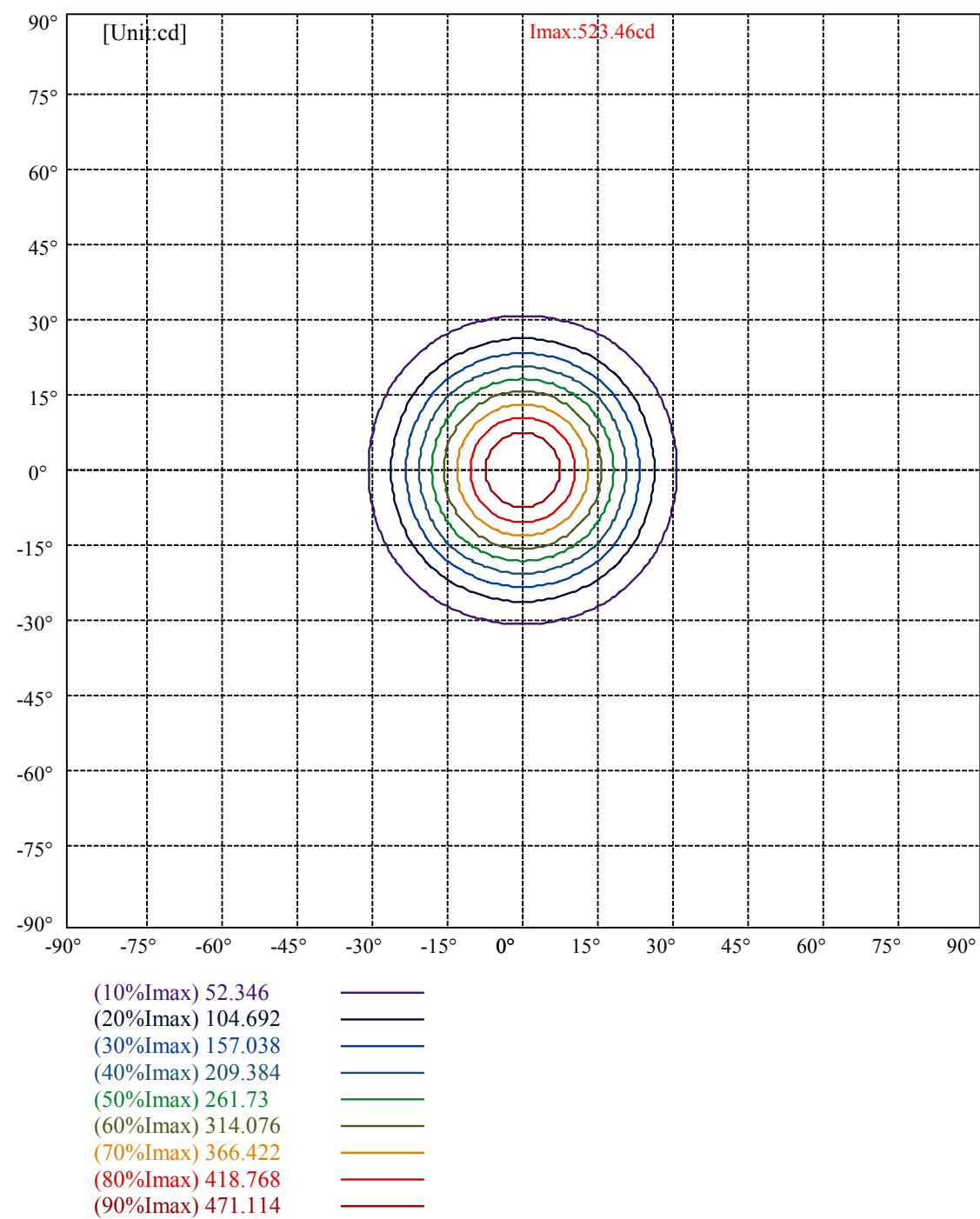


C0(Max):
C0/C180:
C90/C270:



Max , Ave

Beam angle of C0 plane 35.90



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Luminance Limiting Curve(no luminous side)

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Luminance Table

γ	45	50	55	60	65	70	75	80	85
C0	13672	9403	6444	4285	2816	2281	2836	3998	7890
C45	13672	9403	6444	4285	2816	2281	2836	3998	7890
C90	13672	9403	6444	4285	2816	2281	2836	3998	7890

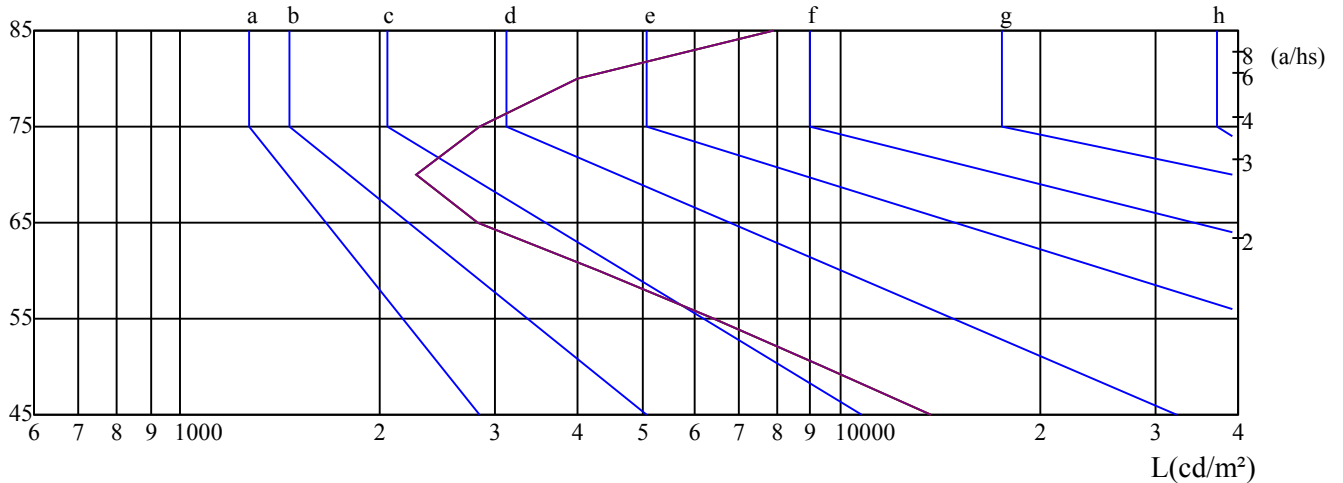
L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
2816	2816	2816	2836	2836	2836	7890	7890	7890

Glare Table

Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	≤ 300				
1.5	B		2000	1000	500	≤ 300			
1.85	C			2000	1000	500	≤ 300		
2.2	D				2000	1000	500	≤ 300	
2.55	E					2000	1000	500	≤ 300
		a	b	c	d	e	f	g	h

Luminance Limiting Curve

$\gamma(^{\circ})$



C0 ———

C45 ———

C90 ———

Equipment: equipamento lumini
Temperature($^{\circ}$ C): 25.5

Date: 7/30/2024
Humidity(%): 55.0%

Operator: 01
Distance(m): 6.90

Illumination assessment according UGR											
Rf of Ceiling	70	70	50	50	30	70	70	50	50	30	
Rf of Wall	50	30	50	30	30	50	30	50	30	30	
Rf of Floor	20	20	20	20	20	20	20	20	20	20	
Room dimensions		Viewed crosswise					Viewed endwise				
X	Y										
2H	2H	14.09	15.05	14.45	15.36	15.68	14.66	15.62	15.02	15.93	16.25
	3H	14.03	14.88	14.41	15.22	15.56	14.59	15.44	14.97	15.77	16.12
	4H	14.05	14.84	14.45	15.19	15.56	14.59	15.37	14.99	15.73	16.10
	6H	14.19	14.91	14.61	15.29	15.69	14.69	15.41	15.11	15.79	16.19
	8H	14.31	15.00	14.73	15.38	15.79	14.78	15.47	15.20	15.86	16.26
	12H	14.53	15.18	14.96	15.58	16.00	14.97	15.62	15.40	16.02	16.44
4H	2H	13.92	14.70	14.32	15.06	15.43	14.46	15.25	14.86	15.61	15.97
	3H	13.88	14.54	14.31	14.94	15.35	14.41	15.06	14.83	15.46	15.88
	4H	14.01	14.58	14.45	15.00	15.45	14.50	15.07	14.94	15.50	15.94
	6H	14.24	14.75	14.72	15.20	15.65	14.68	15.18	15.16	15.64	16.09
	8H	14.50	14.97	14.99	15.43	15.90	14.90	15.37	15.39	15.83	16.30
	12H	14.92	15.35	15.42	15.81	16.33	15.28	15.71	15.77	16.16	16.68
8H	4H	13.94	14.40	14.43	14.86	15.34	14.41	14.88	14.90	15.34	15.81
	6H	14.32	14.70	14.83	15.18	15.70	14.73	15.11	15.23	15.59	16.10
	8H	14.78	15.10	15.32	15.62	16.12	15.14	15.45	15.67	15.98	16.47
	12H	15.44	15.68	15.98	16.20	16.73	15.73	15.98	16.28	16.49	17.02
12H	4H	13.93	14.36	14.42	14.81	15.33	14.40	14.83	14.89	15.28	15.80
	6H	14.42	14.74	14.95	15.26	15.76	14.81	15.13	15.34	15.65	16.15
	8H	14.92	15.17	15.46	15.68	16.21	15.26	15.50	15.80	16.02	16.54
Variation with the observer position at spacings:											
S = 1.0H		3.5/-3.7					3.5/-3.7				
S = 1.5H		5.6/-4.4					5.6/-4.4				
S = 2.0H		7.2/-4.1					7.2/-4.1				
Standard tables:		BK2					BK2				
Uncorrected UGR		-2.8					-2.8				

依据CIE Publ. 117 计算 UGR, S/H = 0.25