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LumCAT:

Luminaire: rocket sm ext cnp fm

LampCAT: modulo led tr 9W 27K irc 90

Ballast type:

Report No:

Voltage(V): 127.0000

Test No:

Current(A): 0.0680

Number of Lamps: 1

Power (W): 8.6300

Lamp flux(lm): 329.0

PF: 0.4300

Length(mm): 60

Width(mm): 60

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 199.90, Efficiency(%): 60.76% , Luminous Efficacy(lm/W): 23.16

Central intensity(cd): 908.970, Maximum intensity(cd): 908.970

Angle of maximum intensity: $C=0.0$ $\gamma=0.0$

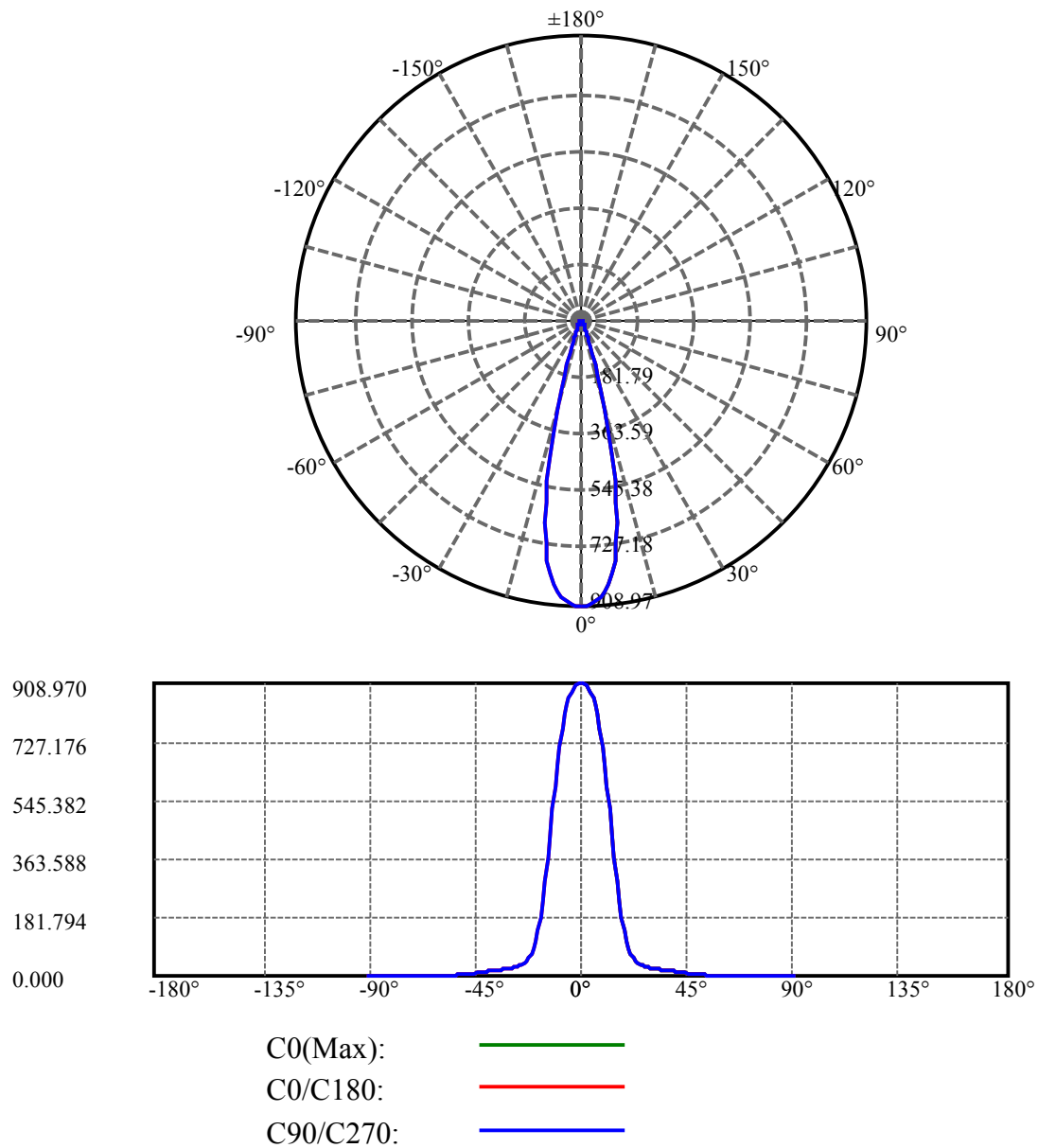
Beam angle of C0 plane : 25.67

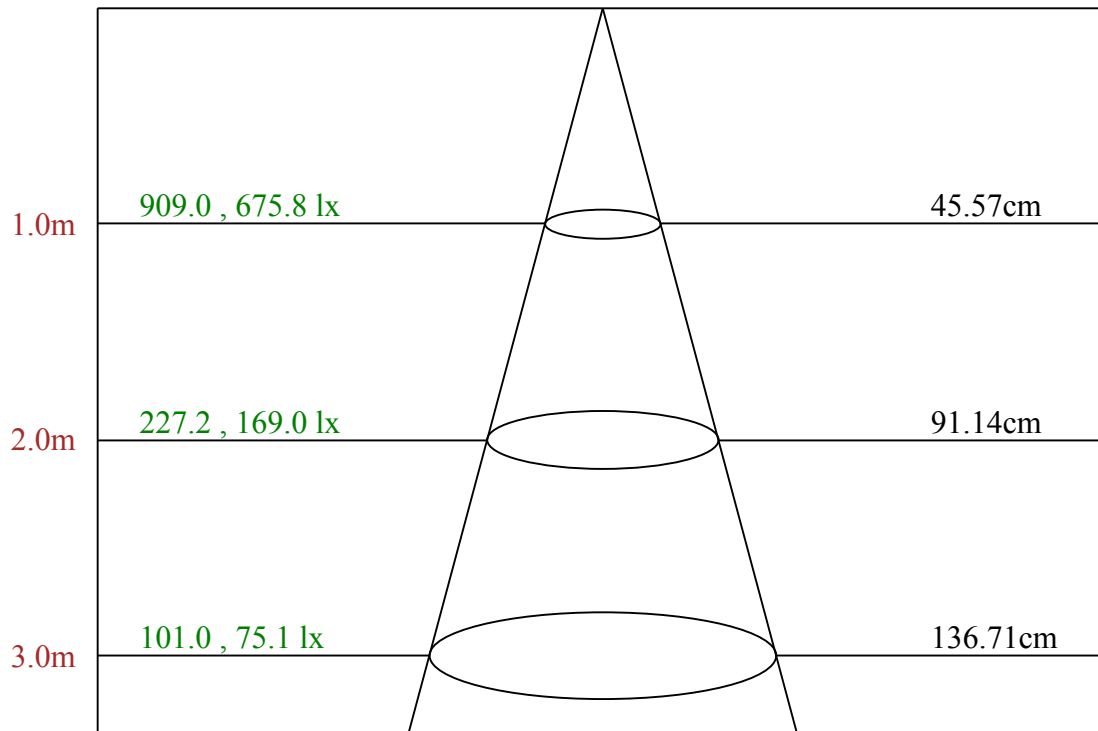
Aveage BeamAngle(IEC 61341):25.67

Equipment:
Temperature(°C): 25.5

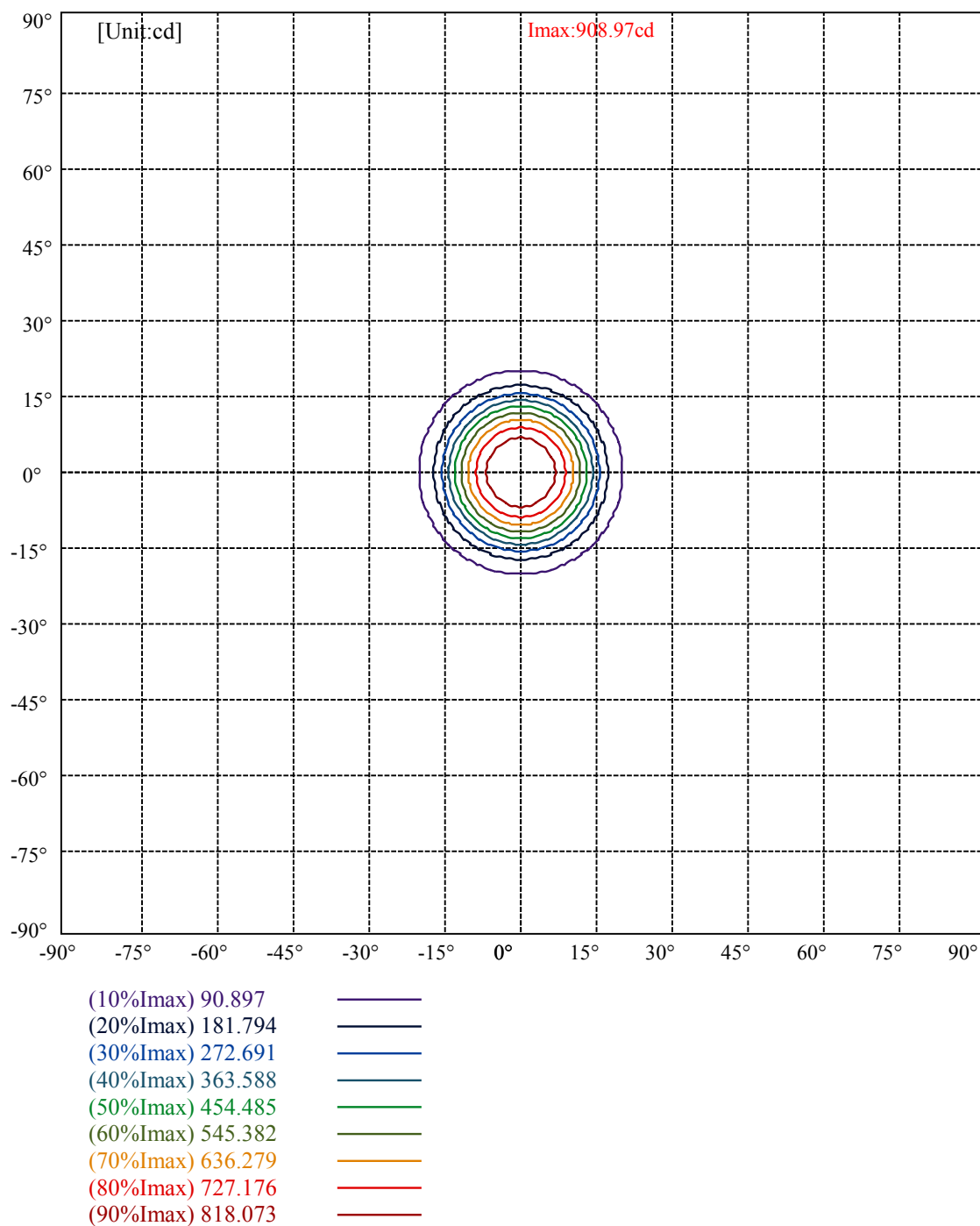
Date: 8/30/2024
Humidity(%): 55.0%

Operator:
Distance(m): 1.00





Max , Ave Beam angle of C0 plane 25.67



Luminance Table

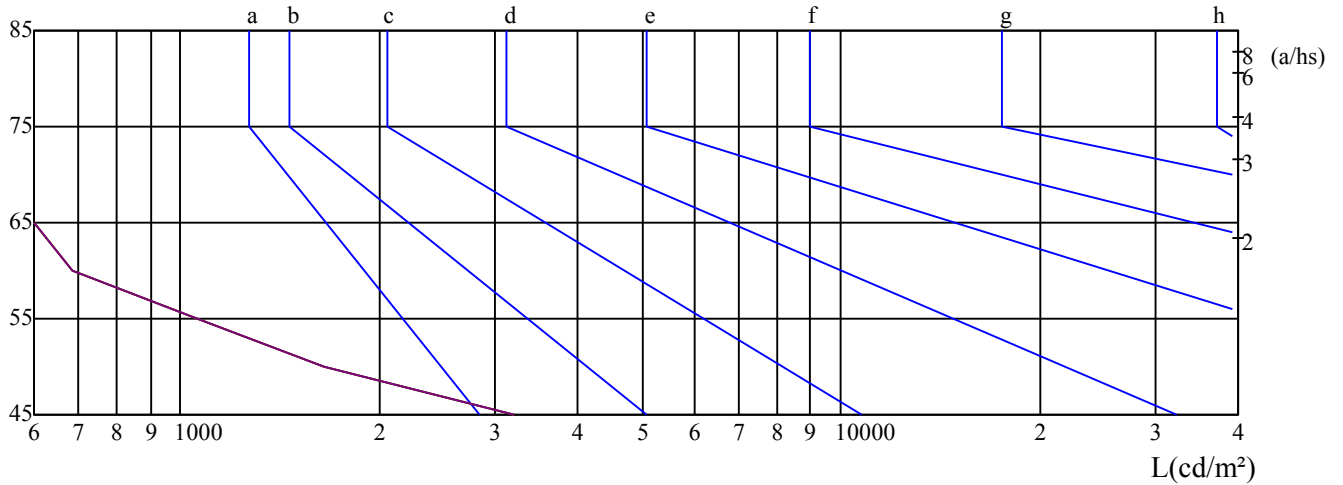
γ	45	50	55	60	65	70	75	80	85
C0	3198	1646	1061	688	563	580	716	990	1973
C45	3198	1646	1061	688	563	580	716	990	1973
C90	3198	1646	1061	688	563	580	716	990	1973

L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
563	563	563	716	716	716	1973	1973	1973

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 ———

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	8.03	8.98	8.39	9.29	9.61	8.03	8.98	8.39	9.29	9.61
	3H	8.05	8.89	8.43	9.23	9.58	8.05	8.89	8.43	9.23	9.58
	4H	8.15	8.93	8.55	9.29	9.65	8.15	8.93	8.55	9.29	9.65
	6H	8.40	9.11	8.82	9.49	9.89	8.40	9.11	8.82	9.49	9.89
	8H	8.60	9.29	9.03	9.67	10.08	8.60	9.29	9.03	9.67	10.08
	12H	8.95	9.59	9.38	9.99	10.41	8.95	9.59	9.38	9.99	10.41
4H	2H	7.83	8.62	8.24	8.97	9.34	7.83	8.62	8.24	8.97	9.34
	3H	7.92	8.57	8.35	8.97	9.39	7.92	8.57	8.35	8.97	9.39
	4H	8.17	8.74	8.61	9.16	9.61	8.17	8.74	8.61	9.16	9.61
	6H	8.57	9.07	9.04	9.52	9.97	8.57	9.07	9.04	9.52	9.97
	8H	8.95	9.41	9.44	9.87	10.35	8.95	9.41	9.44	9.87	10.35
	12H	9.53	9.96	10.02	10.41	10.93	9.53	9.96	10.02	10.41	10.93
8H	4H	8.17	8.63	8.65	9.09	9.56	8.17	8.63	8.65	9.09	9.56
	6H	8.77	9.15	9.28	9.63	10.14	8.77	9.15	9.28	9.63	10.14
	8H	9.39	9.70	9.92	10.23	10.72	9.39	9.70	9.92	10.23	10.72
	12H	10.24	10.48	10.78	11.00	11.52	10.24	10.48	10.78	11.00	11.52
12H	4H	8.18	8.60	8.67	9.06	9.58	8.18	8.60	8.67	9.06	9.58
	6H	8.90	9.22	9.44	9.74	10.24	8.90	9.22	9.44	9.74	10.24
	8H	9.58	9.83	10.13	10.34	10.87	9.58	9.83	10.13	10.34	10.87
Variation with the observer position at spacings:											
S = 1.0H		1.9/-3.7					1.9/-3.7				
S = 1.5H		3.4/-3.6					3.4/-3.6				
S = 2.0H		4.7/-2.9					4.7/-2.9				
Standard tables:		BK3					BK3				
Uncorrected UGR		-8.6					-8.6				

依据CIE Publ. 117 计算 UGR, S/H = 0.25