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LumCAT:

Luminaire: split e

LampCAT: 2 x led line 5Wm 30K irc 90 12V

Ballast type: led line driver 12Vdc

Report No:

Voltage(V): 127.0000

Test No:

Current(A): 0.1400

Number of Lamps: 1

Power (W): 7.1000

Lamp flux(lm): 520.0

PF: 0.3900

Length(mm): 500

Width(mm): 40

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 124.18, Efficiency(%): 23.88% , Luminous Efficacy(lm/W): 17.49

Central intensity(cd): 39.326, Maximum intensity(cd): 39.326

Angle of maximum intensity: C=0.0 γ =0.0

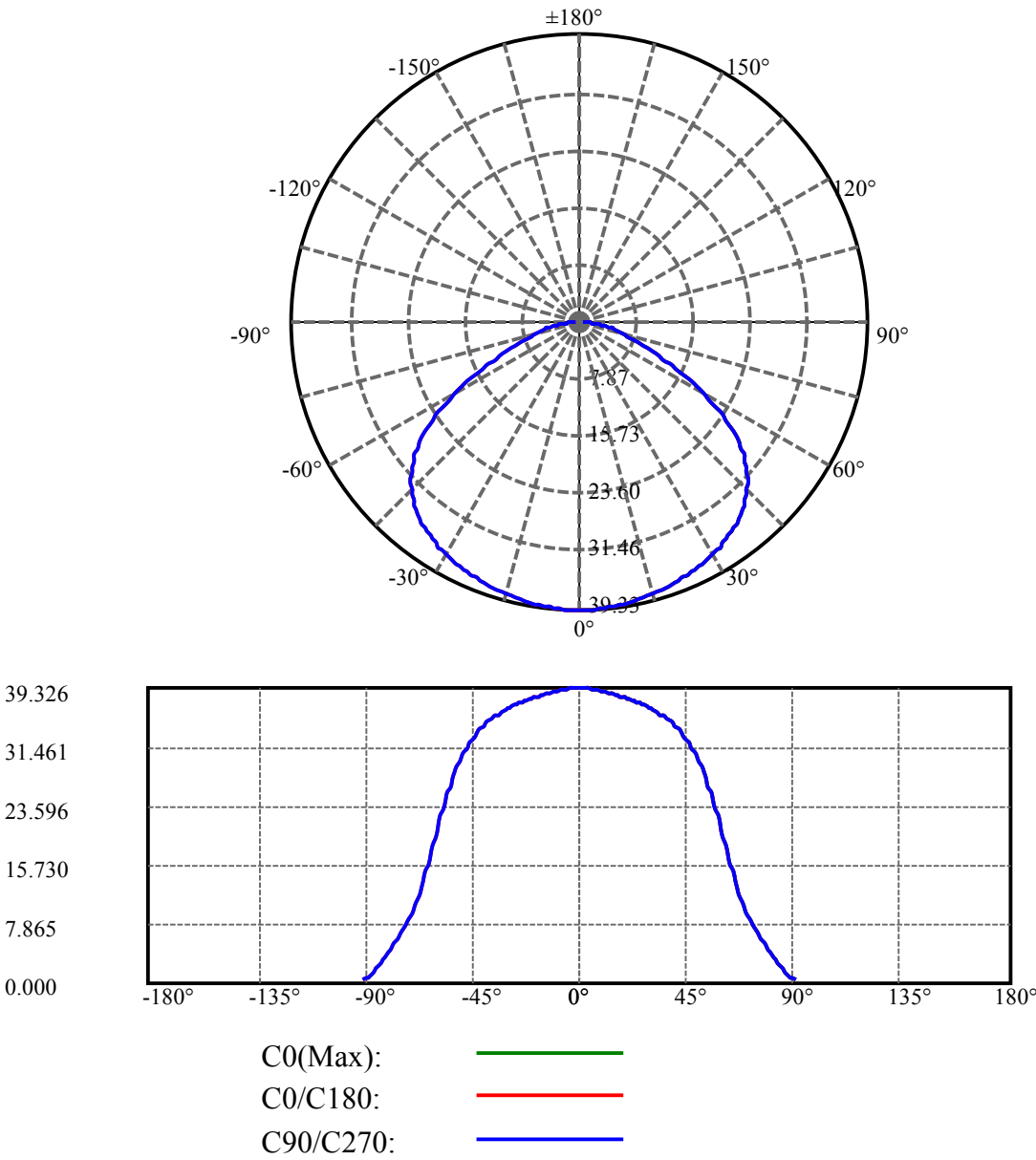
Beam angle of C0 plane : 119.87

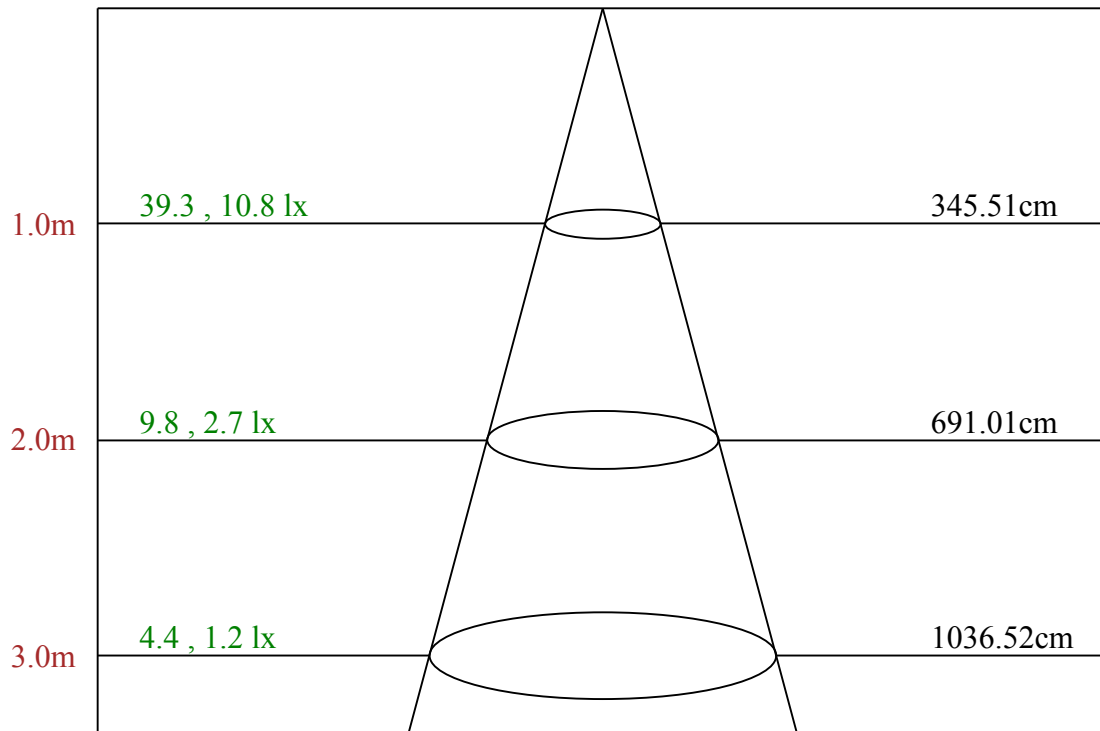
Aveage BeamAngle(IEC 61341):119.87

Equipment: equipamento lumini
Temperature(°C): 25.5

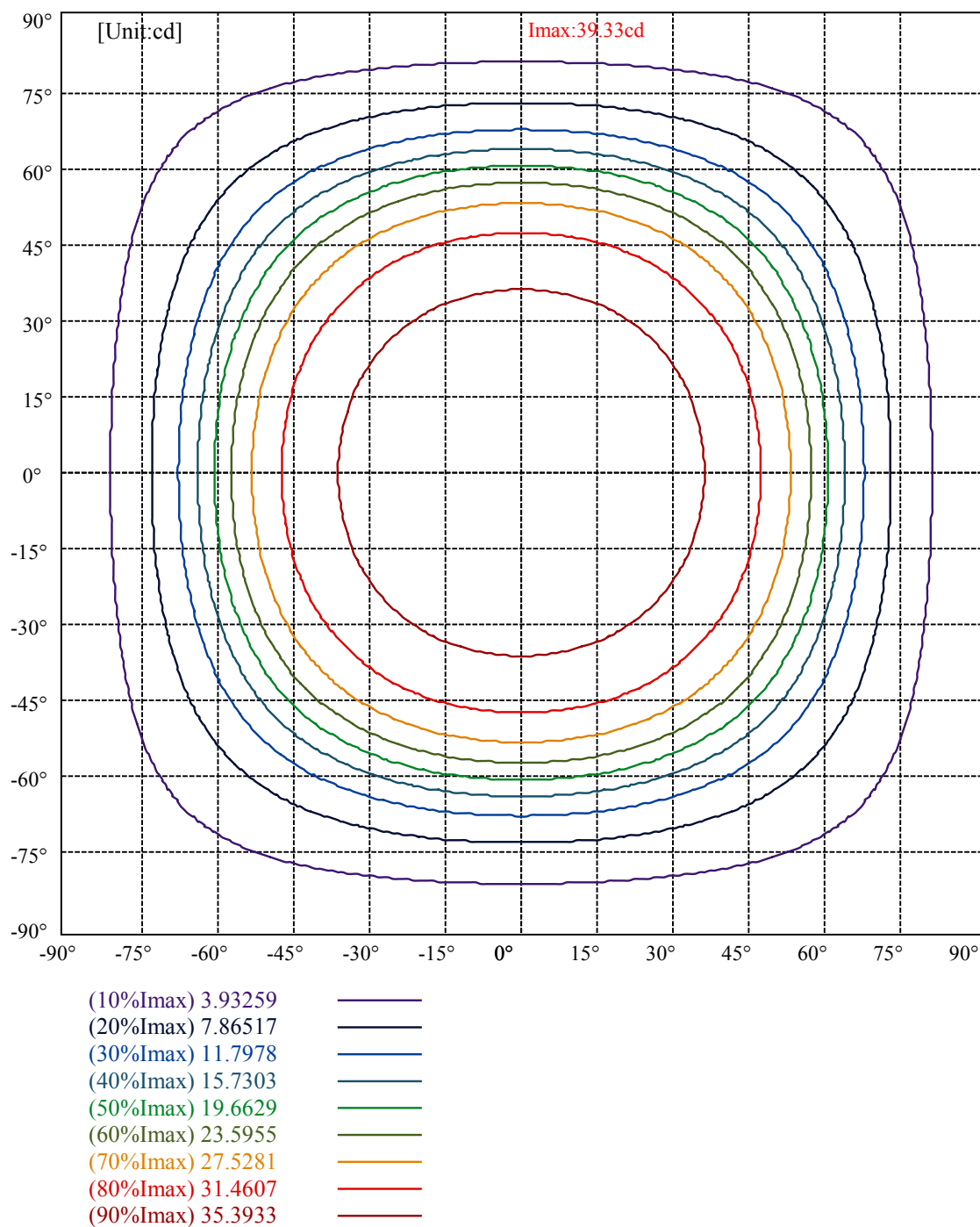
Date: 30/09/2024
Humidity(%): 55.0%

Operator: 01
Distance(m): 6.90





Max , Ave Beam angle of C0 plane 119.87



Luminance Table

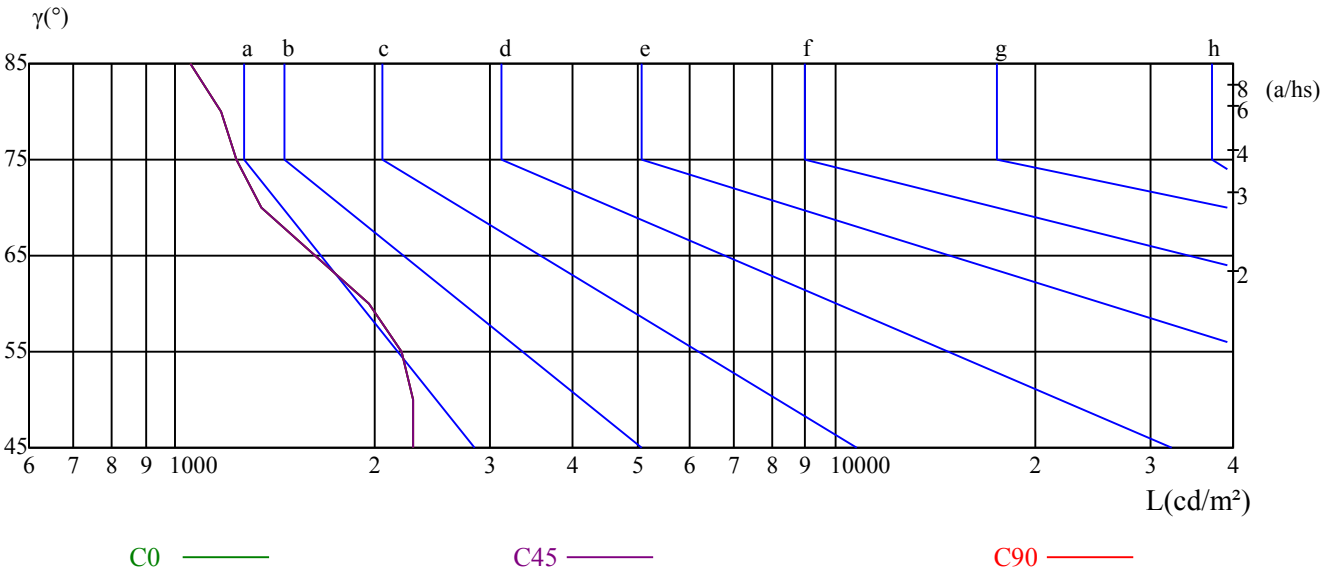
γ	45	50	55	60	65	70	75	80	85
C0	2288	2296	2205	1958	1629	1345	1239	1169	1052
C45	2288	2296	2205	1958	1629	1345	1239	1169	1052
C90	2288	2296	2205	1958	1629	1345	1239	1169	1052

L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
1629	1629	1629	1239	1239	1239	1052	1052	1052

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



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	15.20	16.84	15.56	17.16	17.47	15.07	16.72	15.43	17.03	17.35
	3H	16.68	18.17	17.06	18.50	18.84	15.84	17.33	16.22	17.67	18.01
	4H	17.30	18.69	17.69	19.04	19.40	16.15	17.54	16.54	17.89	18.25
	6H	17.83	19.13	18.24	19.50	19.89	16.43	17.73	16.84	18.09	18.49
	8H	17.99	19.25	18.40	19.62	20.02	16.52	17.77	16.93	18.14	18.54
	12H	18.08	19.28	18.49	19.66	20.07	16.58	17.78	17.00	18.17	18.57
4H	2H	15.86	17.26	16.25	17.61	17.97	15.74	17.14	16.13	17.49	17.85
	3H	17.38	18.57	17.80	18.95	19.36	16.61	17.80	17.03	18.18	18.59
	4H	18.14	19.18	18.57	19.60	20.03	17.05	18.10	17.48	18.51	18.95
	6H	18.74	19.68	19.20	20.11	20.56	17.39	18.33	17.85	18.77	19.21
	8H	18.98	19.85	19.45	20.30	20.76	17.55	18.42	18.02	18.87	19.33
	12H	19.13	19.95	19.61	20.38	20.88	17.68	18.49	18.15	18.93	19.43
8H	4H	18.23	19.11	18.70	19.55	20.01	17.23	18.11	17.70	18.55	19.01
	6H	18.94	19.67	19.43	20.14	20.63	17.67	18.41	18.16	18.87	19.37
	8H	19.30	19.94	19.81	20.45	20.93	17.94	18.58	18.45	19.09	19.58
	12H	19.52	20.06	20.03	20.57	21.07	18.14	18.69	18.66	19.19	19.70
12H	4H	18.23	19.05	18.71	19.48	19.98	17.26	18.07	17.73	18.51	19.01
	6H	19.00	19.65	19.51	20.15	20.64	17.77	18.41	18.28	18.92	19.41
	8H	19.35	19.89	19.86	20.40	20.90	18.03	18.58	18.55	19.08	19.59
Variation with the observer position at spacings:											
S = 1.0H		0.4/-0.5					0.4/-0.5				
S = 1.5H		0.4/-0.9					0.4/-0.9				
S = 2.0H		1.3/-1.3					1.3/-1.3				
Standard tables:		BK3					BK3				
Uncorrected UGR		0.3					0.3				

依据CIE Publ. 117 计算 UGR, S/H = 0.25