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lumini

LumCAT:

Luminaire: kube evo n1 - (lente street)

LampCAT: modulo led 42W 30K irc 90

Ballast type: led driver 900mA

Report No:

Voltage(V): 221.2200

Test No:

Current(A): 0.2160

Number of Lamps: 1

Power (W): 46.0900

Lamp flux(lm): 4299.0

PF: 0.9660

Length(mm): 250

Width(mm): 90

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 3360.08, Efficiency(%): 78.16% , Luminous Efficacy(lm/W): 72.90

Central intensity(cd): 940.583, Maximum intensity(cd): 1308.513

Angle of maximum intensity: C=135.0 γ =31.0

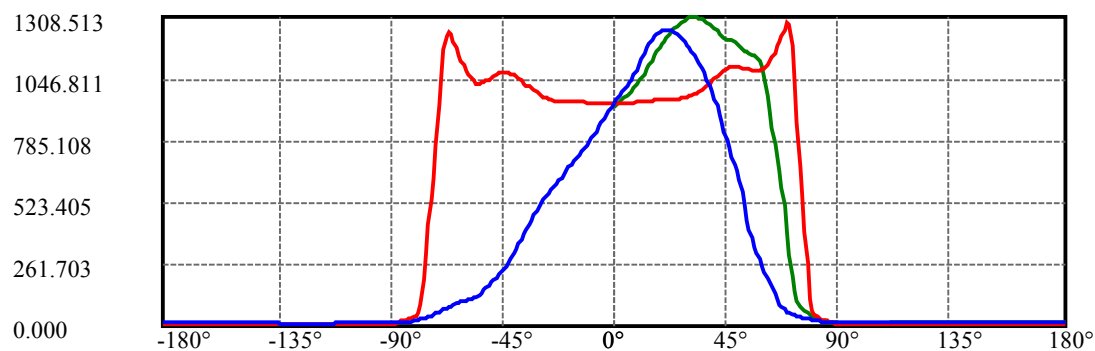
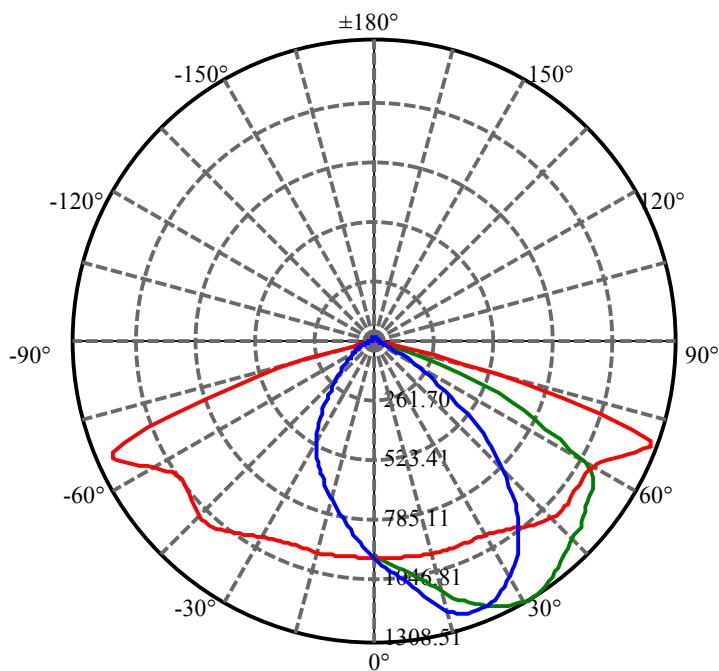
Beam angle of C135 plane : 111.19

Average BeamAngle(IEC 61341): 149.15

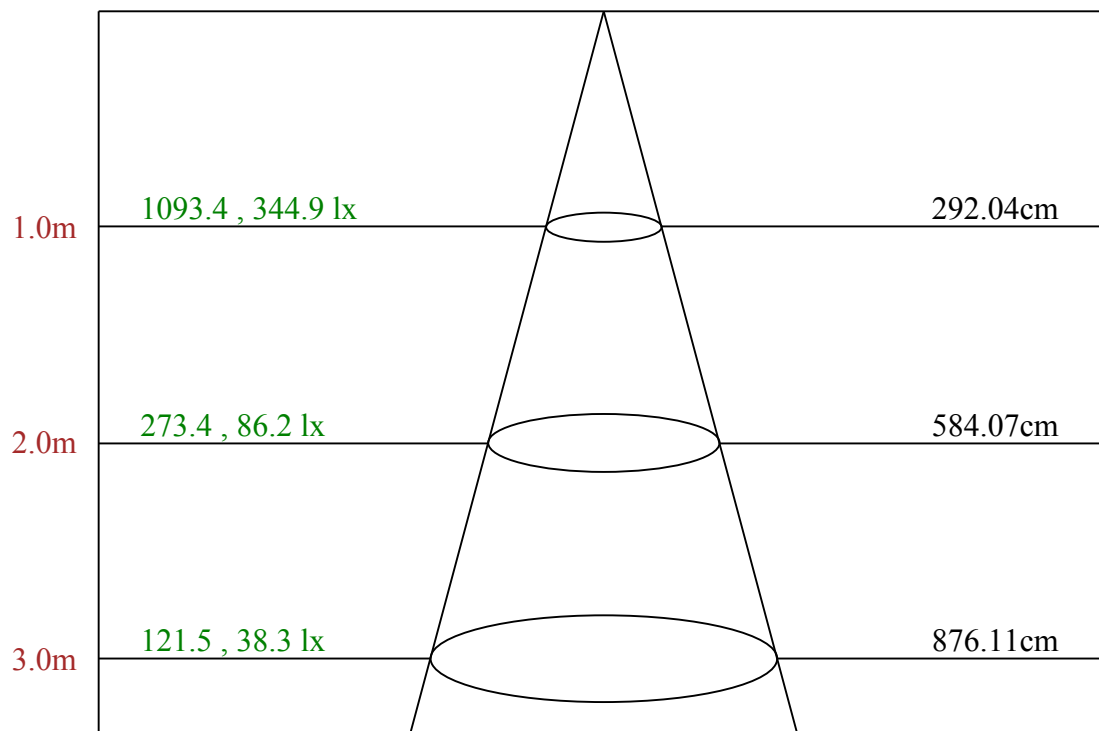
Equipment: equipamento lumini
Temperature(°C): 25.0

Date: 06/06/2025
Humidity(%): 58.0%

Operator: 01
Distance(m): 6.90

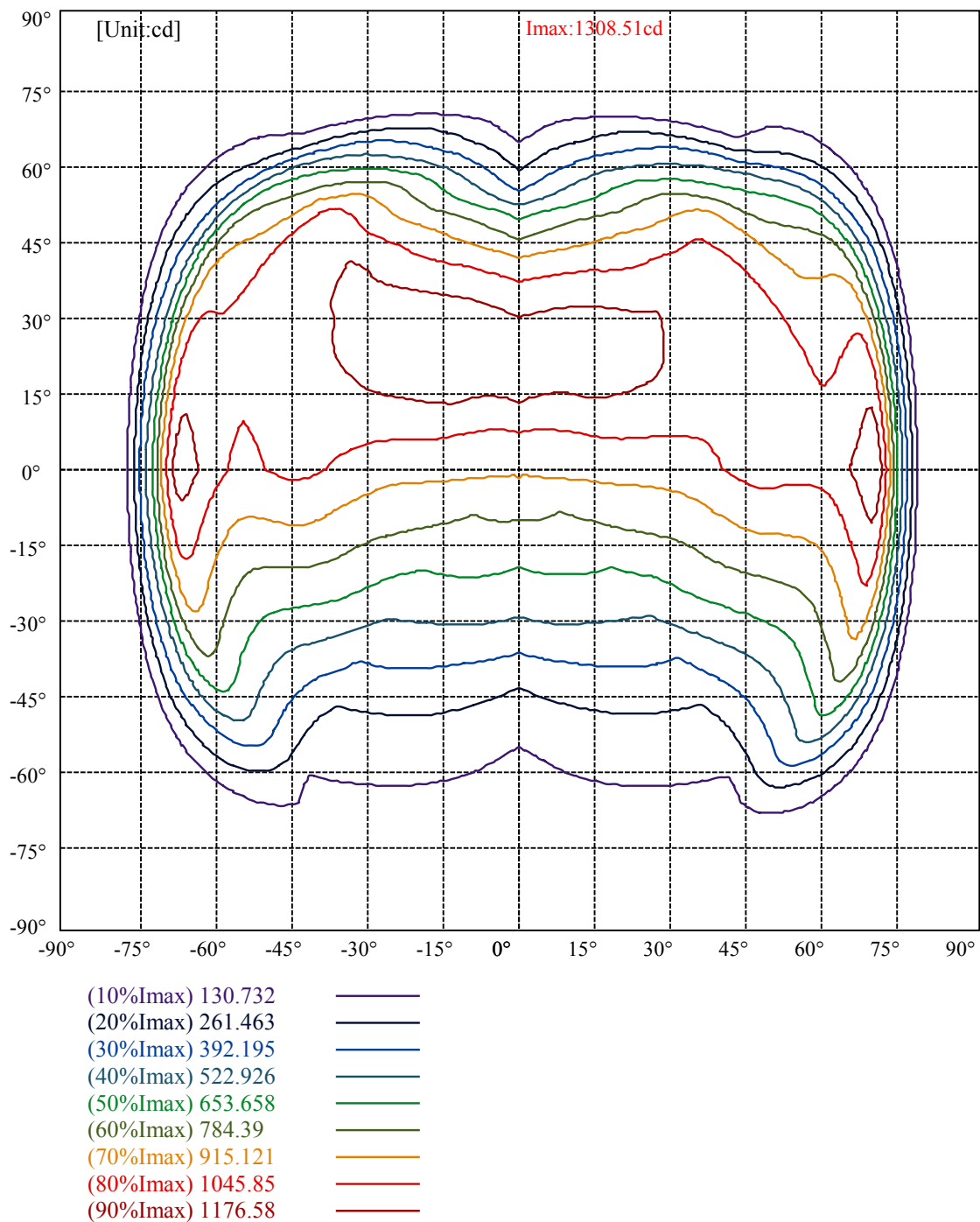


C135(Max): —————
 C0/C180: —————
 C90/C270: —————



Max , Ave

Beam angle of C135 plane 111.19



Luminance Table

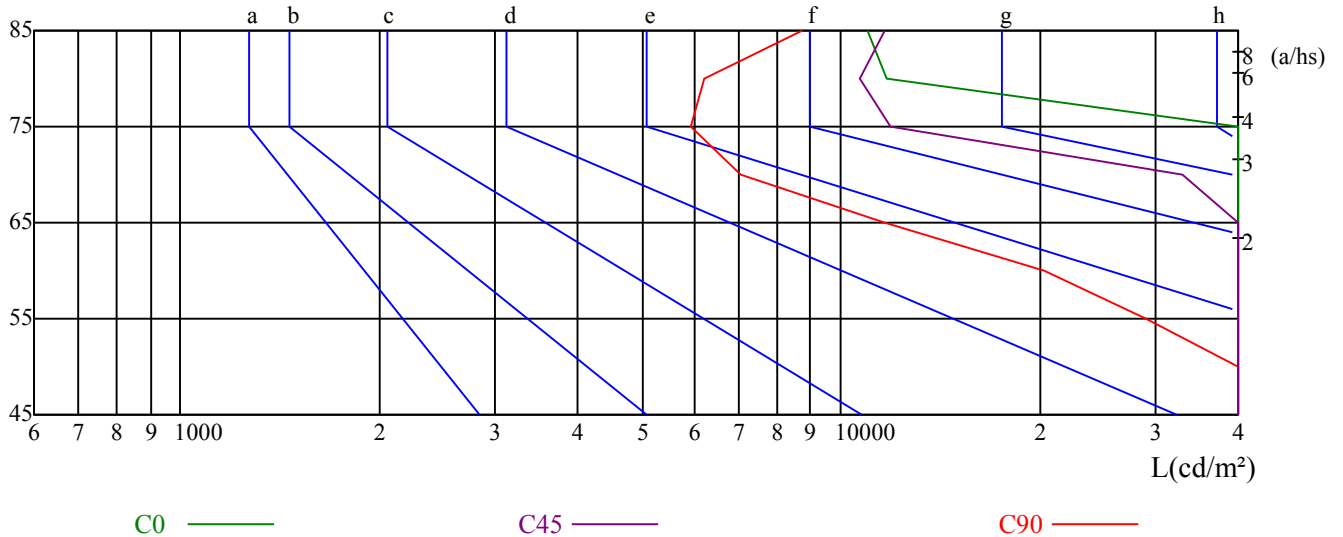
γ	45	50	55	60	65	70	75	80	85
C0	68471	75767	83968	97124	124406	165471	94134	11771	10998
C45	70996	76168	81072	79689	64158	32975	11928	10675	11654
C90	49552	42690	29089	20335	11661	7053	5919	6202	8740

L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
126975	10234	43095	72902	6095	12347	10998	8291	9930

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

 $\gamma(^{\circ})$ 

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	29.88	31.50	30.27	31.86	32.23	26.21	27.83	26.60	28.20	28.56
	3H	33.26	34.73	33.68	35.12	35.51	26.48	27.96	26.90	28.34	28.73
	4H	33.97	35.35	34.39	35.74	36.16	26.46	27.84	26.88	28.23	28.65
	6H	34.00	35.29	34.44	35.70	36.14	26.44	27.73	26.88	28.14	28.58
	8H	33.95	35.19	34.39	35.60	36.06	26.40	27.64	26.84	28.06	28.51
	12H	33.90	35.09	34.35	35.51	35.97	26.37	27.55	26.82	27.98	28.44
4H	2H	30.39	31.77	30.81	32.16	32.58	27.64	29.02	28.06	29.41	29.83
	3H	33.66	34.83	34.11	35.26	35.72	27.93	29.10	28.38	29.53	29.99
	4H	34.42	35.46	34.89	35.91	36.40	27.95	28.99	28.42	29.45	29.93
	6H	34.43	35.35	34.92	35.83	36.32	27.91	28.83	28.41	29.31	29.81
	8H	34.41	35.26	34.91	35.75	36.26	27.90	28.76	28.41	29.25	29.76
	12H	34.39	35.18	34.90	35.66	36.21	27.90	28.70	28.41	29.18	29.73
8H	4H	34.33	35.19	34.84	35.67	36.19	28.22	29.08	28.72	29.56	30.07
	6H	34.34	35.05	34.86	35.55	36.10	28.19	28.90	28.71	29.41	29.95
	8H	34.37	34.98	34.91	35.53	36.07	28.24	28.86	28.79	29.40	29.94
	12H	34.35	34.87	34.91	35.41	35.97	28.25	28.77	28.81	29.32	29.87
12H	4H	34.31	35.11	34.82	35.58	36.13	28.21	29.00	28.72	29.48	30.03
	6H	34.36	34.98	34.90	35.52	36.06	28.23	28.84	28.77	29.39	29.93
	8H	34.35	34.86	34.90	35.41	35.96	28.24	28.76	28.80	29.31	29.86
Variation with the observer position at spacings:											
S = 1.0H		0.4/-0.5					0.3/-0.4				
S = 1.5H		1.4/-2.3					0.9/-0.7				
S = 2.0H		3.3/-7.1					1.7/-0.7				
Standard tables:		BK3					BK2				
Uncorrected UGR		10.9					15.3				

依据CIE Publ. 117 计算 UGR, S/H = 0.25