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LumCAT:

Luminaire: mini linea diffuse 50 up w1 sr2 15W

LampCAT: modulo led 30Wm 30K irc 90

Ballast type: led line driver 12V

Report No:

Voltage(V): 127.6900

Test No:

Current(A): 0.1670

Number of Lamps: 1

Power (W): 20.9810

Lamp flux(lm): 1492.0

PF: 0.9850

Length(mm): 505

Width(mm): 56

Phm Type: C

Height(mm): 0

Photometric Results

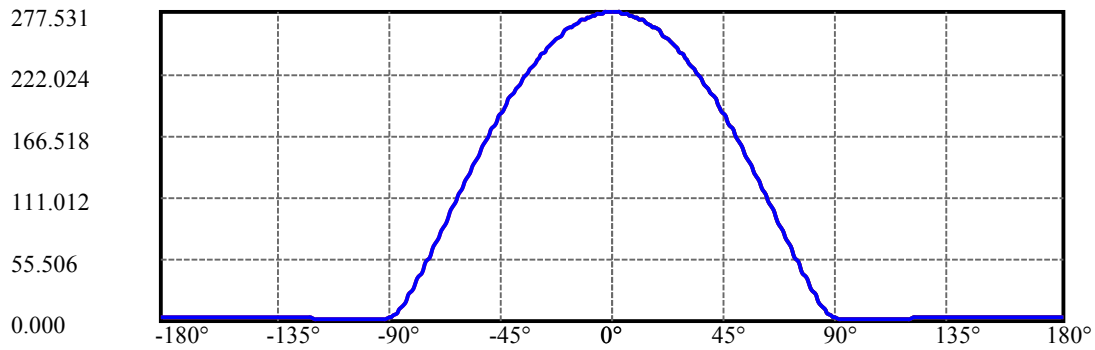
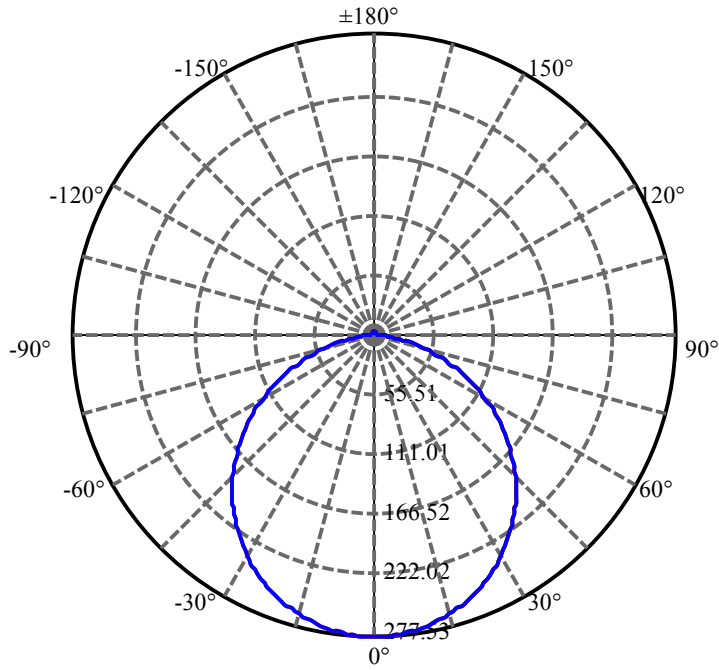
Lumens(lm): 795.75, Efficiency(%): 53.33% , Luminous Efficacy(lm/W): 37.93

Central intensity(cd): 277.531, Maximum intensity(cd): 277.531

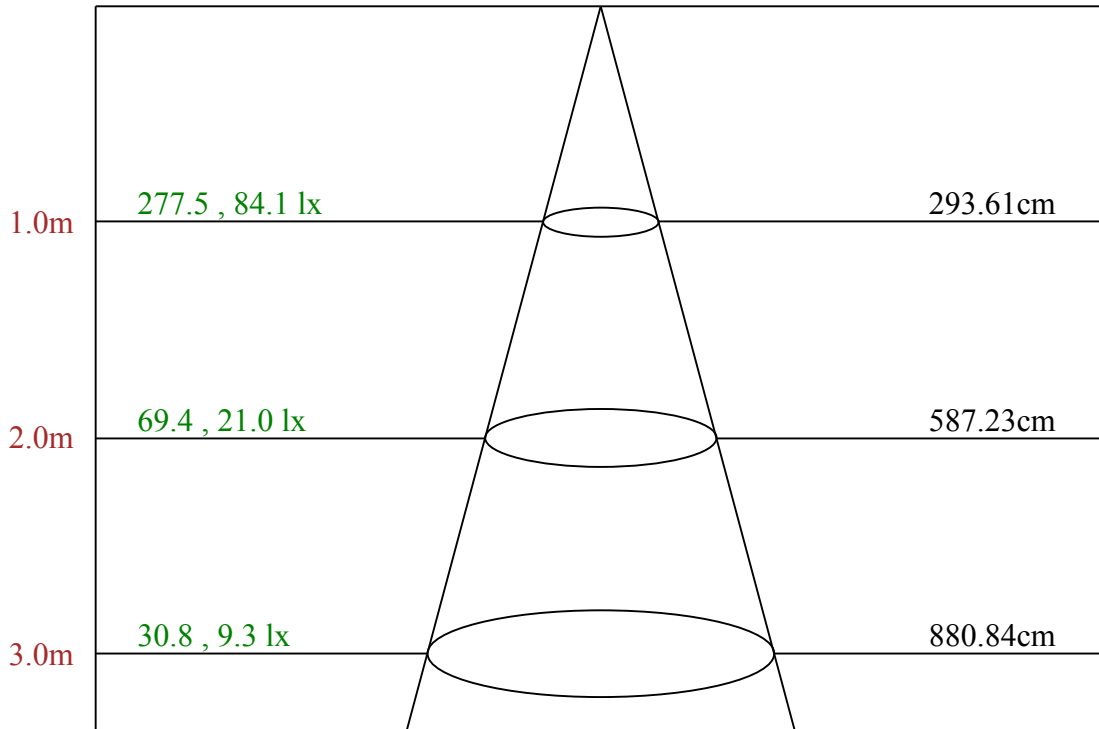
Angle of maximum intensity: $C=0.0$ $\gamma=0.0$

Beam angle of C0 plane : 111.48

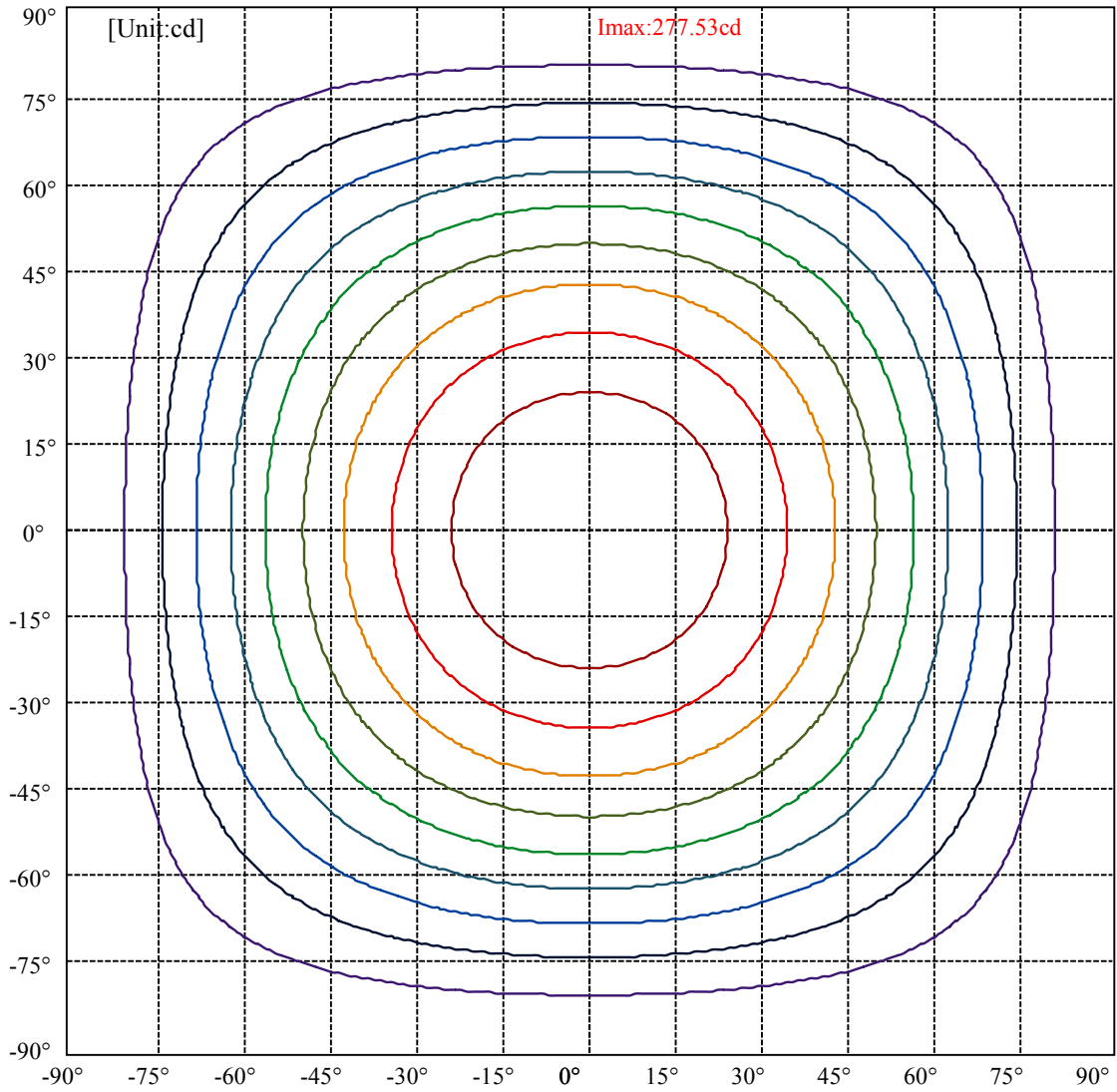
Aveage BeamAngle(IEC 61341):111.48



C0(Max): —
C0/C180: —
C90/C270: —



Max , Ave Beam angle of C0 plane 111.48



(10%Imax) 27.7531	—
(20%Imax) 55.5061	—
(30%Imax) 83.2592	—
(40%Imax) 111.012	—
(50%Imax) 138.765	—
(60%Imax) 166.518	—
(70%Imax) 194.271	—
(80%Imax) 222.024	—
(90%Imax) 249.778	—

Luminance Table

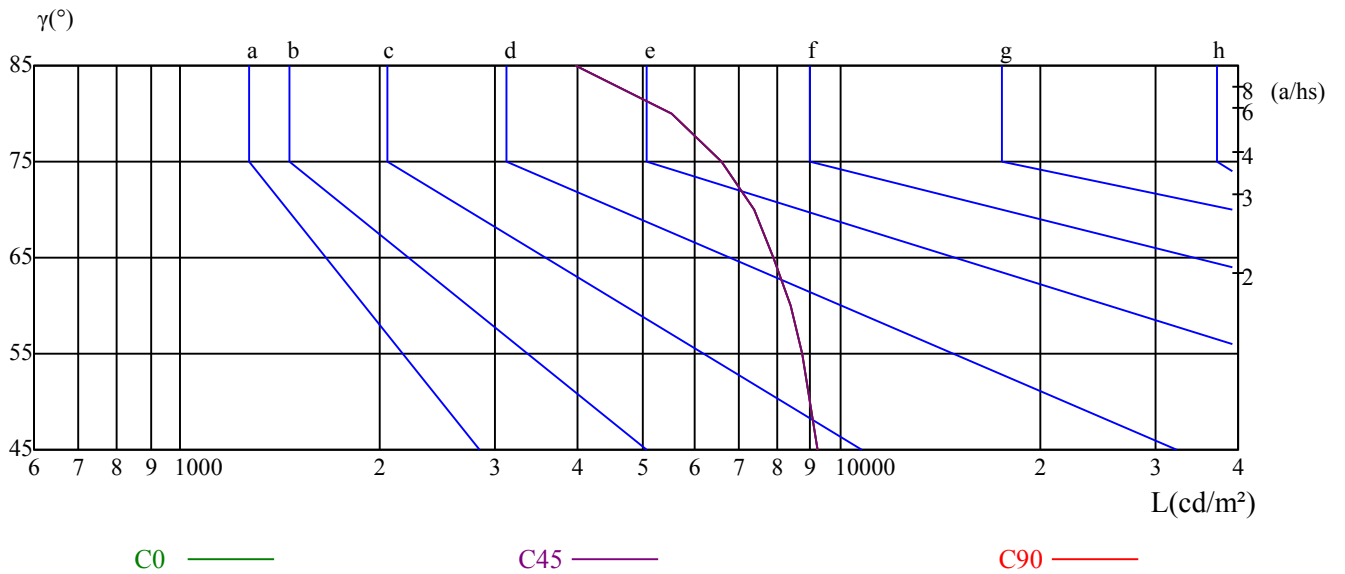
γ	45	50	55	60	65	70	75	80	85
C0	9201	8988	8750	8406	7933	7403	6588	5547	3960
C45	9201	8988	8750	8406	7933	7403	6588	5547	3960
C90	9201	8988	8750	8406	7933	7403	6588	5547	3960

L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
7933	7933	7933	6588	6588	6588	3960	3960	3960

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	20.06	21.64	20.45	22.00	22.37	20.26	21.84	20.66	22.20	22.57
	3H	21.69	23.13	22.11	23.51	23.90	21.97	23.41	22.39	23.79	24.18
	4H	22.29	23.63	22.71	24.03	24.44	22.58	23.93	23.01	24.33	24.74
	6H	22.76	24.01	23.19	24.42	24.86	23.04	24.29	23.48	24.70	25.15
	8H	22.88	24.09	23.33	24.51	24.96	23.15	24.36	23.60	24.78	25.23
	12H	22.94	24.10	23.39	24.53	24.99	23.20	24.36	23.65	24.79	25.25
4H	2H	20.83	22.18	21.26	22.57	22.98	20.99	22.33	21.41	22.73	23.14
	3H	22.62	23.77	23.07	24.19	24.65	22.85	24.00	23.30	24.42	24.88
	4H	23.38	24.40	23.85	24.85	25.34	23.63	24.64	24.09	25.10	25.59
	6H	23.93	24.83	24.42	25.31	25.80	24.16	25.07	24.65	25.54	26.04
	8H	24.13	24.98	24.63	25.46	25.97	24.34	25.19	24.85	25.67	26.18
	12H	24.25	25.04	24.76	25.51	26.06	24.46	25.24	24.96	25.72	26.27
8H	4H	23.69	24.54	24.20	25.02	25.53	23.91	24.76	24.41	25.24	25.75
	6H	24.38	25.08	24.90	25.59	26.13	24.57	25.28	25.10	25.78	26.33
	8H	24.70	25.32	25.25	25.87	26.40	24.88	25.50	25.43	26.04	26.58
	12H	24.89	25.41	25.44	25.96	26.51	25.05	25.58	25.61	26.12	26.68
12H	4H	23.73	24.51	24.24	24.99	25.54	23.94	24.72	24.45	25.20	25.75
	6H	24.50	25.12	25.04	25.66	26.20	24.69	25.31	25.23	25.85	26.39
	8H	24.82	25.35	25.38	25.89	26.45	24.99	25.52	25.55	26.06	26.62
Variation with the observer position at spacings:											
S = 1.0H		0.3/-0.6					0.3/-0.6				
S = 1.5H		0.6/-0.7					0.6/-0.7				
S = 2.0H		0.8/-0.8					0.8/-0.8				
Standard tables:		BK3					BK3				
Uncorrected UGR		5.5					5.5				

依据CIE Publ. 117 计算 UGR, S/H = 0.25