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LumCAT:

Luminaire: mini linea diffuse 60 fm e sr2 17W

LampCAT: modulo led 28Wm 30K irc 90

Ballast type: led driver 700mA

Report No:

Voltage(V): 127.7400

Test No:

Current(A): 0.1530

Number of Lamps: 1

Power (W): 19.3110

Lamp flux(lm): 2405.0

PF: 0.9910

Length(mm): 600

Width(mm): 50

Phm Type: C

Height(mm): 0

Photometric Results

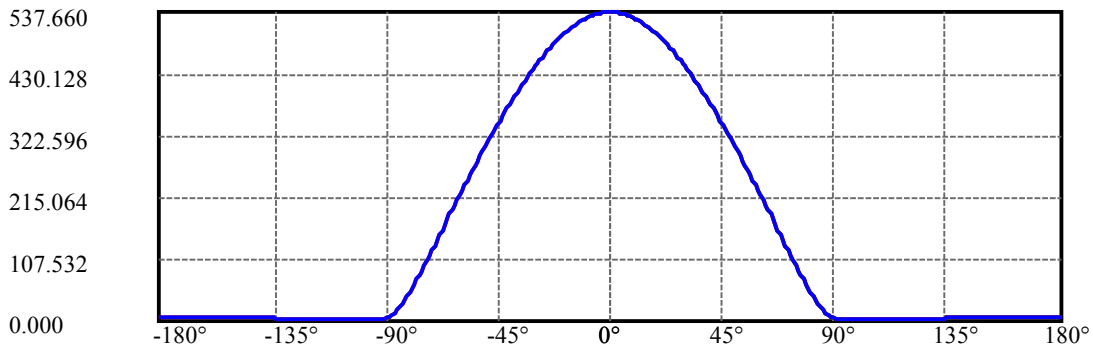
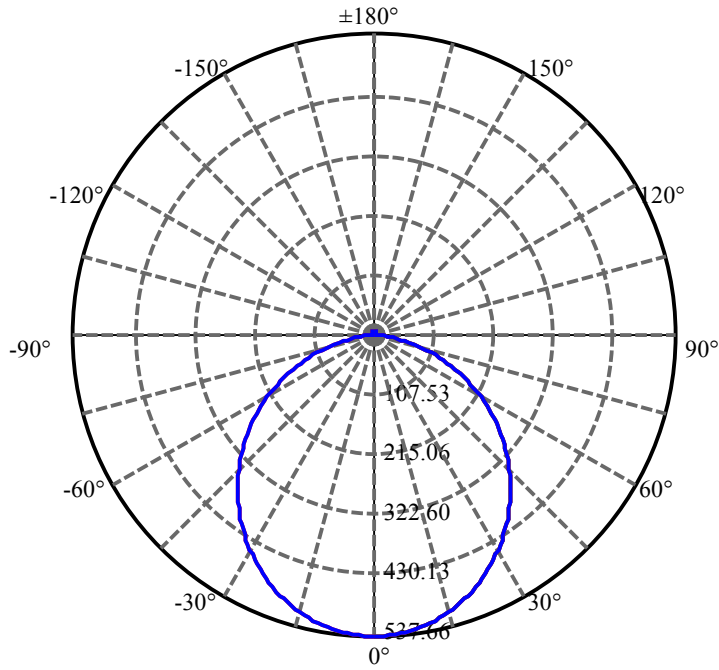
Lumens(lm): 1486.44, Efficiency(%): 61.81% , Luminous Efficacy(lm/W): 76.97

Central intensity(cd): 537.660, Maximum intensity(cd): 537.660

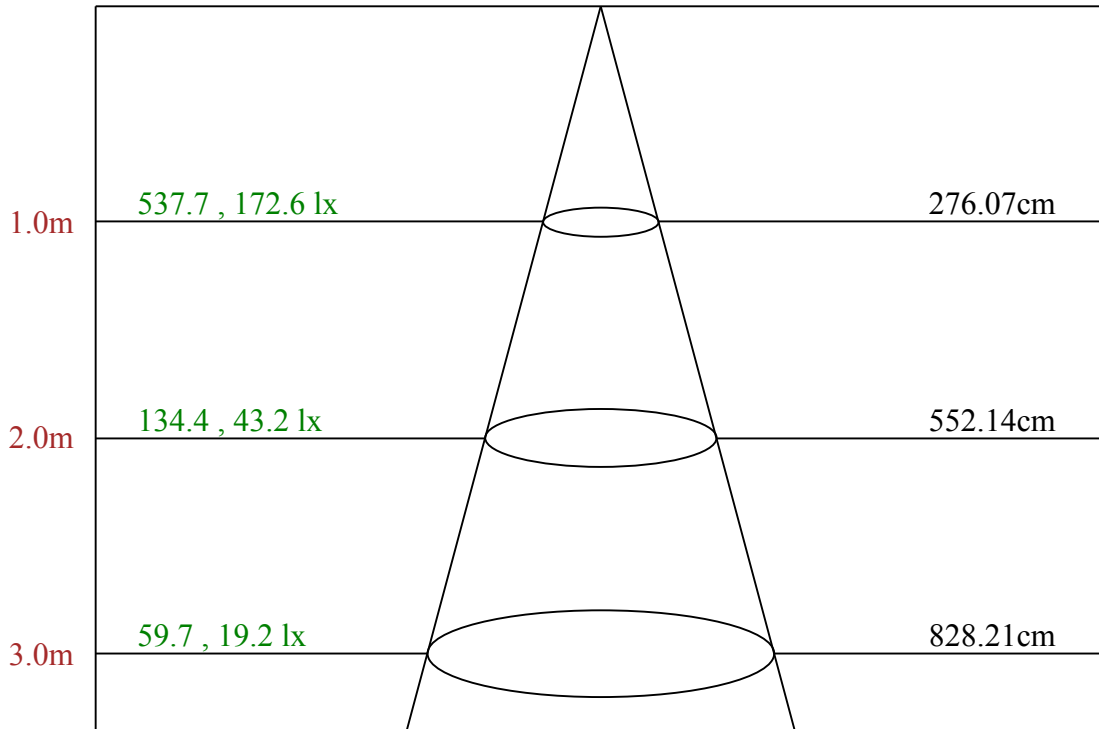
Angle of maximum intensity: $C=0.0$ $\gamma=0.0$

Beam angle of C0 plane : 108.16

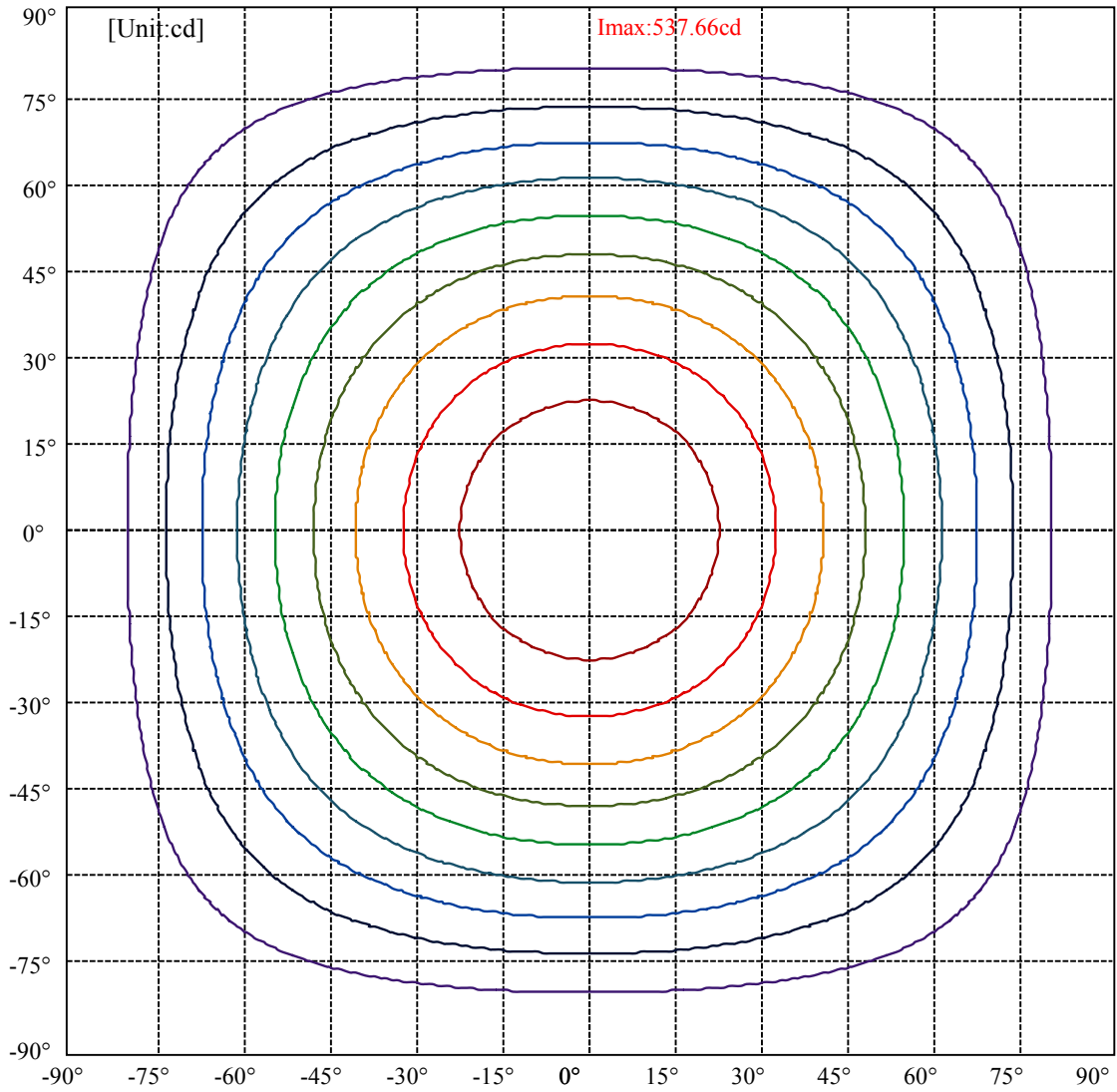
Aveage BeamAngle(IEC 61341):108.16



C0(Max): —
C0/C180: —
C90/C270: —



Max , Ave Beam angle of C0 plane 108.16



(10%Imax) 53.766	—
(20%Imax) 107.532	—
(30%Imax) 161.298	—
(40%Imax) 215.064	—
(50%Imax) 268.83	—
(60%Imax) 322.596	—
(70%Imax) 376.362	—
(80%Imax) 430.128	—
(90%Imax) 483.894	—

Luminance Table

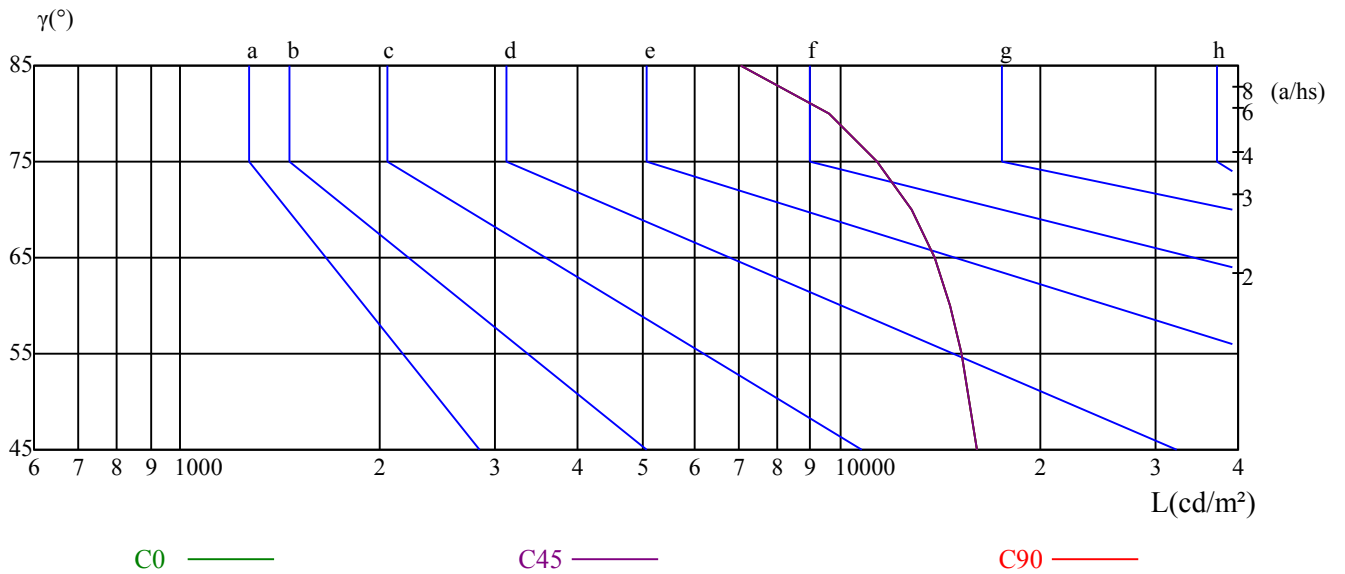
γ	45	50	55	60	65	70	75	80	85
C0	16090	15705	15197	14642	13901	12803	11380	9614	7038
C45	16090	15705	15197	14642	13901	12803	11380	9614	7038
C90	16090	15705	15197	14642	13901	12803	11380	9614	7038

L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
13901	13901	13901	11380	11380	11380	7038	7038	7038

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	21.79	23.37	22.18	23.73	24.09	22.12	23.70	22.51	24.05	24.42
	3H	23.31	24.74	23.72	25.12	25.51	23.80	25.23	24.22	25.61	26.00
	4H	23.83	25.18	24.26	25.57	25.98	24.41	25.75	24.83	26.14	26.55
	6H	24.19	25.44	24.63	25.84	26.28	24.85	26.10	25.28	26.50	26.94
	8H	24.25	25.45	24.69	25.86	26.31	24.95	26.15	25.39	26.57	27.01
	12H	24.26	25.41	24.70	25.84	26.29	24.99	26.15	25.44	26.57	27.02
4H	2H	22.57	23.91	22.99	24.30	24.71	22.82	24.16	23.24	24.55	24.96
	3H	24.24	25.39	24.69	25.81	26.26	24.65	25.79	25.10	26.22	26.67
	4H	24.93	25.94	25.39	26.39	26.87	25.42	26.43	25.88	26.89	27.37
	6H	25.34	26.25	25.83	26.72	27.21	25.93	26.83	26.42	27.31	27.79
	8H	25.46	26.31	25.96	26.79	27.29	26.10	26.94	26.60	27.42	27.93
	12H	25.52	26.31	26.03	26.78	27.33	26.20	26.98	26.70	27.45	28.00
8H	4H	25.23	26.08	25.73	26.56	27.06	25.67	26.51	26.17	26.99	27.50
	6H	25.76	26.47	26.28	26.97	27.51	26.29	27.00	26.81	27.50	28.04
	8H	26.00	26.61	26.54	27.15	27.68	26.58	27.19	27.12	27.73	28.26
	12H	26.10	26.62	26.65	27.16	27.71	26.73	27.25	27.28	27.79	28.34
12H	4H	25.26	26.04	25.77	26.52	27.06	25.69	26.47	26.19	26.94	27.49
	6H	25.88	26.49	26.42	27.03	27.57	26.39	27.00	26.93	27.54	28.07
	8H	26.10	26.62	26.65	27.16	27.71	26.66	27.18	27.21	27.72	28.27
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	7.3					7.3					

依据CIE Publ. 117 计算 UGR, S/H = 0.25