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LumCAT:

Luminaire: mini linea diffuse 50 up w1 sr2 5W

LampCAT: modulo led 10Wm 30K irc 90

Ballast type: led line driver 12V

Report No:

Voltage(V): 127.8500

Test No:

Current(A): 0.0660

Number of Lamps: 1

Power (W): 7.3280

Lamp flux(lm): 506.0

PF: 0.8690

Length(mm): 505

Width(mm): 56

Phm Type: C

Height(mm): 0

Photometric Results

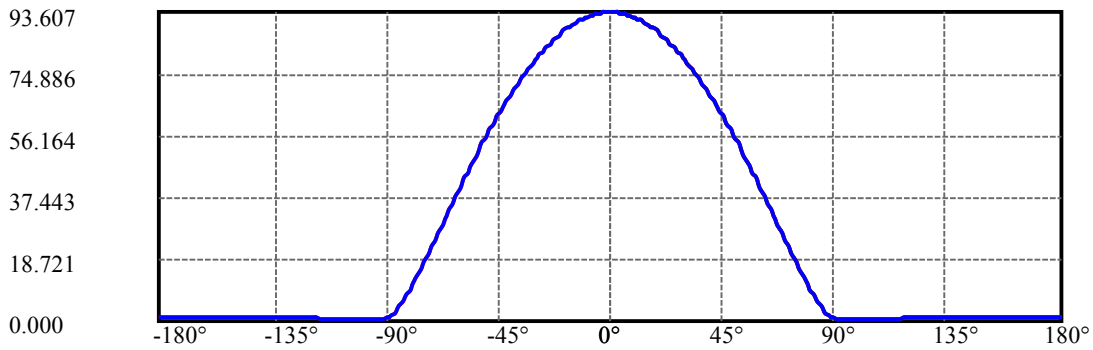
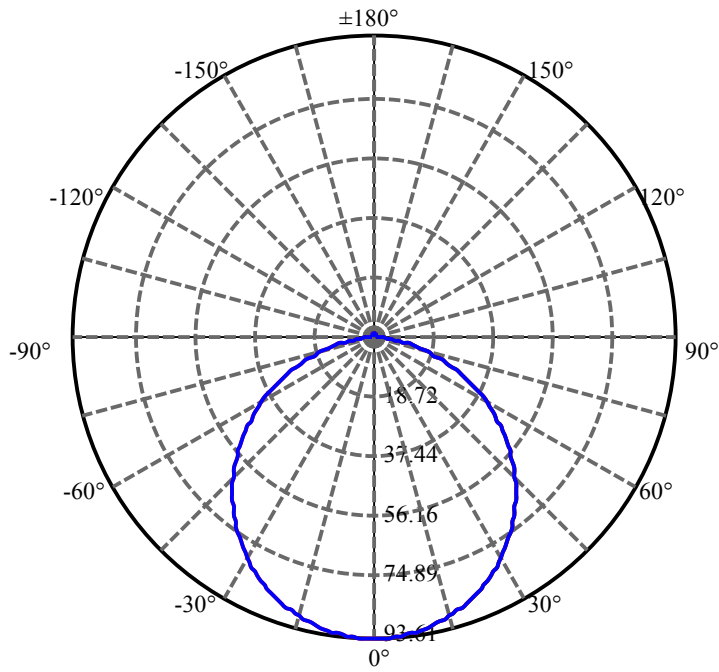
Lumens(lm): 268.95, Efficiency(%): 53.15% , Luminous Efficacy(lm/W): 36.70

Central intensity(cd): 93.607, Maximum intensity(cd): 93.607

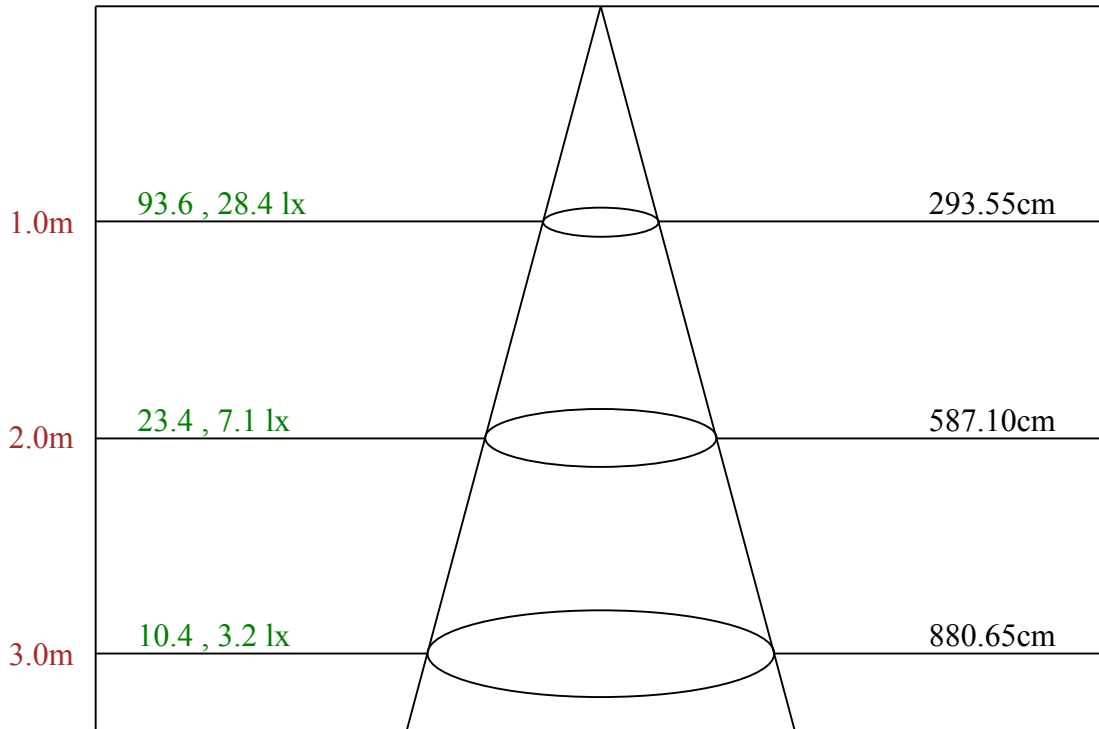
Angle of maximum intensity: $C=0.0$ $\gamma=0.0$

Beam angle of C0 plane : 111.47

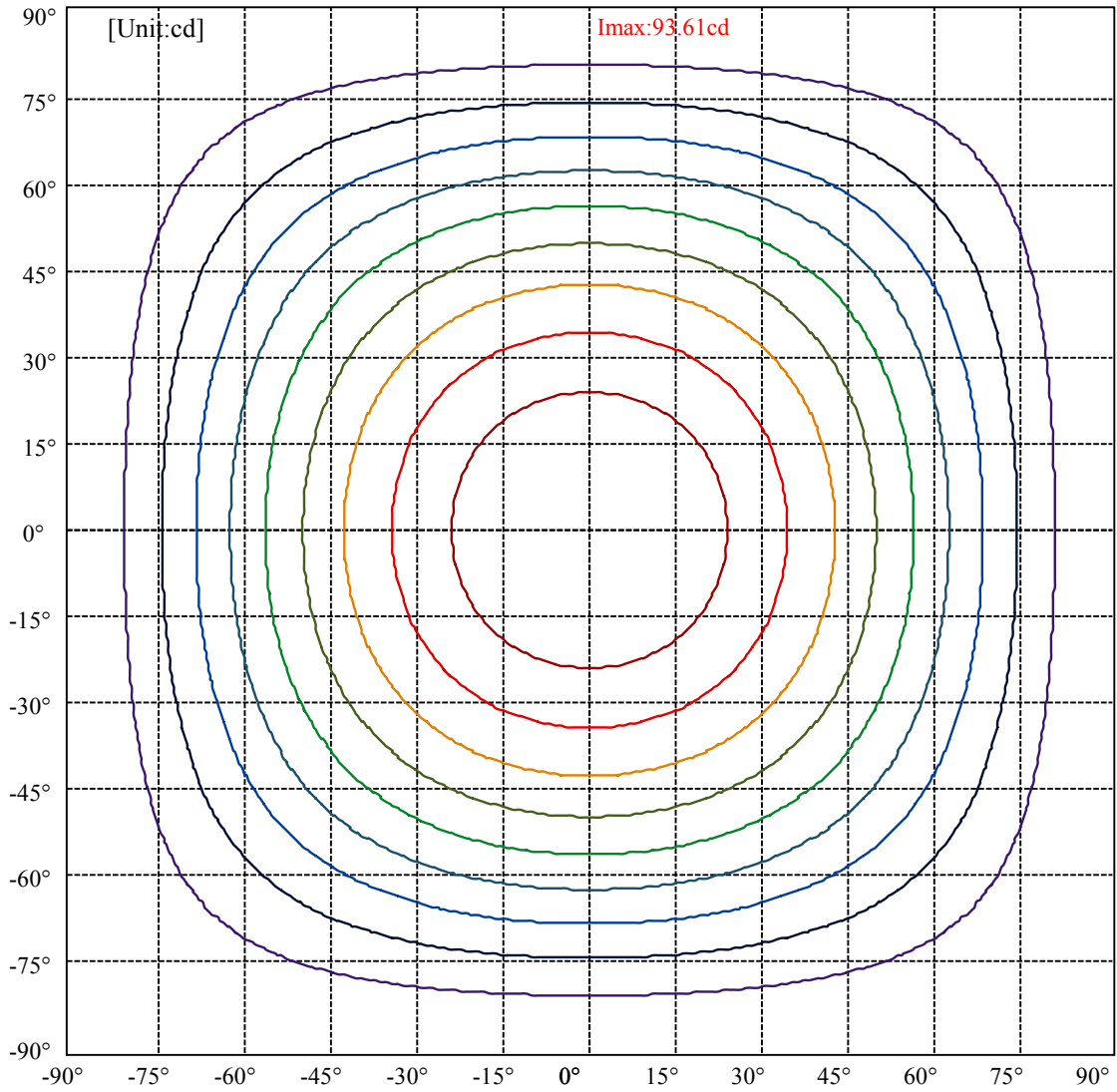
Aveage BeamAngle(IEC 61341):111.47



C0(Max): —
C0/C180: —
C90/C270: —



Max , Ave Beam angle of C0 plane 111.47



(10%Imax) 9.36072	—
(20%Imax) 18.7214	—
(30%Imax) 28.0822	—
(40%Imax) 37.4429	—
(50%Imax) 46.8036	—
(60%Imax) 56.1643	—
(70%Imax) 65.5251	—
(80%Imax) 74.8858	—
(90%Imax) 84.2465	—

Luminance Table

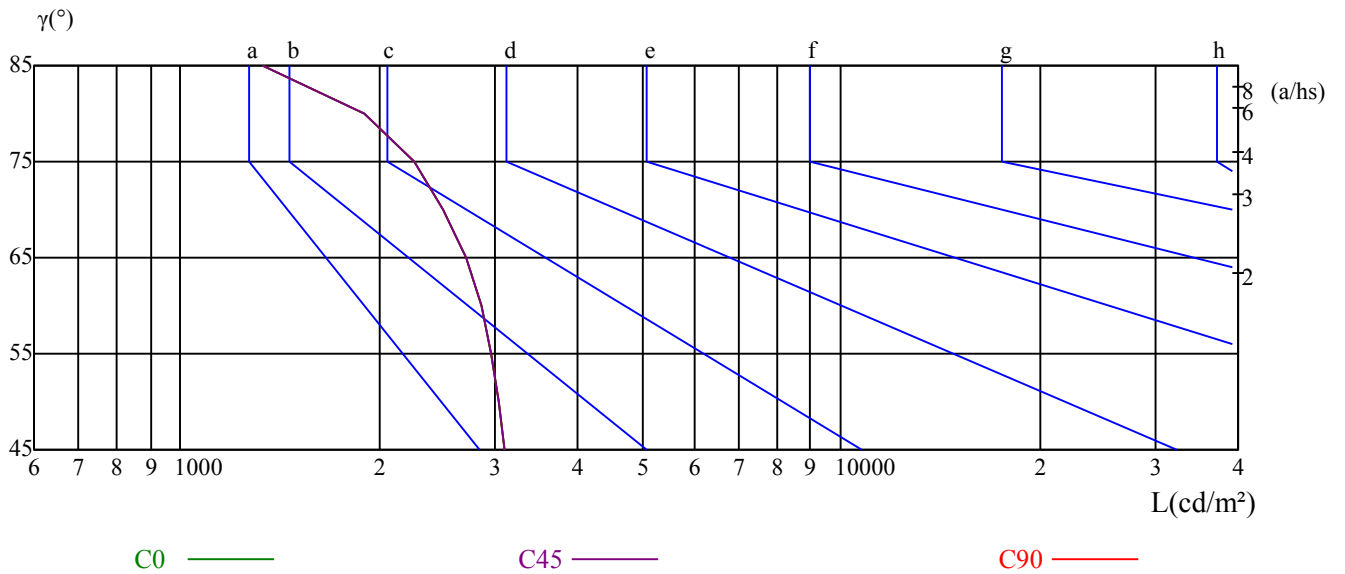
γ	45	50	55	60	65	70	75	80	85
C0	3098	3033	2956	2852	2699	2505	2261	1904	1330
C45	3098	3033	2956	2852	2699	2505	2261	1904	1330
C90	3098	3033	2956	2852	2699	2505	2261	1904	1330

L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
2699	2699	2699	2261	2261	2261	1330	1330	1330

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	16.27	17.85	16.66	18.21	18.58	16.46	18.04	16.85	18.40	18.77
	3H	17.90	19.33	18.32	19.72	20.11	18.14	19.58	18.56	19.96	20.36
	4H	18.50	19.85	18.93	20.24	20.66	18.76	20.11	19.19	20.50	20.92
	6H	18.98	20.23	19.41	20.64	21.08	19.19	20.45	19.63	20.86	21.30
	8H	19.10	20.31	19.55	20.73	21.18	19.29	20.50	19.74	20.92	21.37
	12H	19.17	20.33	19.62	20.75	21.21	19.34	20.50	19.79	20.92	21.38
4H	2H	17.04	18.38	17.46	18.78	19.19	17.18	18.53	17.61	18.93	19.34
	3H	18.82	19.97	19.27	20.40	20.86	19.02	20.17	19.47	20.59	21.06
	4H	19.60	20.61	20.06	21.07	21.56	19.81	20.83	20.28	21.28	21.77
	6H	20.14	21.05	20.64	21.53	22.02	20.31	21.22	20.81	21.70	22.19
	8H	20.34	21.19	20.85	21.68	22.19	20.48	21.33	20.99	21.81	22.32
	12H	20.47	21.26	20.98	21.74	22.29	20.58	21.37	21.09	21.85	22.40
8H	4H	19.91	20.75	20.41	21.24	21.75	20.09	20.94	20.60	21.43	21.94
	6H	20.59	21.30	21.11	21.80	22.35	20.73	21.44	21.25	21.94	22.49
	8H	20.92	21.53	21.46	22.08	22.62	21.02	21.64	21.56	22.18	22.72
	12H	21.10	21.63	21.66	22.17	22.73	21.18	21.70	21.73	22.25	22.80
12H	4H	19.94	20.73	20.45	21.20	21.75	20.12	20.91	20.63	21.39	21.94
	6H	20.71	21.33	21.25	21.87	22.41	20.84	21.46	21.38	22.00	22.54
	8H	21.03	21.55	21.58	22.10	22.66	21.13	21.65	21.68	22.20	22.75
Variation with the observer position at spacings:											
S = 1.0H		0.3/-0.6					0.3/-0.6				
S = 1.5H		0.6/-0.6					0.6/-0.6				
S = 2.0H		0.8/-0.8					0.8/-0.8				
Standard tables:		BK3					BK3				
Uncorrected UGR		1.7					1.7				

依据CIE Publ. 117 计算 UGR, S/H = 0.25