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LumCAT:

Luminaire: wing darklight t3 fa

LampCAT: modulo led 19.8W 30K irc 90

Ballast type: led driver 700mA

Report No:

Voltage(V): 127.7300

Test No:

Current(A): 0.1680

Number of Lamps: 1

Power (W): 21.3400

Lamp flux(lm): 2100.0

PF: 0.9920

Length(mm): 79

Width(mm): 86

Phm Type: C

Height(mm): 0

Photometric Results

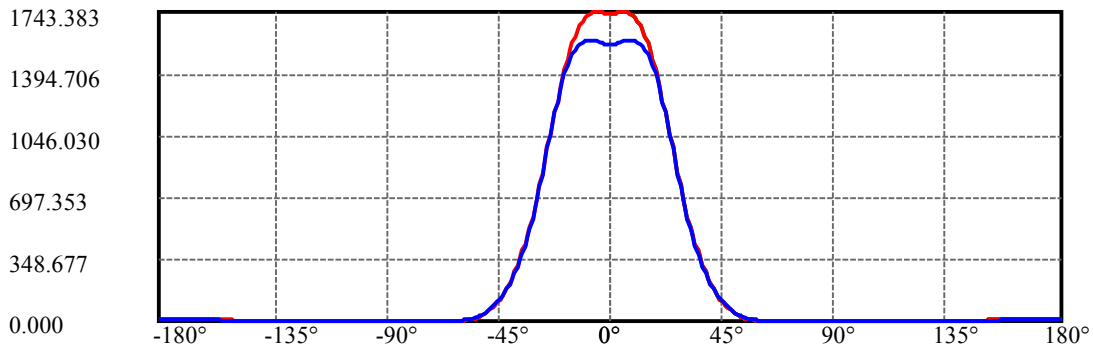
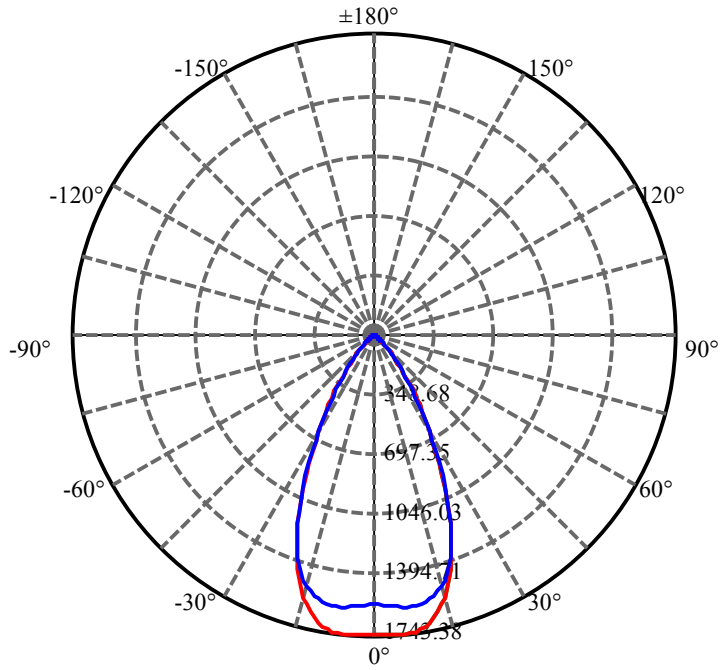
Lumens(lm): 1421.97, Efficiency(%): 67.71% , Luminous Efficacy(lm/W): 66.63

Central intensity(cd): 1734.623, Maximum intensity(cd): 1743.383

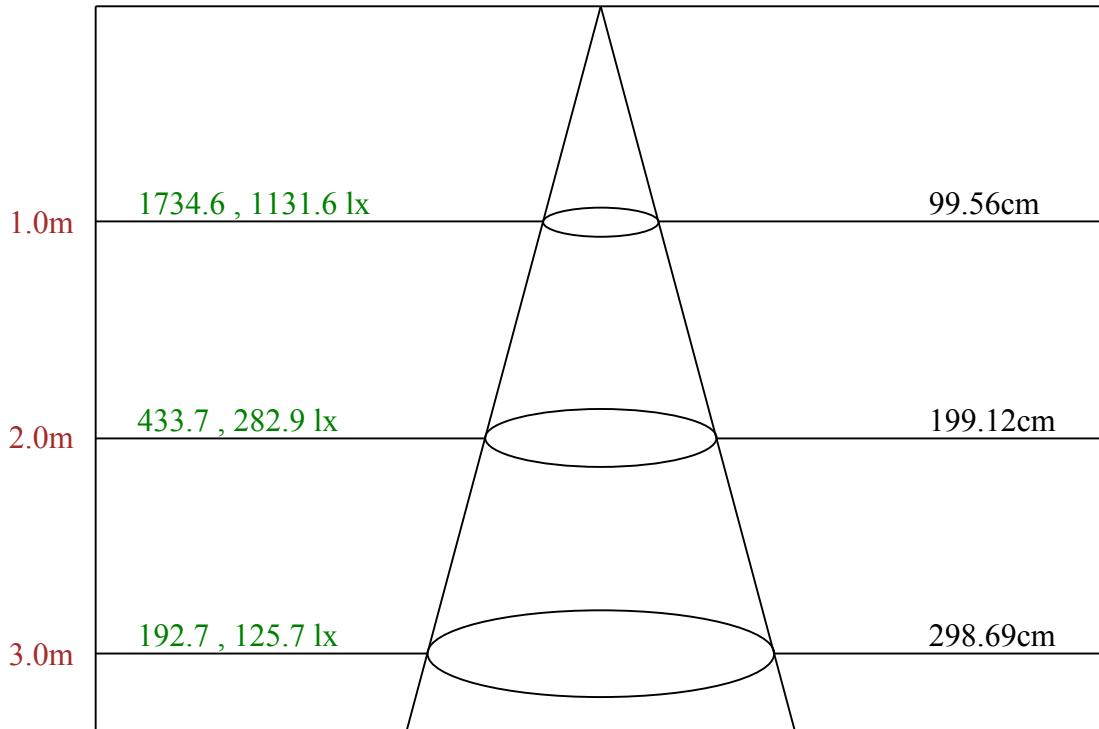
Angle of maximum intensity: C=0.0 γ =5.0

Beam angle of C0 plane : 52.93

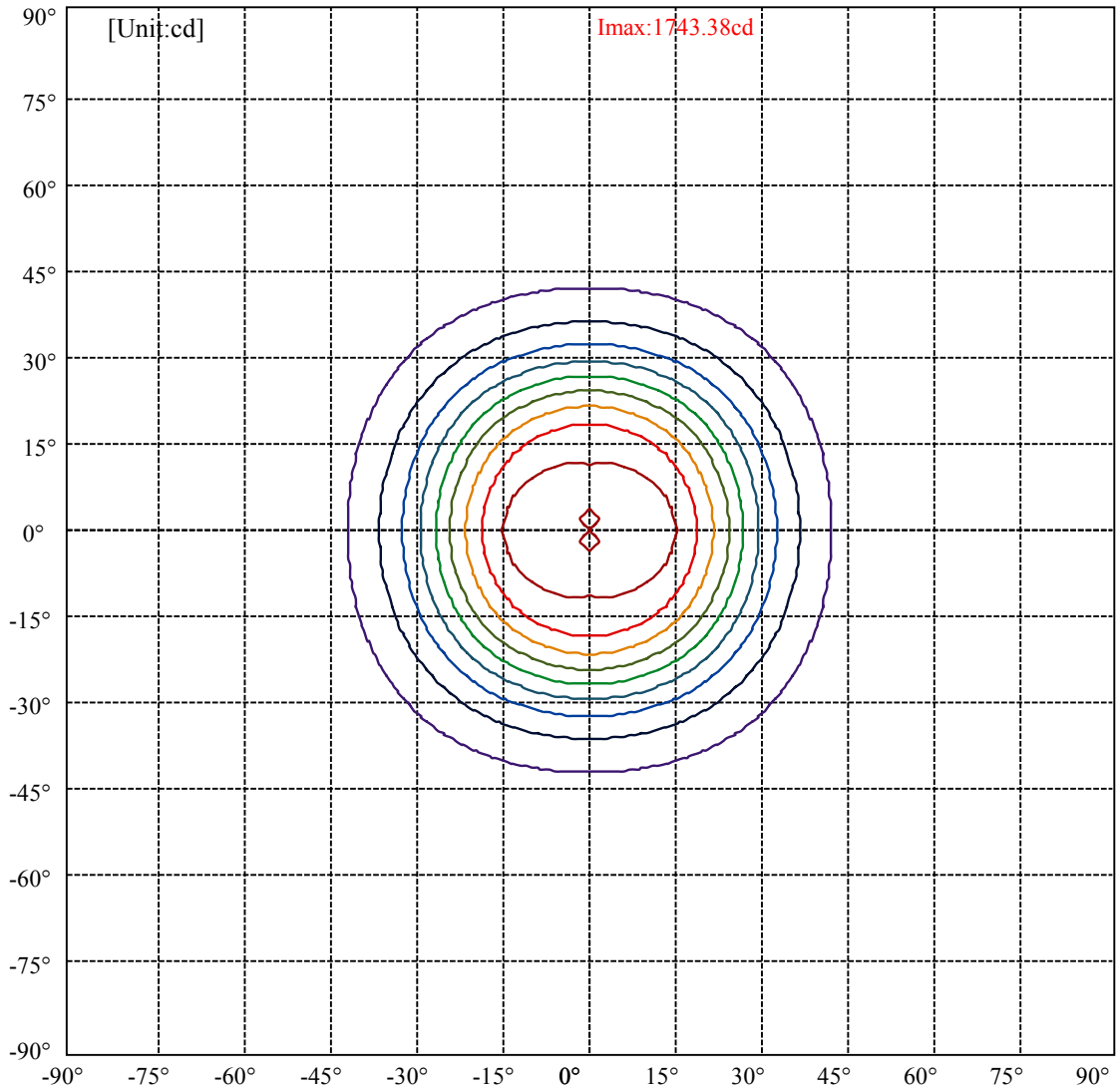
Aveage BeamAngle(IEC 61341):55.35



C0(Max): —
C0/C180: —
C90/C270: —



Max , Ave Beam angle of C0 plane 52.93



(10%Imax) 174.338	—
(20%Imax) 348.677	—
(30%Imax) 523.015	—
(40%Imax) 697.353	—
(50%Imax) 871.692	—
(60%Imax) 1046.03	—
(70%Imax) 1220.37	—
(80%Imax) 1394.71	—
(90%Imax) 1569.04	—

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Luminance Limiting Curve(no luminous side)

Luminance Table

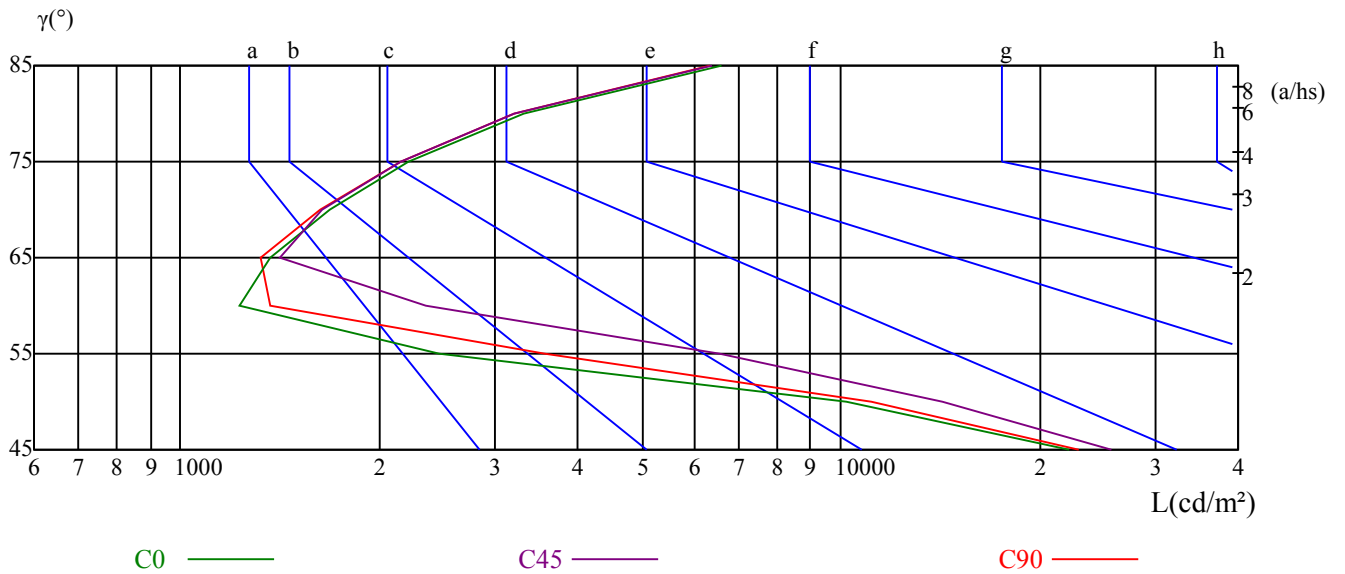
γ	45	50	55	60	65	70	75	80	85
C0	22130	10204	2462	1226	1368	1680	2220	3309	6593
C45	25660	14260	6552	2351	1418	1634	2153	3208	6372
C90	22947	11120	3568	1366	1327	1629	2153	3208	6352

L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
1368	1327	1418	2220	2153	2153	6593	6352	6372

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	19.81	20.79	20.21	21.14	21.51	19.98	20.96	20.38	21.32	21.68
	3H	19.62	20.49	20.04	20.87	21.26	19.79	20.66	20.21	21.04	21.43
	4H	19.53	20.34	19.97	20.73	21.15	19.70	20.51	20.14	20.90	21.32
	6H	19.48	20.21	19.93	20.63	21.08	19.65	20.38	20.10	20.80	21.25
	8H	19.44	20.14	19.90	20.56	21.02	19.60	20.30	20.06	20.73	21.18
	12H	19.42	20.09	19.88	20.52	20.98	19.58	20.25	20.04	20.68	21.14
4H	2H	19.52	20.33	19.96	20.72	21.14	19.70	20.50	20.13	20.90	21.31
	3H	19.31	19.98	19.77	20.41	20.87	19.48	20.15	19.94	20.58	21.04
	4H	19.26	19.84	19.74	20.30	20.80	19.43	20.01	19.90	20.47	20.96
	6H	19.18	19.70	19.69	20.18	20.68	19.35	19.86	19.85	20.35	20.84
	8H	19.19	19.66	19.71	20.15	20.67	19.34	19.81	19.86	20.31	20.83
	12H	19.24	19.67	19.76	20.16	20.72	19.38	19.82	19.90	20.30	20.87
8H	4H	19.08	19.55	19.60	20.05	20.56	19.25	19.72	19.76	20.21	20.73
	6H	19.02	19.41	19.56	19.92	20.48	19.18	19.57	19.72	20.08	20.64
	8H	19.10	19.43	19.67	19.99	20.53	19.25	19.58	19.82	20.13	20.68
	12H	19.22	19.47	19.79	20.02	20.59	19.35	19.61	19.92	20.16	20.72
12H	4H	19.03	19.47	19.56	19.96	20.52	19.20	19.64	19.72	20.12	20.69
	6H	19.02	19.35	19.59	19.91	20.45	19.18	19.51	19.75	20.06	20.60
	8H	19.09	19.34	19.66	19.89	20.46	19.23	19.49	19.81	20.04	20.60
Variation with the observer position at spacings:											
S = 1.0H	4.0/-9.7					4.1/-10.4					
S = 1.5H	6.5/-10.1					6.6/-10.0					
S = 2.0H	8.4/-8.6					8.5/-8.5					
Standard tables:	BK0					BK0					
Uncorrected UGR	0.0					0.0					

依据CIE Publ. 117 计算 UGR, S/H = 0.25