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LumCAT:

Luminaire: mini track diffuse 60 6W 30K

LampCAT: led line 5Wm 30K irc 90 12V

Ballast type:

Report No:

Voltage(V): 221.0000

Test No:

Current(A): 0.0590

Number of Lamps: 1

Power (W): 10.2900

Lamp flux(lm): 630.0

PF: 0.7800

Length(mm): 30

Width(mm): 600

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 285.50, Efficiency(%): 45.32% , Luminous Efficacy(lm/W): 27.74

Central intensity(cd): 96.601, Maximum intensity(cd): 97.505

Angle of maximum intensity: C=90.0 γ =0.0

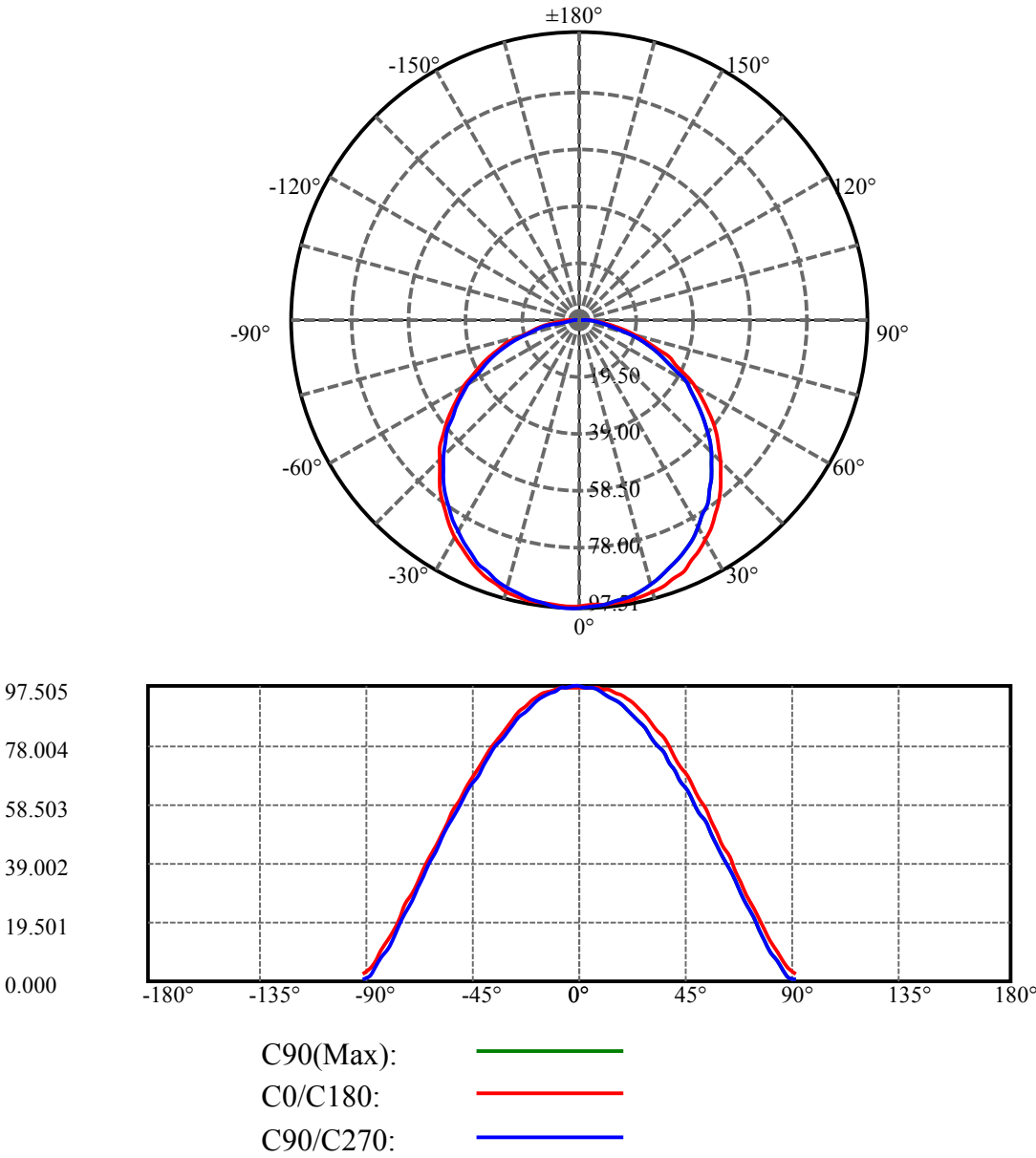
Beam angle of C90 plane : 111.42

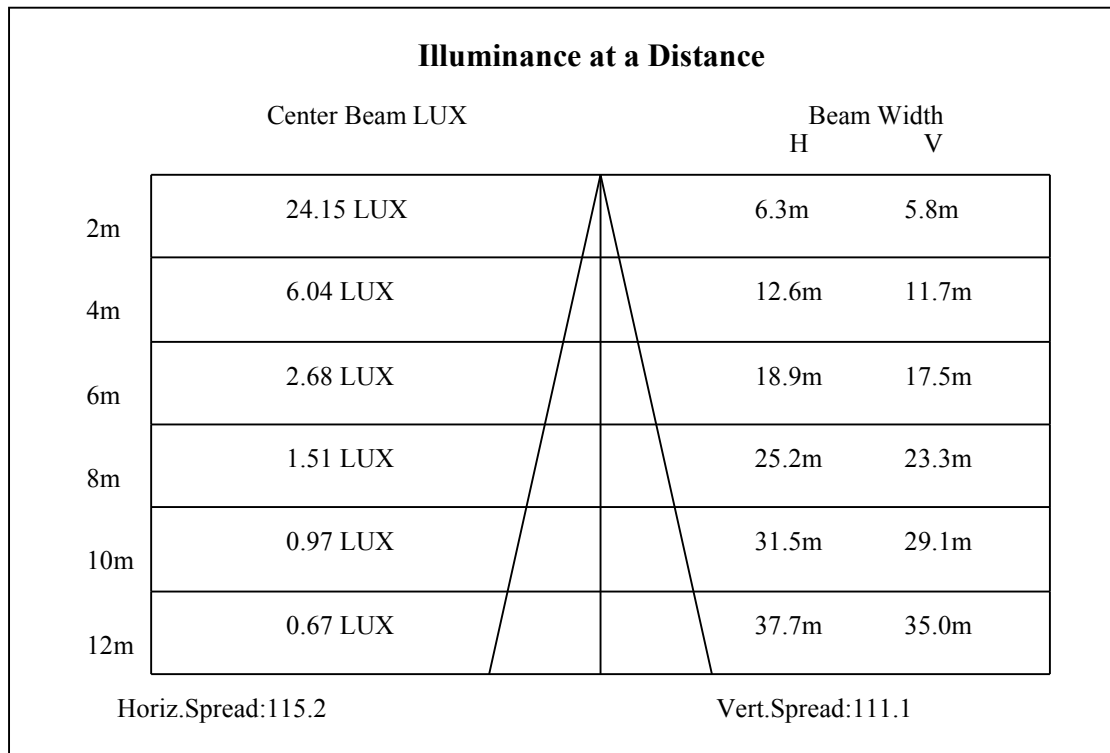
Aveage BeamAngle(IEC 61341):114.36

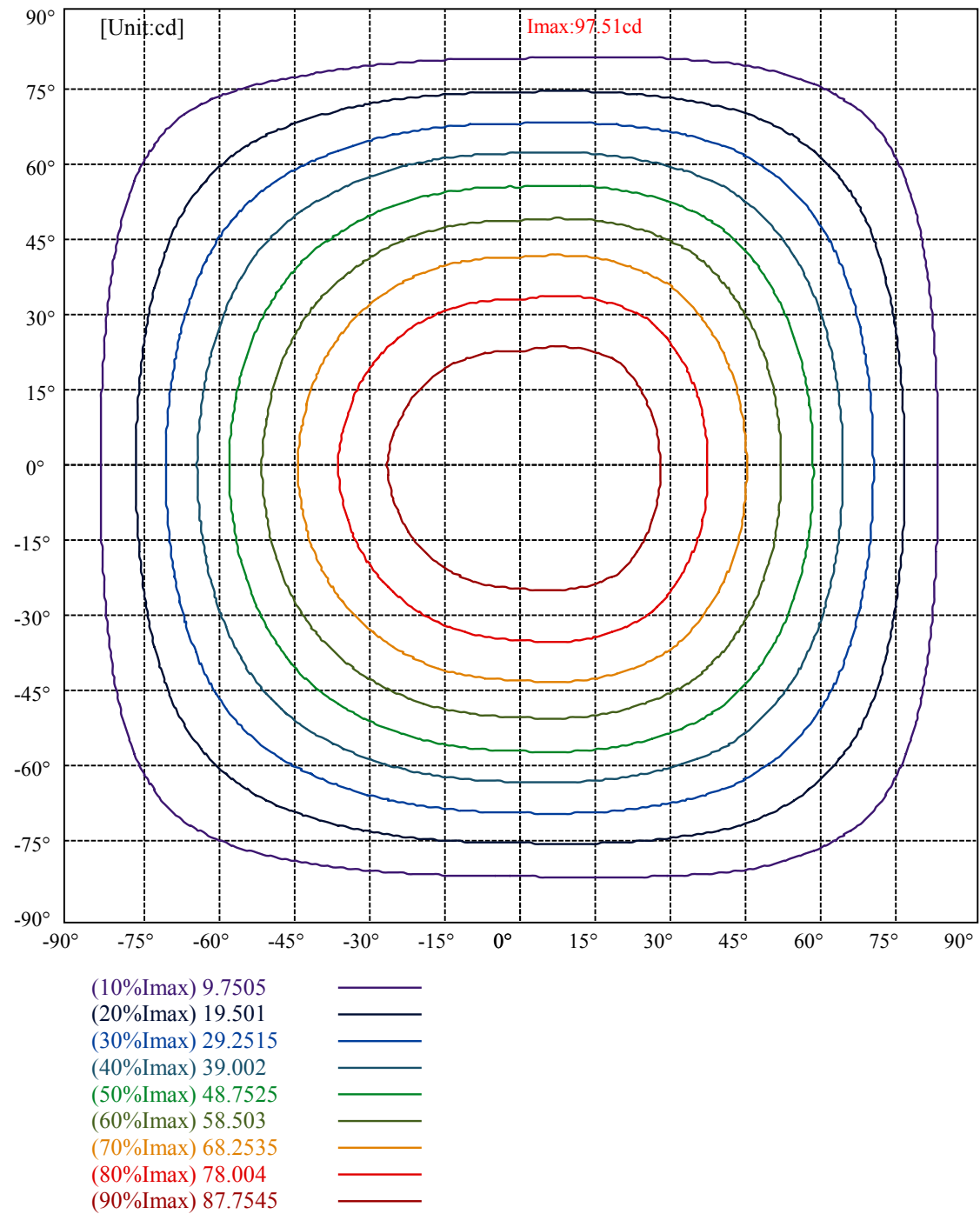
Equipment:
Temperature(°C):

Date: 6/4/2024
Humidity(%): %

Operator:







Equipment:
Temperature(°C):

Date: 6/4/2024
Humidity(%): %

Operator:

Luminance Table

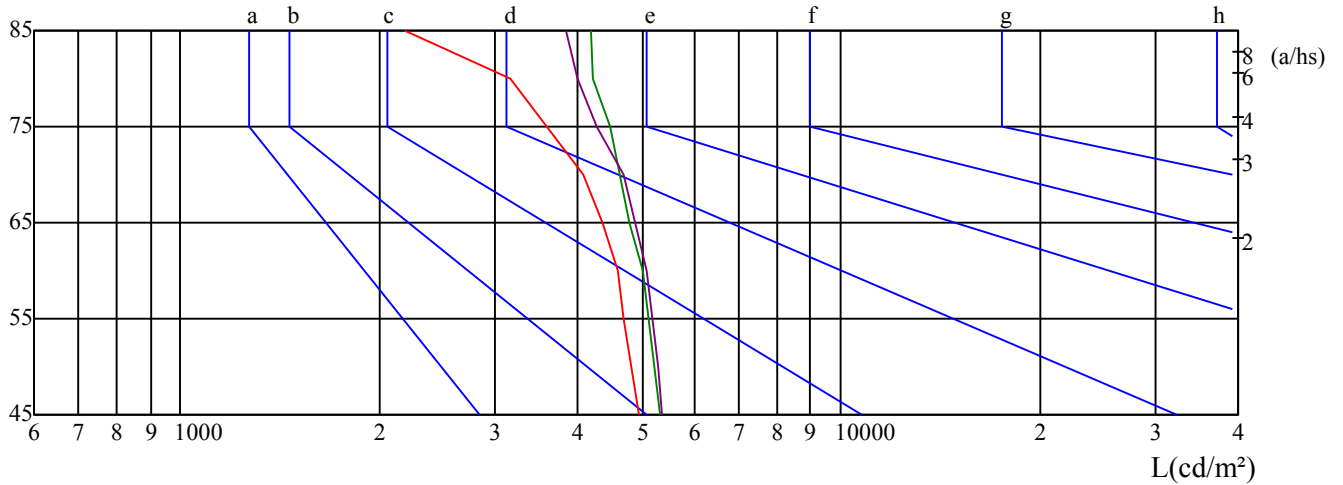
γ	45	50	55	60	65	70	75	80	85
C0	5323	5234	5128	5004	4794	4640	4466	4204	4188
C45	5349	5308	5174	5068	4869	4679	4272	3991	3824
C90	4938	4831	4685	4602	4356	4083	3587	3153	2185

L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
4825	4466	4738	4456	3791	4203	4188	2549	3634

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

 $\gamma(^{\circ})$ 

C0 ———

C45 ———

C90 ———

Equipment:
Temperature($^{\circ}\text{C}$):Date: 6/4/2024
Humidity(%): %

Operator:

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	18.25	19.90	18.61	20.22	20.53	17.91	19.56	18.27	19.87	20.19
	3H	19.98	21.48	20.36	21.81	22.15	19.52	21.02	19.90	21.36	21.70
	4H	20.65	22.07	21.04	22.41	22.77	20.09	21.51	20.48	21.85	22.21
	6H	21.21	22.53	21.61	22.89	23.28	20.52	21.83	20.92	22.20	22.59
	8H	21.39	22.66	21.79	23.03	23.43	20.62	21.89	21.02	22.26	22.66
	12H	21.52	22.74	21.93	23.12	23.53	20.65	21.87	21.07	22.26	22.66
4H	2H	18.98	20.40	19.38	20.75	21.11	18.72	20.13	19.11	20.48	20.84
	3H	20.87	22.07	21.28	22.46	22.86	20.49	21.70	20.91	22.08	22.49
	4H	21.71	22.79	22.15	23.20	23.64	21.23	22.31	21.66	22.72	23.15
	6H	22.36	23.32	22.81	23.75	24.19	21.73	22.69	22.19	23.13	23.57
	8H	22.61	23.51	23.08	23.95	24.41	21.90	22.80	22.37	23.24	23.70
	12H	22.82	23.66	23.29	24.09	24.59	22.00	22.83	22.47	23.27	23.77
8H	4H	22.00	22.90	22.47	23.34	23.80	21.58	22.47	22.04	22.92	23.38
	6H	22.78	23.54	23.27	24.00	24.50	22.22	22.97	22.70	23.43	23.93
	8H	23.17	23.83	23.68	24.34	24.82	22.51	23.17	23.02	23.68	24.16
	12H	23.47	24.03	23.99	24.54	25.04	22.67	23.23	23.18	23.73	24.24
12H	4H	22.03	22.87	22.50	23.30	23.80	21.62	22.46	22.09	22.89	23.39
	6H	22.89	23.56	23.40	24.06	24.55	22.35	23.01	22.86	23.52	24.00
	8H	23.29	23.85	23.80	24.35	24.86	22.65	23.21	23.16	23.71	24.22
Variation with the observer position at spacings:											
S = 1.0H		0.3/-0.6					0.2/-0.7				
S = 1.5H		0.6/-0.7					0.5/-0.6				
S = 2.0H		0.7/-0.8					0.7/-0.7				
Standard tables:		BK4					BKBF				
Uncorrected UGR		4.2					7.6				

依据CIE Publ. 117 计算 UGR, S/H = 0.25