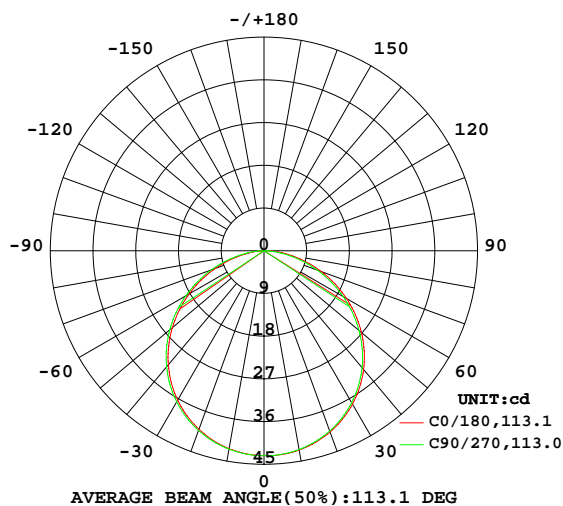


LUMINAIRE PHOTOMETRIC TEST REPORT

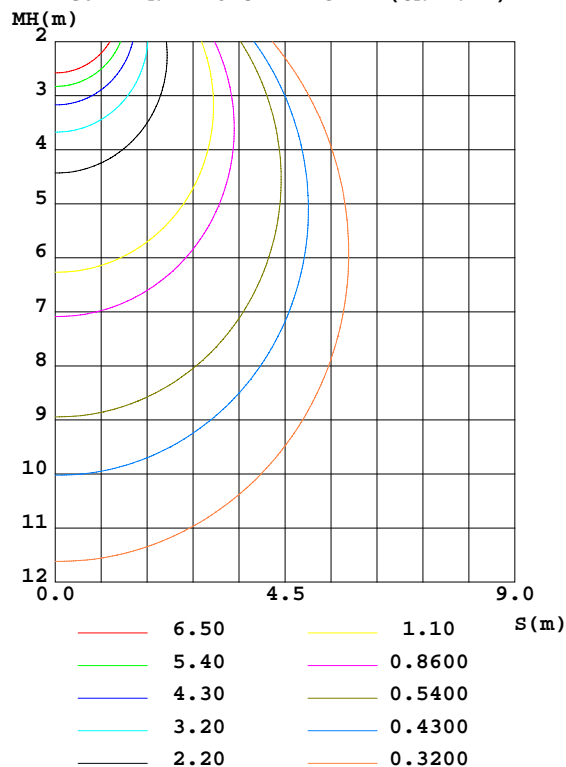
Test:U:24.000V I:0.0640A P:1.5360W PF:1.00 Freq:50.00Hz Lamp Flux:124.95x1 lm		
NAME: LSM-15-30K-24V-HC	TYPE:LED	WEIGHT:9.2g
SPEC.:2870-3045K Ra90	DIM.: 0.3*0.01m	SERIAL No.:
MFR.: CORE LIGHTING	SUR.:0.3*0.01m	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 81.35 lm/W			
MODEL	LSM-15-30K-24V-HC	Imax(cd)	43.19	S/MH(C0/180)	1.25
NOMINAL POWER(W)	1.536	LOR(%)	100.0	S/MH(C90/270)	1.27
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	124.95	η UP,DN(C0-180)	0.1,50.2
NOMINAL FLUX(lm)	124.95	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.1,49.6
LAMPS INSIDE	1	η up(%)	0.3	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	24	η down(%)	99.7	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25DEG
Operators:
Test Date:2021-02-01

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:6.017m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

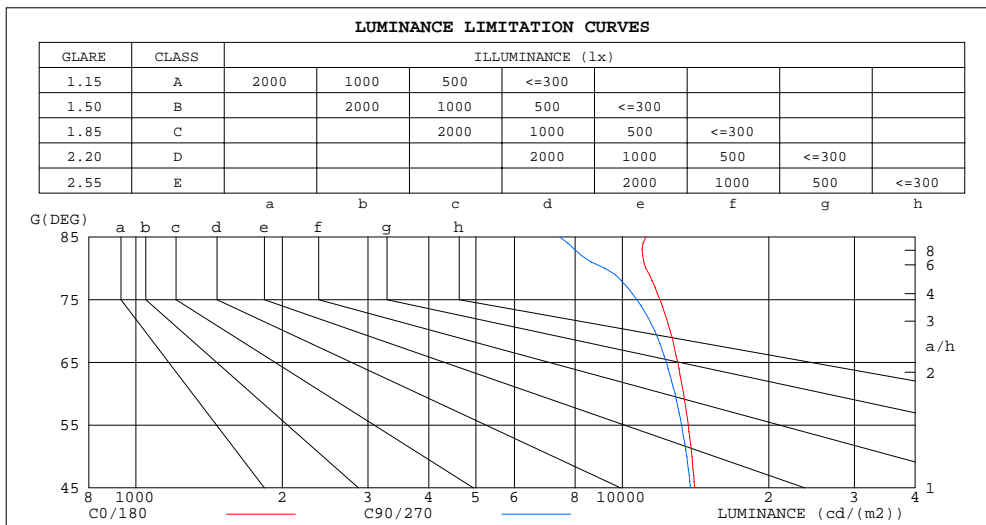
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	lum, lamp
10	42.63	42.63	42.52	42.33	42.34	42.33	42.45	42.62	0- 10	4.089	4.089	3.27,3.27
20	40.65	40.67	40.44	40.07	40.04	40.04	40.29	40.62	10- 20	11.74	15.83	12.7,12.7
30	37.30	37.32	36.95	36.38	36.36	36.37	36.76	37.27	20- 30	17.87	33.70	27,27
40	32.64	32.66	32.16	31.39	31.35	31.39	31.91	32.60	30- 40	21.63	55.33	44.3,44.3
50	26.82	26.83	26.17	25.21	25.21	25.28	25.94	26.79	40- 50	22.47	77.80	62.3,62.3
60	20.06	20.04	19.26	18.17	18.21	18.30	19.02	20.01	50- 60	20.23	98.03	78.5,78.5
70	12.87	12.81	11.97	10.83	10.89	10.99	11.77	12.81	60- 70	15.34	113.4	90.7,90.7
80	5.821	5.762	4.793	3.898	3.965	4.083	4.774	5.733	70- 80	8.750	122.1	97.7,97.7
90	0.7556	0.7471	0.0417	0.1210	0.0869	0.1799	0.0721	0.6473	80- 90	2.492	124.6	99.7,99.7
100	0.0374	0.0457	0.0291	0.0436	0.0312	0.0291	0.0270	0.0497	90-100	0.1072	124.7	99.8,99.8
110	0.0374	0.0353	0.0291	0.0353	0.0332	0.0312	0.0332	0.0312	100-110	0.0345	124.8	99.8,99.8
120	0.0374	0.0353	0.0435	0.0415	0.0415	0.0395	0.0415	0.0415	110-120	0.0343	124.8	99.9,99.9
130	0.0374	0.0456	0.0457	0.0457	0.0499	0.0478	0.0478	0.0478	120-130	0.0363	124.8	99.9,99.9
140	0.0540	0.0498	0.0561	0.0561	0.0561	0.0561	0.0561	0.0581	130-140	0.0392	124.9	99.9,99.9
150	0.0540	0.0519	0.0582	0.0561	0.0623	0.0581	0.0623	0.0623	140-150	0.0359	124.9	100,100
160	0.0561	0.0519	0.0582	0.0561	0.0623	0.0581	0.0623	0.0623	150-160	0.0270	124.9	100,100
170	0.0561	0.0519	0.0582	0.0561	0.0623	0.0581	0.0623	0.0623	160-170	0.0166	124.9	100,100
180	0.0602	0.0561	0.0582	0.0561	0.0602	0.0581	0.0623	0.0623	170-180	0.0056	125.0	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25DEG
Operators:
Test Date:2021-02-01

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:6.017m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:24.000V I:0.0640A P:1.5360W PF:1.00 Freq:50.00Hz Lamp Flux:124.95x1 lm		
NAME: LSM-15-30K-24V-HC	TYPE:LED	WEIGHT:9.2g
SPEC.:2870-3045K Ra90	DIM.: 0.3*0.01m	SERIAL No.:
MFR.: CORE LIGHTING	SUR.:0.3*0.01m	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	11185	7433
80	11173	9201
75	11951	10708
70	12545	11664
65	13006	12328
60	13370	12838
55	13662	13234
50	13908	13571
45	14083	13813

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25DEG
Operators:
Test Date:2021-02-01

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:6.017m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:24.000V I:0.0640A P:1.5360W PF:1.00 Freq:50.00Hz Lamp Flux:124.95x1 lm		
NAME: LSM-15-30K-24V-HC	TYPE:LED	WEIGHT:9.2g
SPEC.:2870-3045K Ra90	DIM.: 0.3*0.01m	SERIAL No.:
MFR.: CORE LIGHTING	SUR.:0.3*0.01m	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0	
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
ρfc	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.311	.177	.056	.304	.173	.055	.291	.167	.053	.278	.160	.051	.267	.155	.050		
2.0	.292	.160	.049	.286	.158	.049	.274	.153	.047	.263	.148	.046	.253	.143	.045		
3.0	.271	.144	.043	.265	.142	.043	.254	.138	.042	.245	.134	.041	.236	.131	.040		
4.0	.250	.130	.038	.245	.128	.038	.235	.125	.037	.227	.122	.037	.219	.119	.036		
5.0	.231	.118	.034	.226	.116	.034	.218	.114	.033	.210	.111	.033	.203	.109	.033		
6.0	.214	.107	.031	.210	.106	.031	.203	.104	.030	.196	.102	.030	.189	.100	.030		
7.0	.199	.098	.028	.196	.097	.028	.189	.096	.028	.183	.094	.027	.177	.092	.027		
8.0	.186	.091	.026	.183	.090	.025	.177	.088	.025	.171	.087	.025	.166	.085	.025		
9.0	.174	.084	.024	.171	.084	.023	.166	.082	.023	.161	.081	.023	.156	.079	.023		
10.0	.164	.079	.022	.161	.078	.022	.157	.077	.022	.152	.075	.021	.148	.074	.021		

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.193	.193	.193	.165	.165	.165	.112	.112	.112	.065	.065	.065	.021	.021	.021	
1.0	.182	.158	.136	.156	.136	.117	.107	.093	.081	.061	.054	.047	.020	.017	.015	
2.0	.174	.134	.100	.149	.115	.086	.102	.080	.060	.059	.046	.035	.019	.015	.012	
3.0	.167	.116	.076	.143	.100	.066	.098	.070	.046	.057	.041	.027	.018	.013	.009	
4.0	.159	.103	.060	.136	.089	.052	.094	.062	.037	.054	.036	.022	.017	.012	.007	
5.0	.152	.093	.049	.130	.080	.043	.090	.056	.030	.052	.033	.018	.017	.011	.006	
6.0	.144	.084	.041	.124	.073	.036	.086	.051	.025	.050	.030	.015	.016	.010	.005	
7.0	.138	.077	.035	.118	.067	.031	.082	.047	.022	.048	.028	.013	.015	.009	.004	
8.0	.131	.072	.031	.113	.062	.027	.078	.044	.019	.045	.026	.011	.015	.008	.004	
9.0	.125	.067	.027	.108	.058	.024	.075	.041	.017	.043	.024	.010	.014	.008	.003	
10.0	.119	.062	.025	.103	.054	.021	.071	.038	.015	.042	.023	.009	.014	.007	.003	

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25DEG
Operators:
Test Date:2021-02-01

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:6.017m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:24.000V I:0.0640A P:1.5360W PF:1.00 Freq:50.00Hz Lamp Flux:124.95x1 lm											
NAME: LSM-15-30K-24V-HC					TYPE:LED			WEIGHT:9.2g			
SPEC.:2870-3045K Ra90					DIM.: 0.3*0.01m			SERIAL No.:			
MFR.: CORE LIGHTING					SUR.:0.3*0.01m			Shielding Angle:			
ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3	
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3	
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
Room dimensions		Viewed crosswise					Viewed endwise				
x = 2H y = 2H	29.3	30.9	29.6	31.1	31.3	29.2	30.7	29.5	30.9	31.1	
	3H	31.0	32.4	31.3	32.6	32.8	30.7	32.1	31.0	32.4	32.6
	4H	31.6	33.0	31.9	33.2	33.5	31.3	32.7	31.6	32.9	33.2
	6H	32.1	33.4	32.5	33.7	33.9	31.7	33.0	32.1	33.3	33.6
	8H	32.3	33.5	32.6	33.8	34.1	31.8	33.1	32.2	33.3	33.6
	12H	32.4	33.6	32.8	33.9	34.2	31.9	33.1	32.3	33.4	33.7
4H	2H	30.0	31.3	30.3	31.6	31.8	29.9	31.2	30.2	31.5	31.7
	3H	31.8	32.9	32.1	33.2	33.6	31.6	32.8	31.9	33.1	33.4
	4H	32.6	33.6	33.0	34.0	34.3	32.3	33.4	32.7	33.7	34.1
	6H	33.2	34.2	33.6	34.5	34.9	32.9	33.8	33.3	34.2	34.5
	8H	33.5	34.3	33.9	34.7	35.1	33.0	33.9	33.4	34.3	34.7
	12H	33.7	34.5	34.1	34.9	35.3	33.1	33.9	33.6	34.3	34.7
8H	4H	32.9	33.7	33.3	34.1	34.5	32.6	33.5	33.1	33.9	34.3
	6H	33.7	34.4	34.1	34.8	35.3	33.3	34.1	33.8	34.5	34.9
	8H	34.0	34.7	34.5	35.1	35.6	33.6	34.3	34.1	34.7	35.2
	12H	34.3	34.9	34.8	35.3	35.8	33.8	34.4	34.3	34.8	35.3
12H	4H	32.9	33.7	33.3	34.1	34.5	32.7	33.5	33.1	33.9	34.3
	6H	33.7	34.4	34.2	34.8	35.3	33.4	34.1	33.9	34.5	35.0
	8H	34.1	34.7	34.6	35.2	35.6	33.7	34.3	34.2	34.8	35.2
Variations with the observer position at spacings:											
S = 1.0H	+ 0.1 / - 0.2					+ 0.2 / - 0.2					
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3					
2.0H	+ 0.1 / - 0.3					+ 0.2 / - 0.3					

CIE Pub.117, 124.9 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = -7.2$)

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25DEG
Operators:
Test Date:2021-02-01

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:6.017m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:24.000V I:0.0640A P:1.5360W PF:1.00 Freq:50.00Hz Lamp Flux:124.95x1 lm		
NAME: LSM-15-30K-24V-HC	TYPE:LED	WEIGHT:9.2g
SPEC.:2870-3045K Ra90	DIM.: 0.3*0.01m	SERIAL No.:
MFR.: CORE LIGHTING	SUR.:0.3*0.01m	Shielding Angle:

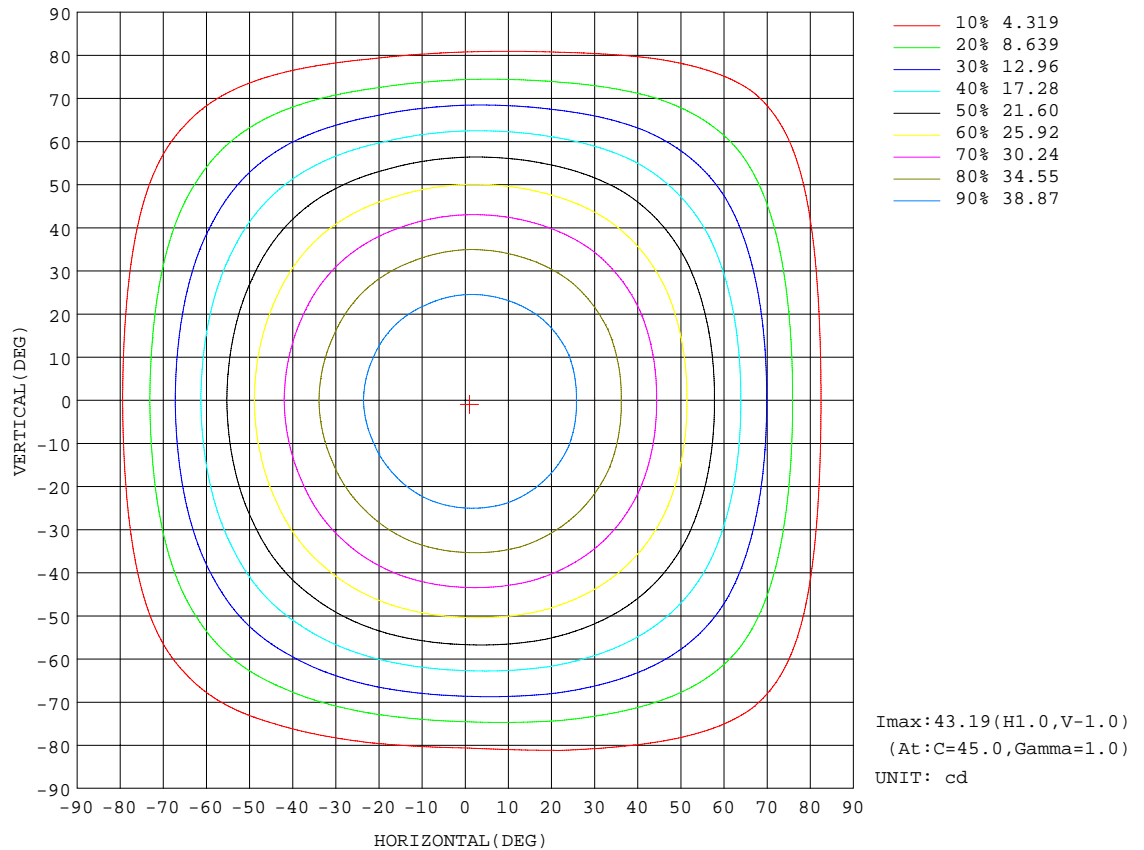
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	57	46	39	57	45	39	55	45	38	32
0.80	67	56	48	66	55	48	65	54	48	41
1.00	76	65	57	75	64	57	72	65	56	49
1.25	83	72	65	81	72	65	79	70	64	57
1.50	88	78	71	86	77	70	83	75	69	62
2.00	95	86	80	93	85	79	89	83	77	69
2.50	99	91	85	97	89	84	93	87	82	74
3.00	102	95	90	100	94	89	96	91	86	78
4.00	106	100	96	104	99	94	99	95	92	83
5.00	109	104	100	106	102	98	101	98	95	86
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004										
Suspended										
SHRNM = 1.25										

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25DEG
Operators:
Test Date:2021-02-01

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 γ Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:6.017m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:24.000V I:0.0640A P:1.5360W PF:1.00 Freq:50.00Hz Lamp Flux:124.95x1 lm		
NAME: LSM-15-30K-24V-HC	TYPE:LED	WEIGHT:9.2g
SPEC.:2870-3045K Ra90	DIM.: 0.3*0.01m	SERIAL No.:
MFR.: CORE LIGHTING	SUR.:0.3*0.01m	Shielding Angle:

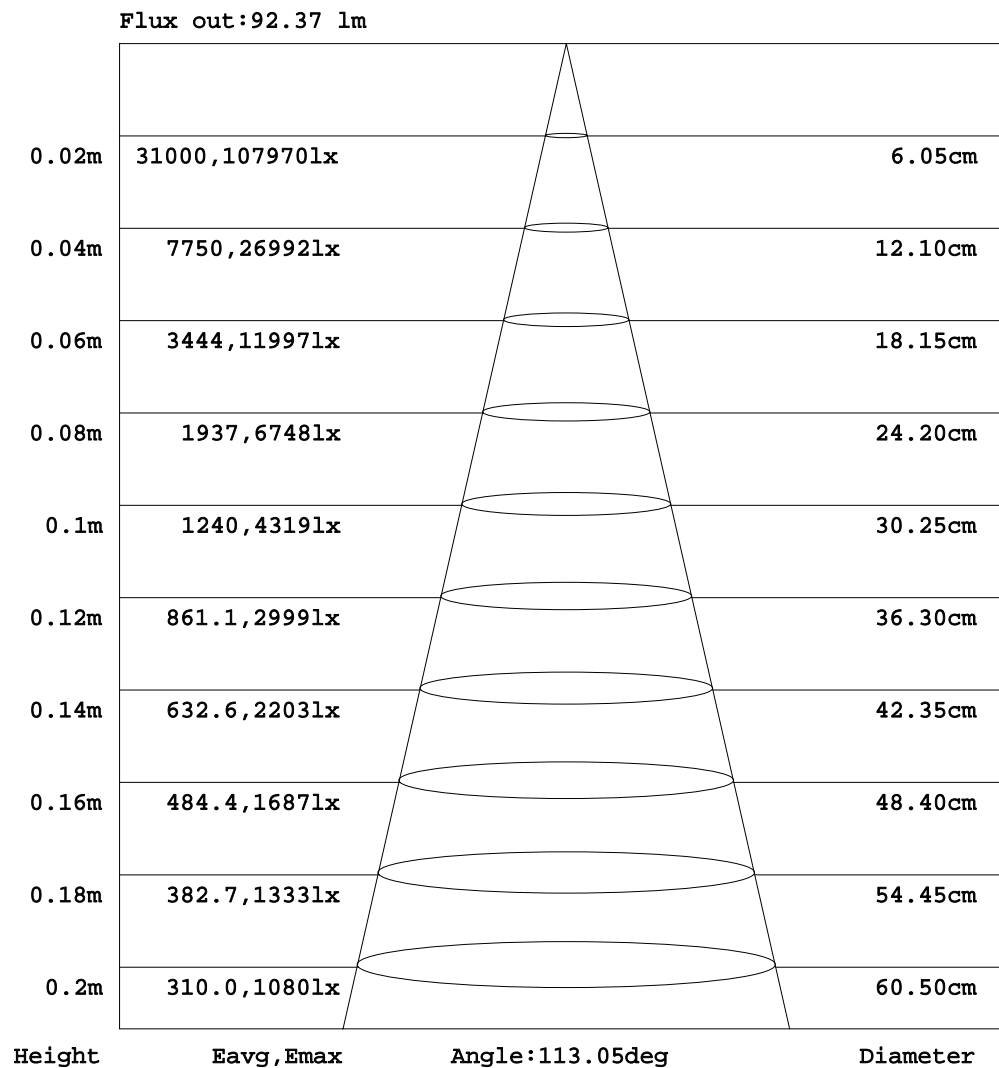


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25DEG
Operators:
Test Date:2021-02-01

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:6.017m [K=1.0000]
Remarks:

AAI Figure

Test:U:24.000V I:0.0640A P:1.5360W PF:1.00 Freq:50.00Hz Lamp Flux:124.95x1 lm		
NAME: LSM-15-30K-24V-HC	TYPE:LED	WEIGHT:9.2g
SPEC.:2870-3045K Ra90	DIM.: 0.3*0.01m	SERIAL No.:
MFR.: CORE LIGHTING	SUR.:0.3*0.01m	Shielding Angle:

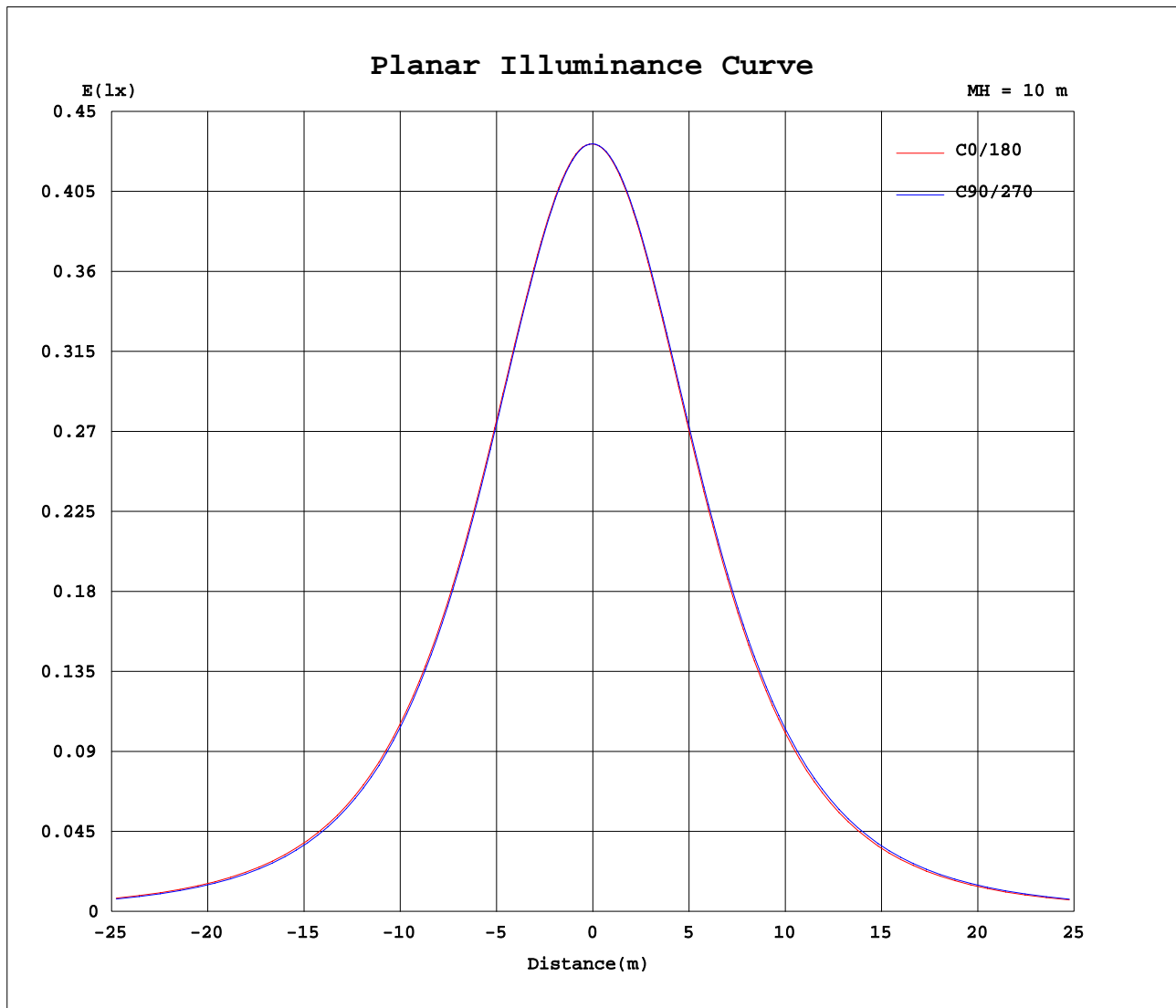


Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:
 Test Date:2021-02-01

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.366
 Humidity:65.0%
 Test Distance:6.017m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25DEG
Operators:
Test Date: 2021-02-01

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.366
Humidity: 65.0%
Test Distance: 6.017m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.000V I:0.0640A P:1.5360W PF:1.00 Freq:50.00Hz Lamp Flux:124.95x1 lm		
NAME: LSM-15-30K-24V-HC	TYPE:LED	WEIGHT:9.2g
SPEC.:2870-3045K Ra90	DIM.: 0.3*0.01m	SERIAL No.:
MFR.: CORE LIGHTING	SUR.:0.3*0.01m	Shielding Angle:

Table--1

UNIT: cd

C(DEC)	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5			
γ (DEC)																			
0	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2			
5	43.1	43.1	43.1	43.1	43.0	43.0	42.9	42.9	42.9	42.9	42.9	43.0	43.0	43.0	43.1	43.1			
10	42.6	42.7	42.6	42.6	42.5	42.5	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.5	42.6	42.7			
15	41.8	41.9	41.8	41.8	41.7	41.6	41.4	41.3	41.4	41.3	41.4	41.4	41.6	41.6	41.8	41.9			
20	40.7	40.7	40.7	40.6	40.4	40.3	40.1	40.0	40.0	40.0	40.0	40.1	40.3	40.4	40.6	40.7			
25	39.1	39.2	39.2	39.1	38.9	38.7	38.4	38.3	38.4	38.3	38.4	38.5	38.7	38.9	39.1	39.3			
30	37.3	37.4	37.3	37.2	36.9	36.7	36.4	36.2	36.4	36.3	36.4	36.5	36.8	37.0	37.3	37.4			
35	35.1	35.3	35.1	35.0	34.7	34.5	34.0	33.9	34.0	33.9	34.1	34.2	34.5	34.7	35.1	35.3			
40	32.6	32.8	32.7	32.5	32.2	31.8	31.4	31.2	31.4	31.2	31.4	31.6	31.9	32.2	32.6	32.8			
45	29.9	30.0	29.9	29.7	29.3	29.0	28.4	28.2	28.4	28.3	28.5	28.6	29.1	29.4	29.8	30.1			
50	26.8	27.0	26.8	26.6	26.2	25.8	25.2	25.0	25.2	25.0	25.3	25.4	25.9	26.3	26.8	27.0			
55	23.5	23.7	23.5	23.3	22.8	22.4	21.7	21.5	21.8	21.6	21.9	22.0	22.6	22.9	23.5	23.7			
60	20.1	20.2	20.0	19.8	19.3	18.8	18.2	17.9	18.2	18.0	18.3	18.5	19.0	19.4	20.0	20.3			
65	16.5	16.7	16.5	16.2	15.6	15.2	14.5	14.3	14.6	14.4	14.7	14.8	15.4	15.8	16.4	16.7			
70	12.9	13.1	12.8	12.6	12.0	11.5	10.8	10.6	10.9	10.7	11.0	11.2	11.8	12.2	12.8	13.1			
75	9.28	9.45	9.21	8.95	8.31	7.87	7.22	7.01	7.28	7.14	7.39	7.62	8.18	8.61	9.20	9.52			
80	5.82	5.99	5.76	5.49	4.79	4.44	3.90	3.73	3.96	3.84	4.08	4.27	4.77	5.15	5.73	6.04			
85	2.92	3.04	2.85	2.60	1.94	1.75	1.38	1.31	1.45	1.40	1.54	1.65	2.02	2.33	2.81	3.10			
90	0.76	0.86	0.75	0.45	0.04	0.18	0.12	0.10	0.09	0.14	0.18	0.19	0.07	0.36	0.65	0.88			
95	0.09	0.10	0.08	0.03	0.03	0.03	0.05	0.04	0.03	0.04	0.04	0.04	0.02	0.04	0.05	0.13			
100	0.04	0.04	0.05	0.03	0.03	0.03	0.04	0.04	0.03	0.04	0.03	0.02	0.03	0.02	0.05	0.03			
105	0.04	0.04	0.04	0.03	0.03	0.03	0.04	0.04	0.03	0.04	0.03	0.02	0.03	0.02	0.03	0.03			
110	0.04	0.04	0.04	0.04	0.03	0.03	0.04	0.04	0.03	0.03	0.03	0.02	0.03	0.02	0.03	0.03			
115	0.04	0.04	0.04	0.04	0.03	0.04	0.04	0.04	0.04	0.03	0.04	0.02	0.04	0.02	0.04	0.03			
120	0.04	0.05	0.04	0.05	0.04	0.05	0.04	0.04	0.04	0.03	0.04	0.02	0.04	0.02	0.04	0.03			
125	0.04	0.05	0.04	0.05	0.04	0.05	0.04	0.04	0.04	0.03	0.04	0.03	0.04	0.02	0.04	0.03			
130	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.03	0.05	0.03	0.05	0.03	0.05	0.06			
135	0.05	0.06	0.05	0.06	0.05	0.05	0.06	0.05	0.05	0.04	0.05	0.03	0.05	0.06	0.05	0.05			
140	0.05	0.06	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.05	0.06	0.05	0.06	0.05	0.06	0.05			
145	0.05	0.06	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.05	0.06	0.05	0.06	0.06	0.06	0.06			
150	0.05	0.06	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.05	0.06	0.06	0.06	0.06	0.06	0.06			
155	0.06	0.06	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.05	0.06	0.06	0.06	0.06	0.06	0.06			
160	0.06	0.06	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.05	0.06	0.06	0.06	0.06	0.06	0.06			
165	0.06	0.06	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.05	0.06	0.06	0.06	0.06	0.06	0.06			
170	0.06	0.06	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.05	0.06	0.06	0.06	0.06	0.06	0.06			
175	0.06	0.06	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.05	0.06	0.06	0.06	0.06	0.06	0.06			
180	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06			

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25DEG
Operators:
Test Date:2021-02-01

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:6.017m [K=1.0000]
Remarks:

Photometric Data Table [cd]

G/C	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0	202.5
0.0	43.18	43.18	43.18	43.18	43.18	43.18	43.18	43.18	43.18	43.18
3.0	43.18	43.16	43.18	43.15	43.15	43.12	43.09	43.06	43.08	43.07
6.0	43.03	43.03	43.03	43.00	42.97	42.92	42.86	42.83	42.85	42.83
9.0	42.75	42.77	42.76	42.72	42.65	42.60	42.48	42.45	42.49	42.45
12.0	42.34	42.38	42.35	42.32	42.21	42.15	41.99	41.95	42.00	41.94
15.0	41.82	41.87	41.83	41.79	41.65	41.56	41.37	41.31	41.38	41.30
18.0	41.15	41.24	41.16	41.13	40.95	40.83	40.62	40.53	40.61	40.55
21.0	40.39	40.45	40.41	40.34	40.16	40.00	39.76	39.65	39.73	39.67
24.0	39.48	39.56	39.51	39.42	39.22	39.02	38.76	38.63	38.74	38.65
27.0	38.45	38.56	38.47	38.39	38.14	37.95	37.63	37.50	37.61	37.50
30.0	37.30	37.42	37.32	37.23	36.95	36.74	36.38	36.24	36.36	36.25
33.0	36.04	36.16	36.06	35.97	35.65	35.42	35.01	34.86	35.01	34.87
36.0	34.64	34.81	34.67	34.59	34.21	33.96	33.53	33.35	33.51	33.37
39.0	33.16	33.30	33.18	33.06	32.69	32.40	31.94	31.74	31.91	31.80
42.0	31.58	31.72	31.60	31.46	31.05	30.73	30.25	30.03	30.23	30.08
45.0	29.88	30.02	29.90	29.73	29.30	28.95	28.44	28.20	28.41	28.25
48.0	28.05	28.21	28.06	27.90	27.42	27.07	26.50	26.27	26.50	26.35
51.0	26.17	26.33	26.18	25.99	25.50	25.11	24.53	24.27	24.53	24.34
54.0	24.18	24.38	24.18	24.02	23.46	23.07	22.44	22.21	22.48	22.29
57.0	22.13	22.33	22.13	21.94	21.37	20.95	20.31	20.09	20.35	20.18
60.0	20.06	20.21	20.04	19.80	19.26	18.78	18.17	17.90	18.21	18.01
63.0	17.90	18.11	17.87	17.66	17.06	16.62	15.97	15.74	16.04	15.85
66.0	15.75	15.95	15.70	15.50	14.88	14.44	13.76	13.54	13.83	13.66
69.0	13.60	13.76	13.54	13.29	12.69	12.21	11.56	11.32	11.62	11.42
72.0	11.43	11.61	11.36	11.13	10.50	10.04	9.367	9.152	9.434	9.237
75.0	9.280	9.447	9.208	8.952	8.314	7.870	7.217	7.011	7.277	7.145
78.0	7.182	7.349	7.124	6.846	6.212	5.759	5.156	4.973	5.248	5.117
81.0	5.195	5.350	5.134	4.858	4.049	3.846	3.341	3.184	3.402	3.306
84.0	3.459	3.573	3.394	3.110	2.424	2.247	1.827	1.740	1.887	1.807
87.0	1.946	2.104	1.906	1.401	1.083	0.9031	0.6808	0.6419	0.7346	0.7212
90.0	0.7556	0.8638	0.7471	0.4493	0.0417	0.1843	0.1210	0.1013	0.0869	0.1399
93.0	0.2380	0.2711	0.2192	0.0889	0.0312	0.0518	0.0521	0.0436	0.0291	0.0604
96.0	0.0647	0.0539	0.0585	0.0270	0.0332	0.0311	0.0478	0.0436	0.0270	0.0374
99.0	0.0374	0.0395	0.0478	0.0270	0.0291	0.0291	0.0457	0.0436	0.0291	0.0374
102.0	0.0374	0.0395	0.0415	0.0312	0.0291	0.0291	0.0395	0.0436	0.0312	0.0353
105.0	0.0374	0.0395	0.0374	0.0332	0.0291	0.0291	0.0374	0.0353	0.0332	0.0353
108.0	0.0374	0.0395	0.0353	0.0353	0.0291	0.0291	0.0353	0.0353	0.0332	0.0353
111.0	0.0374	0.0395	0.0353	0.0374	0.0291	0.0333	0.0353	0.0353	0.0332	0.0332
114.0	0.0374	0.0415	0.0353	0.0395	0.0291	0.0333	0.0436	0.0353	0.0353	0.0332
117.0	0.0374	0.0416	0.0353	0.0395	0.0312	0.0395	0.0436	0.0353	0.0354	0.0332
120.0	0.0374	0.0477	0.0353	0.0457	0.0435	0.0457	0.0415	0.0353	0.0415	0.0332
123.0	0.0374	0.0478	0.0353	0.0457	0.0436	0.0457	0.0436	0.0374	0.0416	0.0332
126.0	0.0374	0.0478	0.0435	0.0498	0.0436	0.0478	0.0436	0.0395	0.0436	0.0332
129.0	0.0374	0.0519	0.0415	0.0498	0.0457	0.0499	0.0436	0.0478	0.0457	0.0332
132.0	0.0394	0.0540	0.0477	0.0519	0.0477	0.0519	0.0539	0.0540	0.0498	0.0332
135.0	0.0519	0.0561	0.0478	0.0561	0.0519	0.0540	0.0581	0.0540	0.0540	0.0353
138.0	0.0561	0.0581	0.0478	0.0561	0.0581	0.0561	0.0561	0.0561	0.0540	0.0436
141.0	0.0540	0.0623	0.0498	0.0582	0.0581	0.0602	0.0561	0.0602	0.0561	0.0498
144.0	0.0540	0.0623	0.0519	0.0602	0.0582	0.0602	0.0561	0.0602	0.0582	0.0478
147.0	0.0540	0.0664	0.0519	0.0602	0.0582	0.0602	0.0561	0.0602	0.0603	0.0519
150.0	0.0540	0.0644	0.0519	0.0602	0.0582	0.0602	0.0561	0.0602	0.0623	0.0519
153.0	0.0561	0.0644	0.0519	0.0602	0.0582	0.0602	0.0561	0.0602	0.0623	0.0519
156.0	0.0561	0.0644	0.0519	0.0602	0.0582	0.0602	0.0561	0.0602	0.0623	0.0540
159.0	0.0561	0.0644	0.0519	0.0602	0.0582	0.0602	0.0561	0.0602	0.0623	0.0540
162.0	0.0561	0.0644	0.0519	0.0602	0.0582	0.0602	0.0561	0.0602	0.0623	0.0540
165.0	0.0561	0.0644	0.0519	0.0602	0.0582	0.0602	0.0561	0.0602	0.0623	0.0540
168.0	0.0561	0.0644	0.0519	0.0602	0.0582	0.0602	0.0561	0.0602	0.0623	0.0540
171.0	0.0561	0.0644	0.0519	0.0602	0.0582	0.0602	0.0561	0.0602	0.0623	0.0540
174.0	0.0561	0.0644	0.0540	0.0602	0.0582	0.0602	0.0561	0.0602	0.0623	0.0540
177.0	0.0582	0.0644	0.0540	0.0602	0.0582	0.0602	0.0561	0.0602	0.0623	0.0540
180.0	0.0602	0.0644	0.0561	0.0602	0.0582	0.0602	0.0561	0.0602	0.0602	0.0561
G/C	225.0	247.5	270.0	292.5	315.0	337.5				
0.0	43.18	43.18	43.18	43.18	43.18	43.18				
3.0	43.08	43.09	43.11	43.14	43.15	43.19				
6.0	42.85	42.86	42.91	42.96	43.00	43.05				
9.0	42.48	42.49	42.59	42.65	42.73	42.78				
12.0	41.99	42.02	42.14	42.21	42.33	42.39				
15.0	41.38	41.39	41.55	41.65	41.80	41.87				
18.0	40.61	40.66	40.83	40.96	41.14	41.22				
21.0	39.73	39.81	39.99	40.16	40.34	40.47				
24.0	38.74	38.81	39.04	39.21	39.44	39.57				
27.0	37.61	37.70	37.96	38.14	38.42	38.55				
30.0	36.37	36.48	36.76	36.97	37.27	37.42				

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25DEG
Operators:
Test Date: 2021-02-01

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.366
Humidity: 65.0%
Test Distance: 6.017m [K=1.0000]
Remarks:

Photometric Data Table [cd]

33.0	35.03	35.11	35.46	35.67	36.02	36.15
36.0	33.54	33.65	34.01	34.25	34.62	34.78
39.0	31.94	32.11	32.45	32.74	33.12	33.32
42.0	30.27	30.42	30.82	31.12	31.53	31.75
45.0	28.46	28.62	29.06	29.37	29.83	30.05
48.0	26.55	26.74	27.20	27.54	28.01	28.26
51.0	24.60	24.75	25.27	25.60	26.14	26.36
54.0	22.55	22.71	23.25	23.61	24.17	24.39
57.0	20.43	20.61	21.14	21.54	22.10	22.36
60.0	18.30	18.46	19.02	19.39	20.01	20.26
63.0	16.13	16.30	16.87	17.26	17.87	18.14
66.0	13.92	14.13	14.68	15.10	15.70	16.01
69.0	11.73	11.91	12.50	12.88	13.53	13.80
72.0	9.542	9.725	10.33	10.72	11.36	11.63
75.0	7.392	7.618	8.176	8.606	9.199	9.524
78.0	5.367	5.575	6.109	6.522	7.112	7.424
81.0	3.520	3.705	4.172	4.548	5.102	5.413
84.0	1.978	2.101	2.517	2.836	3.321	3.634
87.0	0.8094	0.8981	1.157	1.429	1.852	2.090
90.0	0.1799	0.1881	0.0721	0.3599	0.6473	0.8752
93.0	0.0662	0.0791	0.0229	0.0459	0.1343	0.2750
96.0	0.0311	0.0374	0.0228	0.0333	0.0438	0.0897
99.0	0.0291	0.0250	0.0270	0.0291	0.0560	0.0354
102.0	0.0291	0.0228	0.0270	0.0249	0.0311	0.0353
105.0	0.0291	0.0228	0.0291	0.0249	0.0291	0.0312
108.0	0.0291	0.0228	0.0312	0.0249	0.0312	0.0312
111.0	0.0353	0.0228	0.0332	0.0249	0.0353	0.0312
114.0	0.0374	0.0228	0.0353	0.0249	0.0333	0.0312
117.0	0.0374	0.0228	0.0374	0.0249	0.0374	0.0332
120.0	0.0395	0.0228	0.0415	0.0249	0.0415	0.0312
123.0	0.0416	0.0270	0.0416	0.0249	0.0436	0.0312
126.0	0.0436	0.0270	0.0437	0.0249	0.0437	0.0353
129.0	0.0478	0.0270	0.0457	0.0249	0.0498	0.0581
132.0	0.0498	0.0270	0.0519	0.0540	0.0498	0.0519
135.0	0.0519	0.0312	0.0540	0.0561	0.0499	0.0519
138.0	0.0540	0.0477	0.0561	0.0540	0.0540	0.0520
141.0	0.0581	0.0478	0.0561	0.0540	0.0561	0.0561
144.0	0.0581	0.0519	0.0623	0.0581	0.0582	0.0561
147.0	0.0581	0.0581	0.0603	0.0561	0.0623	0.0561
150.0	0.0581	0.0561	0.0623	0.0561	0.0623	0.0561
153.0	0.0581	0.0561	0.0623	0.0561	0.0623	0.0561
156.0	0.0581	0.0561	0.0623	0.0561	0.0623	0.0561
159.0	0.0581	0.0561	0.0623	0.0561	0.0623	0.0561
162.0	0.0581	0.0561	0.0623	0.0561	0.0623	0.0561
165.0	0.0581	0.0561	0.0623	0.0561	0.0623	0.0561
168.0	0.0581	0.0561	0.0623	0.0561	0.0623	0.0561
171.0	0.0581	0.0561	0.0623	0.0561	0.0623	0.0561
174.0	0.0581	0.0561	0.0623	0.0561	0.0623	0.0561
177.0	0.0581	0.0561	0.0623	0.0561	0.0623	0.0561
180.0	0.0581	0.0602	0.0623	0.0582	0.0623	0.0582

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25DEG
Operators:
Test Date: 2021-02-01

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.366
Humidity: 65.0%
Test Distance: 6.017m [K=1.0000]
Remarks: