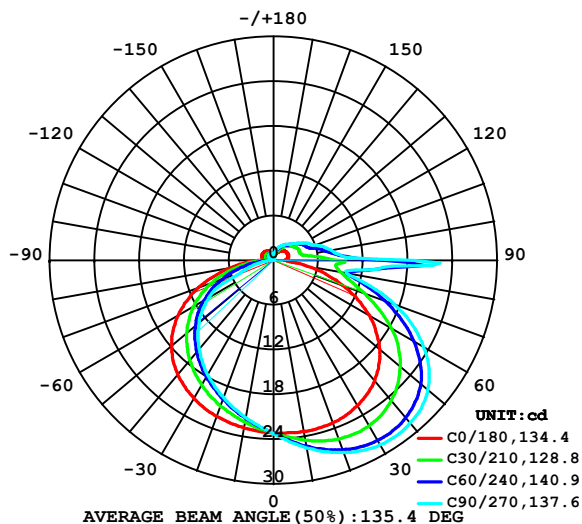


LUMINAIRE PHOTOMETRIC TEST REPORT

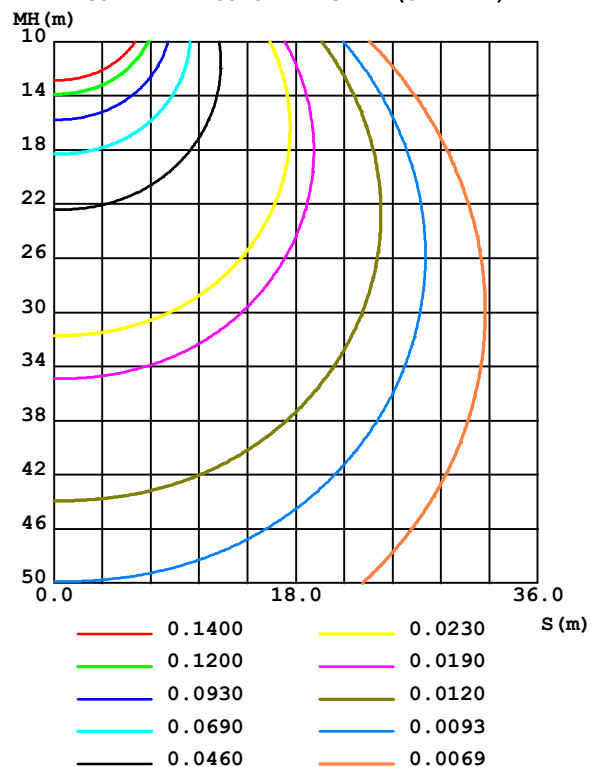
Test:U:4.2000V I:0.4800A P:2.0160W PF:0.9000 Freq:50.00Hz Lamp Flux:107.94lx1 lm		
NAME: Emergency EM2S	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 21cm*16cm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 53.54 lm/W
MODEL	D908S	Imax (cd)	28.72	S/MH (C0/180)	1.38	
NOMINAL POWER(W)		LOR (%)	100.0	S/MH (C90/270)	1.15	
RATED VOLTAGE(V)	4.2	TOTAL FLUX(lm)	107.94	η UP,DN (C0-180)	10.7,51.3	
NOMINAL FLUX(lm)	107.941	CIE CLASS	SEMI-D.	η UP,DN (C180-360)	3.1,34.8	
LAMPS INSIDE	1	η up (%)	13.8	CIBSE SHR NOM	1.50	
TEST VOLTAGE(V)	4.2	η down (%)	86.2	CIBSE SHR MAX	1.55	

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: MEDIUM
Temperature: 25.3°C
Operators:
Test Date: 2023-06-17

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.471
Humidity: 65.0%
Test Distance: 2.506m [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	23.31	24.95	25.51	24.31	22.81	21.75	21.43	22.04	0- 10	2.215	2.215	2.05,2.05
20	23.21	26.35	27.45	25.14	22.30	20.23	19.60	20.86	10- 20	6.573	8.788	8.14,8.14
30	22.52	26.92	28.58	25.17	21.40	18.56	17.72	19.45	20- 30	10.56	19.35	17.9,17.9
40	21.08	26.20	28.52	24.05	20.01	16.65	15.56	17.71	30- 40	13.73	33.08	30.7,30.7
50	18.61	24.12	27.04	21.53	17.87	14.33	13.07	15.52	40- 50	15.56	48.64	45.1,45.1
60	14.85	20.11	23.25	17.42	14.79	11.51	10.07	12.76	50- 60	15.51	64.15	59.4,59.4
70	9.914	14.71	17.30	12.25	10.69	7.991	4.500	9.244	60- 70	13.11	77.27	71.6,71.6
80	4.598	10.96	9.961	8.812	5.969	3.986	1.704	5.136	70- 80	9.004	86.27	79.9,79.9
90	1.544	13.33	18.74	7.890	1.783	0.8475	0.0795	1.574	80- 90	6.755	93.03	86.2,86.2
100	1.919	6.104	7.918	3.915	1.520	0.6328	0.1392	0.9029	90-100	4.184	97.21	90.1,90.1
110	2.055	4.525	6.099	3.613	1.636	0.7716	0.4744	1.076	100-110	2.847	100.1	92.7,92.7
120	2.072	4.088	4.745	3.270	1.780	0.9424	0.7061	1.201	110-120	2.401	102.5	94.9,94.9
130	1.996	3.219	3.524	2.721	1.755	1.073	0.8780	1.273	120-130	1.963	104.4	96.7,96.7
140	1.699	2.620	2.850	2.218	1.649	1.104	1.015	1.260	130-140	1.488	105.9	98.1,98.1
150	1.376	2.099	2.340	1.783	1.453	1.074	1.036	1.177	140-150	1.053	107.0	99.1,99.1
160	1.076	1.545	1.795	1.184	1.008	0.9073	0.9279	0.9995	150-160	0.6383	107.6	99.7,99.7
170	0.7423	0.9630	1.014	0.7039	0.6956	0.5886	0.5964	0.7000	160-170	0.2789	107.9	99.9,99.9
180	0.7223	0.6335	0.5817	0.5955	0.7252	0.6952	0.4886	0.5631	170-180	0.0621	107.9	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 40.739 lm

%lum = 37.7%

%lamp = 37.7%

Conical surface Flux(120deg): 64.153 lm

%lum = 59.4%

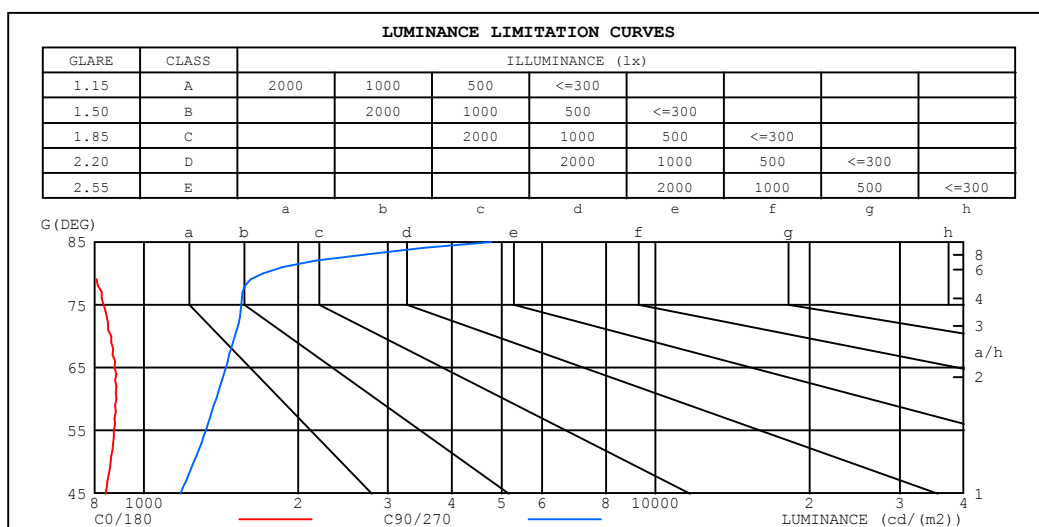
%lamp = 59.4%

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: MEDIUM
 Temperature:25.3°C
 Operators:
 Test Date:2023-06-17

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.471
 Humidity:65.0%
 Test Distance:2.506m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:4.2000V I:0.4800A P:2.0160W PF:0.9000 Freq:50.00Hz Lamp Flux:107.94lx1 lm		
NAME: Emergency EM2S	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 21cm*16cm	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: MEDIUM
Temperature: 25.3°C
Operators:
Test Date: 2023-06-17

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.471
Humidity: 65.0%
Test Distance: 2.506m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:4.2000V I:0.4800A P:2.0160W PF:0.9000 Freq:50.00Hz Lamp Flux:107.94lx1 lm		
NAME: Emergency EM2S	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 21cm*16cm	Shielding Angle:

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						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.369	.210	.067	.358	.204	.065	.337	.193	.062	.317	.183	.059	.299	.173	.056		
2.0	.326	.179	.055	.316	.174	.054	.296	.165	.051	.279	.156	.049	.262	.148	.047		
3.0	.292	.156	.047	.283	.152	.046	.266	.144	.044	.250	.137	.042	.235	.130	.040		
4.0	.265	.138	.040	.257	.134	.040	.241	.128	.038	.226	.122	.037	.213	.116	.035		
5.0	.242	.123	.036	.234	.120	.035	.220	.115	.034	.207	.109	.032	.195	.104	.031		
6.0	.222	.111	.032	.216	.109	.031	.203	.104	.030	.190	.099	.029	.179	.094	.028		
7.0	.205	.102	.029	.199	.099	.028	.187	.095	.027	.176	.090	.026	.166	.086	.025		
8.0	.191	.093	.026	.185	.091	.026	.174	.087	.025	.164	.083	.024	.155	.079	.023		
9.0	.178	.086	.024	.173	.084	.024	.163	.081	.023	.154	.077	.022	.145	.074	.021		
10.0	.167	.080	.022	.162	.078	.022	.153	.075	.021	.144	.072	.020	.136	.068	.020		

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	.296	.296	.296	.253	.253	.253	.173	.173	.173	.099	.099	.099	.032	.032	.032		
1.0	.291	.262	.236	.249	.225	.203	.170	.155	.140	.098	.089	.082	.031	.029	.026		
2.0	.284	.239	.201	.243	.205	.174	.166	.142	.121	.096	.083	.071	.031	.027	.023		
3.0	.276	.222	.179	.237	.191	.155	.163	.133	.109	.094	.078	.064	.030	.025	.021		
4.0	.269	.209	.164	.231	.181	.142	.159	.126	.100	.092	.074	.059	.030	.024	.019		
5.0	.261	.199	.154	.224	.172	.134	.154	.120	.094	.089	.071	.056	.029	.023	.018		
6.0	.254	.191	.146	.218	.166	.128	.151	.116	.090	.087	.068	.054	.028	.022	.018		
7.0	.247	.185	.141	.212	.160	.123	.147	.112	.087	.085	.066	.052	.028	.022	.017		
8.0	.240	.179	.137	.207	.155	.120	.143	.109	.085	.083	.064	.051	.027	.021	.017		
9.0	.234	.174	.134	.202	.151	.117	.140	.106	.083	.081	.063	.049	.026	.021	.016		
10.0	.228	.170	.132	.197	.148	.115	.136	.104	.082	.080	.061	.049	.026	.020	.016		

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: MEDIUM
Temperature:25.3℃
Operators:
Test Date:2023-06-17

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.471
Humidity:65.0%
Test Distance:2.506m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:4.2000V I:0.4800A P:2.0160W PF:0.9000 Freq:50.00Hz Lamp Flux:107.94lx1 lm											
NAME: Emergency EM2S					TYPE:			WEIGHT:			
SPEC.:					DIM.:			SERIAL No.:			
MFR.:					SUR.: 21cm*16cm			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		20.2	21.7	20.7	22.1	22.6	22.1	23.5	22.5	23.9	24.4
3H		21.9	23.2	22.4	23.7	24.2	24.2	25.6	24.7	26.0	26.6
4H		22.6	23.8	23.1	24.3	24.8	25.2	26.5	25.7	26.9	27.5
6H		23.1	24.3	23.6	24.8	25.3	26.0	27.2	26.6	27.7	28.3
8H		23.3	24.4	23.8	24.9	25.5	26.6	27.7	27.1	28.3	28.8
12H		23.4	24.5	23.9	25.0	25.6	27.8	28.9	28.4	29.4	30.0
4H 2H		21.3	22.5	21.8	23.0	23.6	22.6	23.9	23.1	24.4	24.9
3H		23.1	24.2	23.7	24.7	25.3	25.0	26.1	25.5	26.6	27.2
4H		24.0	25.0	24.5	25.5	26.2	26.1	27.1	26.7	27.7	28.3
6H		24.7	25.6	25.3	26.1	26.8	27.1	28.0	27.7	28.6	29.3
8H		24.9	25.8	25.5	26.4	27.0	27.9	28.7	28.5	29.3	30.0
12H		25.1	25.9	25.7	26.5	27.2	29.3	30.1	30.0	30.7	31.4
8H 4H		24.7	25.5	25.3	26.1	26.8	26.4	27.3	27.0	27.9	28.5
6H		25.8	26.5	26.4	27.1	27.9	27.7	28.4	28.4	29.1	29.8
8H		26.3	26.9	27.0	27.6	28.3	28.8	29.4	29.4	30.1	30.8
12H		26.7	27.2	27.3	27.9	28.6	30.7	31.2	31.3	31.9	32.6
12H 4H		24.8	25.6	25.5	26.2	26.9	26.5	27.2	27.1	27.9	28.6
6H		26.2	26.8	26.9	27.5	28.2	27.9	28.6	28.6	29.2	30.0
8H		26.9	27.5	27.6	28.2	28.9	29.2	29.7	29.9	30.4	31.2
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H		+ 0.1 / - 0.2					+ 0.1 / - 0.2				
1.5H		+ 0.2 / - 0.3					+ 0.3 / - 0.3				
2.0H		+ 0.2 / - 0.5					+ 0.3 / - 0.5				

CIE Pub.117, 107.9 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -7.7)
Area: 0.0336 m2

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: MEDIUM
Temperature:25.3°C
Operators:
Test Date:2023-06-17

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.471
Humidity:65.0%
Test Distance:2.506m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:4.2000V I:0.4800A P:2.0160W PF:0.9000 Freq:50.00Hz Lamp Flux:107.94lx1 lm		
NAME: Emergency EM2S	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 21cm*16cm	Shielding Angle:

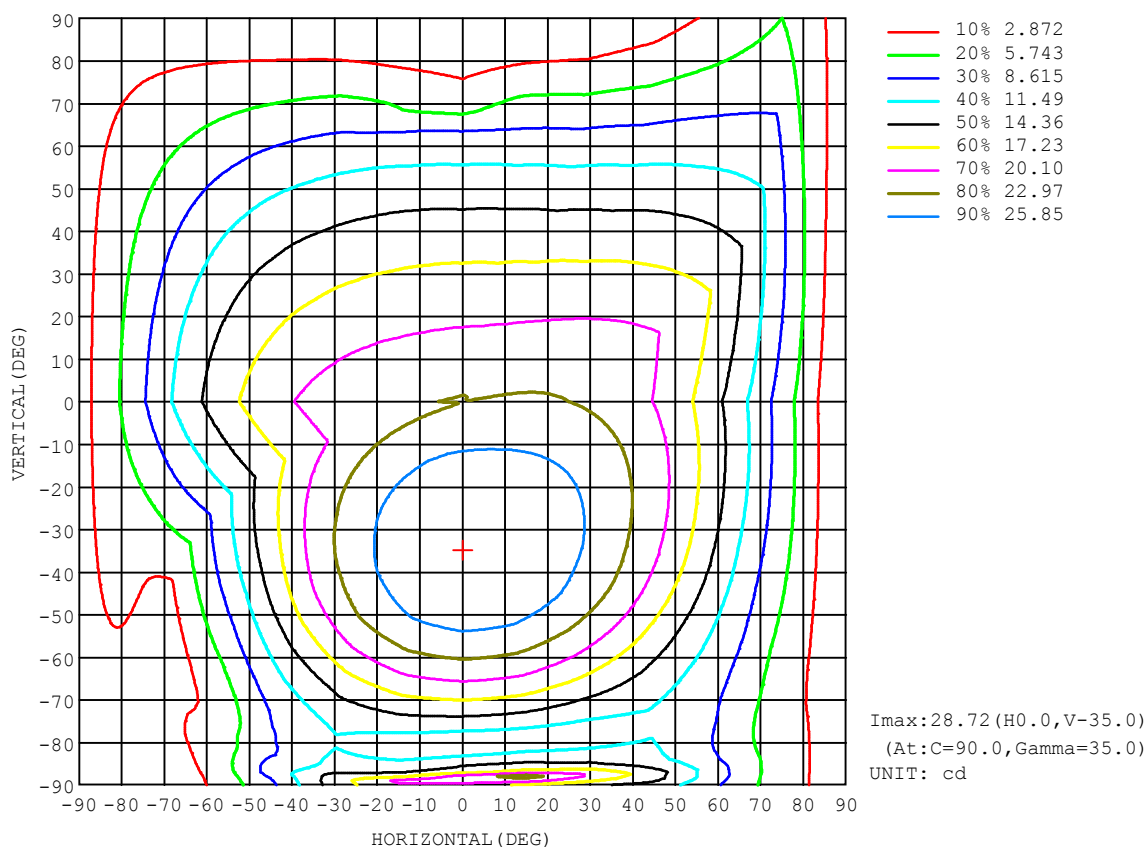
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	49	37	29	48	36	29	46	35	29	22
0.80	59	46	38	57	45	37	54	44	37	29
1.00	67	54	46	65	53	45	61	54	44	36
1.25	74	62	53	72	60	52	68	58	51	42
1.50	79	67	59	76	66	58	72	63	56	46
2.00	86	76	68	83	74	67	78	70	64	53
2.50	91	81	73	88	79	72	82	75	69	57
3.00	94	86	79	91	83	77	85	79	73	61
4.00	99	92	85	95	89	83	89	83	79	66
5.00	102	95	90	98	92	87	91	87	83	69
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHR NOM = 1.25		

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: MEDIUM
 Temperature: 25.3°C
 Operators:
 Test Date: 2023-06-17

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.471
 Humidity: 65.0%
 Test Distance: 2.506m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:4.2000V I:0.4800A P:2.0160W PF:0.9000 Freq:50.00Hz Lamp Flux:107.94lx1 lm		
NAME: Emergency EM2S	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 21cm*16cm	Shielding Angle:

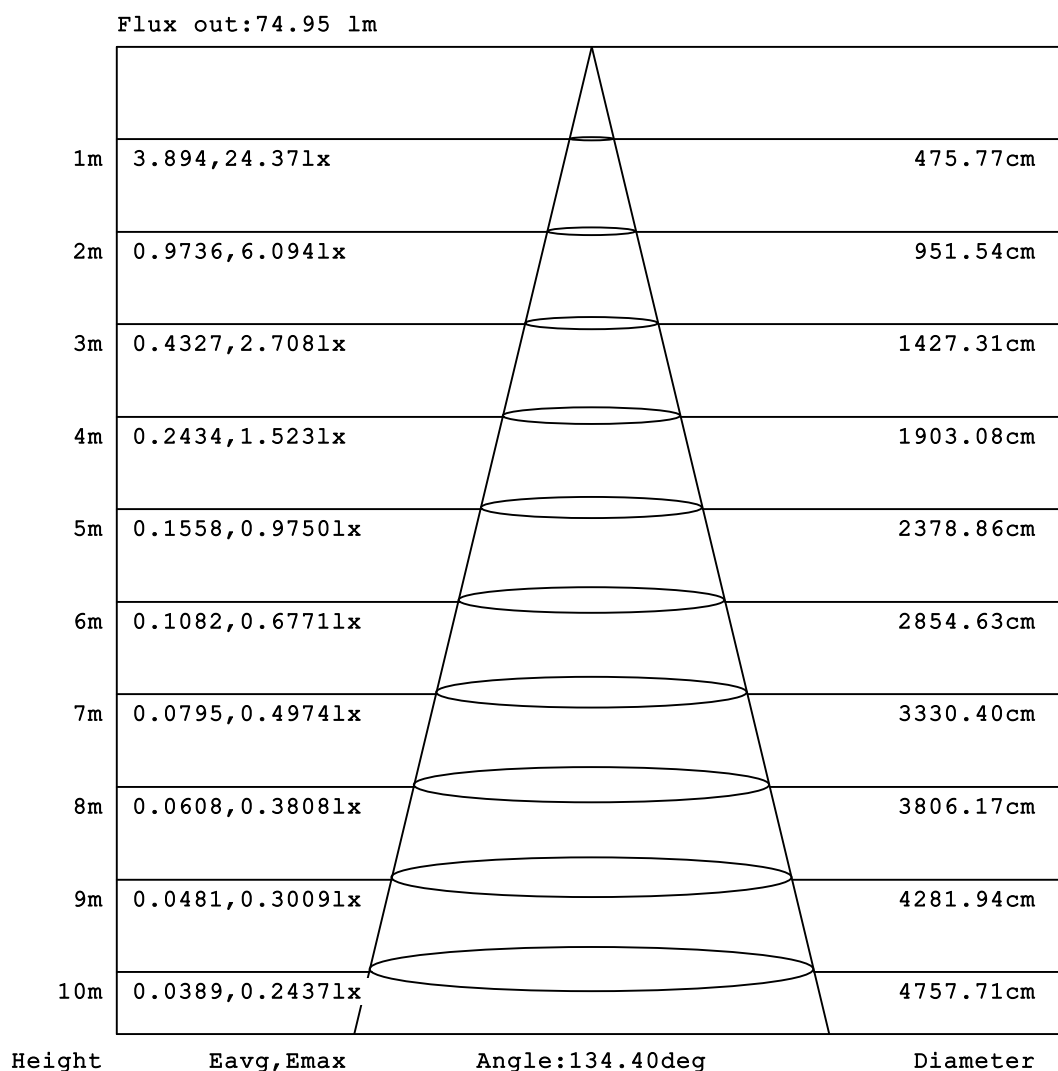


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: MEDIUM
Temperature:25.3°C
Operators:
Test Date:2023-06-17

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.471
Humidity:65.0%
Test Distance:2.506m [K=1.0000]
Remarks:

AAI Figure

Test:U:4.2000V I:0.4800A P:2.0160W PF:0.9000 Freq:50.00Hz Lamp Flux:107.94lx1 lm		
NAME: Emergency EM2S	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 21cm*16cm	Shielding Angle:

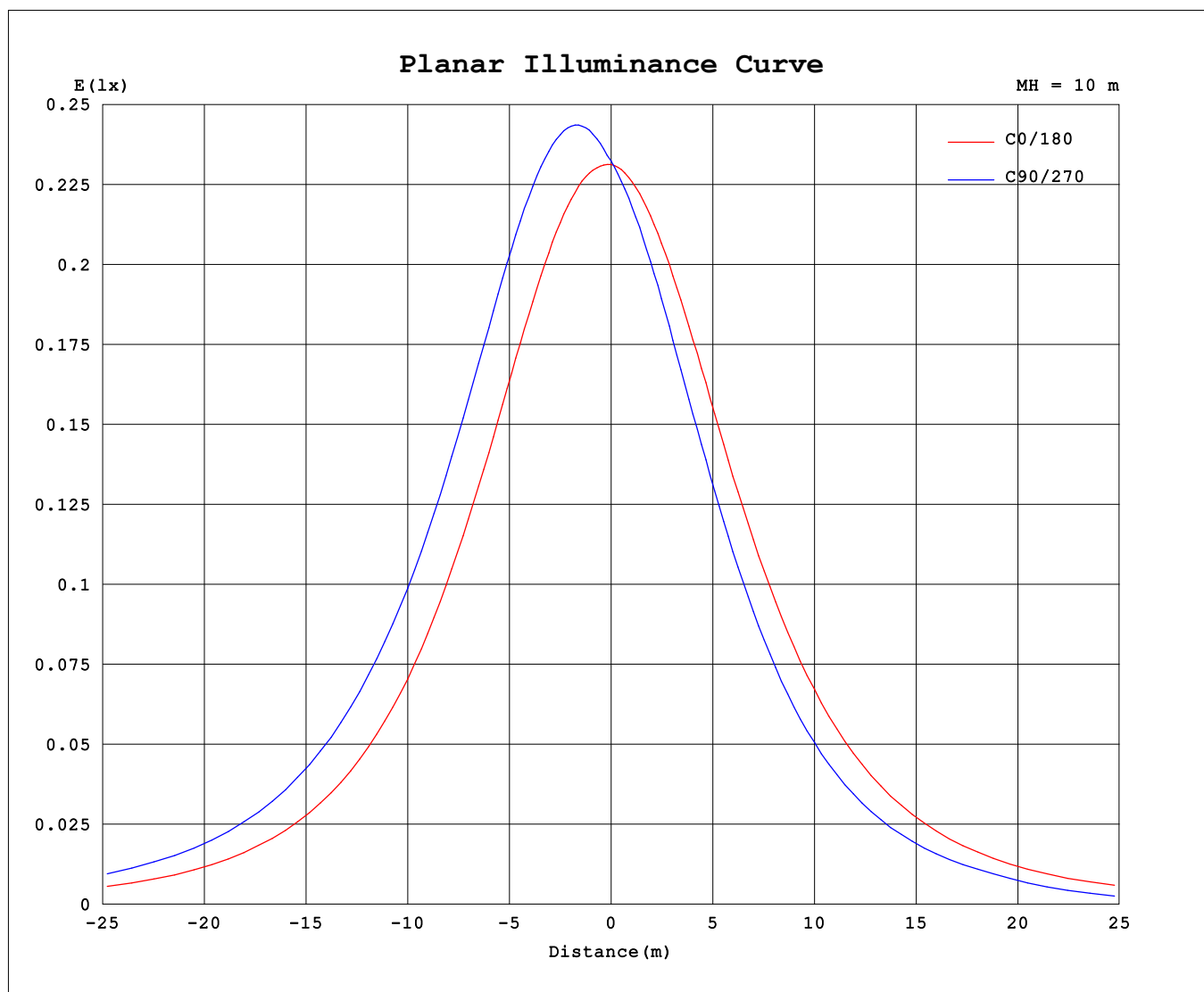


Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: MEDIUM
Temperature:25.3°C
Operators:
Test Date:2023-06-17

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.471
Humidity:65.0%
Test Distance:2.506m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: MEDIUM
Temperature: 25.3°C
Operators:
Test Date: 2023-06-17

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.471
Humidity: 65.0%
Test Distance: 2.506m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:4.2000V I:0.4800A P:2.0160W PF:0.9000 Freq:50.00Hz Lamp Flux:107.94lx1 lm		
NAME: Emergency EM2S	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 21cm*16cm	Shielding Angle:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	23.1	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.1	23.0	22.8	23.1	23.2	23.2	23.2	23.2	23.2	23.2
5	23.2	23.5	23.8	24.1	24.2	24.3	24.4	24.3	24.1	23.7	23.2	22.8	23.0	22.8	22.6	22.5	22.4	22.3	22.3
10	23.3	23.9	24.5	25.0	25.3	25.5	25.5	25.3	24.9	24.3	23.5	22.6	22.8	22.4	22.0	21.7	21.5	21.4	21.4
15	23.3	24.2	25.1	25.7	26.2	26.5	26.5	26.3	25.7	24.8	23.6	22.4	22.6	22.0	21.4	21.0	20.7	20.6	20.5
20	23.2	24.4	25.5	26.3	27.0	27.4	27.4	27.1	26.3	25.1	23.6	21.9	22.3	21.5	20.8	20.2	19.8	19.6	19.6
25	23.0	24.4	25.7	26.8	27.6	28.1	28.1	27.7	26.8	25.3	23.3	21.4	21.9	20.9	20.1	19.4	19.0	18.7	18.7
30	22.5	24.1	25.6	26.9	27.9	28.5	28.6	28.1	27.0	25.2	22.9	20.6	21.4	20.3	19.3	18.6	18.1	17.8	17.7
35	21.9	23.7	25.3	26.7	27.9	28.6	28.7	28.2	26.8	24.8	22.2	19.6	20.8	19.5	18.4	17.6	17.1	16.8	16.7
40	21.1	22.9	24.6	26.2	27.6	28.4	28.5	27.9	26.4	24.1	21.1	18.3	20.0	18.6	17.5	16.6	16.0	15.7	15.6
45	20.0	21.8	23.6	25.3	26.9	27.8	28.0	27.3	25.6	23.0	19.7	16.7	19.1	17.6	16.4	15.5	14.9	14.6	14.4
50	18.6	20.4	22.2	24.1	25.8	26.9	27.0	26.4	24.5	21.5	18.0	14.8	17.9	16.4	15.3	14.3	13.7	13.3	13.1
55	16.8	18.6	20.5	22.4	24.1	25.2	25.5	24.8	22.9	19.7	15.8	12.5	16.5	15.1	13.9	13.0	12.4	11.8	11.6
60	14.9	16.4	18.3	20.1	21.7	22.9	23.2	22.7	20.7	17.4	13.4	10.0	14.8	13.5	12.4	11.5	10.8	10.3	10.1
65	12.5	13.9	15.6	17.4	19.0	20.2	20.5	20.1	18.1	14.8	10.6	7.43	12.9	11.7	10.7	9.84	9.11	8.00	7.49
70	9.91	11.2	13.0	14.7	15.9	17.0	17.3	17.0	15.4	12.2	8.01	4.93	10.7	9.69	8.79	7.99	7.29	5.55	4.50
75	7.25	8.56	10.7	12.4	12.6	13.2	13.5	13.7	13.1	10.2	5.47	2.31	8.32	7.51	6.73	5.99	5.36	4.07	3.07
80	4.60	6.06	9.11	11.0	10.00	10.1	9.96	10.4	11.4	8.81	3.40	1.42	5.97	5.31	4.65	3.99	3.43	2.47	1.70
85	2.17	3.94	8.37	12.0	13.8	14.5	13.9	12.2	12.2	8.43	3.54	1.73	3.78	3.28	2.72	2.14	1.62	1.01	0.71
90	1.54	3.84	8.82	13.3	14.9	16.8	18.7	19.7	15.9	7.89	2.88	1.87	1.78	1.62	1.27	0.85	0.39	0.11	0.08
95	1.81	3.07	5.90	8.34	8.78	9.09	8.96	10.1	9.38	5.39	2.88	1.97	1.29	1.05	0.89	0.63	0.27	0.06	0.06
100	1.92	2.90	4.12	6.10	7.20	8.02	7.92	7.75	6.46	3.91	2.80	2.07	1.52	1.29	0.99	0.63	0.27	0.12	0.14
105	1.99	2.87	3.74	4.87	6.20	7.18	7.08	6.50	5.08	3.71	2.85	2.13	1.60	1.35	1.04	0.69	0.35	0.23	0.29
110	2.05	2.89	3.71	4.52	5.05	5.92	6.10	5.33	4.50	3.61	2.87	2.13	1.64	1.37	1.10	0.77	0.51	0.41	0.47
115	2.09	2.86	3.67	4.31	4.73	5.24	5.36	4.72	4.18	3.43	2.79	2.10	1.73	1.47	1.13	0.87	0.66	0.55	0.60
120	2.07	2.82	3.52	4.09	4.38	4.77	4.75	4.26	3.73	3.27	2.63	2.02	1.78	1.49	1.22	0.94	0.76	0.66	0.71
125	2.05	2.76	3.26	3.61	3.96	4.20	4.07	3.69	3.32	3.03	2.44	1.89	1.77	1.48	1.25	1.02	0.83	0.74	0.78
130	2.00	2.60	3.04	3.22	3.47	3.60	3.52	3.25	2.97	2.72	2.23	1.76	1.75	1.48	1.25	1.07	0.93	0.83	0.88
135	1.87	2.34	2.76	2.88	3.05	3.17	3.13	2.90	2.69	2.48	2.04	1.64	1.72	1.48	1.24	1.10	0.98	0.92	0.96
140	1.70	2.09	2.49	2.62	2.76	2.86	2.85	2.65	2.46	2.22	1.84	1.50	1.65	1.45	1.21	1.10	1.03	0.98	1.01
145	1.56	1.85	2.15	2.37	2.54	2.58	2.61	2.43	2.25	2.00	1.61	1.34	1.57	1.42	1.20	1.09	1.03	1.00	1.03
150	1.38	1.57	1.90	2.10	2.24	2.29	2.34	2.18	2.04	1.78	1.40	1.16	1.45	1.30	1.11	1.07	1.05	1.02	1.04
155	1.21	1.35	1.61	1.84	1.96	2.03	2.06	1.97	1.79	1.51	1.16	0.95	1.22	1.15	1.10	1.04	1.08	1.05	1.06
160	1.08	1.12	1.33	1.54	1.69	1.78	1.80	1.65	1.45	1.18	0.90	0.79	1.01	0.92	0.93	0.91	0.90	0.97	0.93
165	0.93	0.96	1.09	1.24	1.39	1.44	1.39	1.29	1.12	0.90	0.74	0.67	0.81	0.78	0.74	0.75	0.74	0.74	0.75
170	0.74	0.85	0.88	0.96	1.05	1.05	1.01	0.92	0.84	0.70	0.65	0.59	0.70	0.67	0.62	0.59	0.59	0.59	0.60
175	0.63	0.65	0.72	0.78	0.78	0.77	0.74	0.70	0.62	0.58	0.57	0.54	0.59	0.57	0.53	0.47	0.42	0.41	0.39
180	0.72	0.73	0.74	0.63	0.55	0.59	0.58	0.48	0.57	0.60	0.74	0.80	0.73	0.72	0.70	0.70	0.62	0.57	0.49

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: MEDIUM
Temperature:25.3℃
Operators:
Test Date:2023-06-17

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.471
Humidity:65.0%
Test Distance:2.506m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:4.2000V I:0.4800A P:2.0160W PF:0.9000 Freq:50.00Hz Lamp Flux:107.94lx1 lm		
NAME: Emergency EM2S	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 21cm*16cm	Shielding Angle:

Table--2

UNIT: cd

C (DEG) γ (DEG)	285	300	315	330	345													
0	23.2	23.2	23.1	23.0	22.8													
5	22.4	22.5	22.6	22.7	22.8													
10	21.5	21.7	22.0	22.4	22.7													
15	20.7	21.0	21.5	22.0	22.7													
20	19.8	20.2	20.9	21.7	22.5													
25	18.8	19.4	20.2	21.2	22.3													
30	17.9	18.5	19.5	20.7	22.0													
35	16.9	17.5	18.6	20.1	21.7													
40	15.8	16.5	17.7	19.4	21.2													
45	14.6	15.3	16.7	18.5	20.6													
50	13.3	14.1	15.5	17.6	19.8													
55	11.9	12.7	14.2	16.4	18.9													
60	10.3	11.1	12.8	15.1	17.7													
65	8.53	9.35	11.1	13.6	16.3													
70	6.66	7.45	9.24	11.8	14.6													
75	4.68	5.44	7.22	9.83	12.6													
80	2.77	3.47	5.14	7.70	10.5													
85	1.24	1.76	3.17	5.49	8.07													
90	0.37	0.78	1.57	3.43	5.74													
95	0.28	0.61	0.85	1.79	3.48													
100	0.31	0.64	0.90	0.99	1.57													
105	0.45	0.73	1.01	1.22	1.25													
110	0.57	0.84	1.08	1.29	1.45													
115	0.65	0.92	1.15	1.35	1.52													
120	0.74	0.98	1.20	1.45	1.59													
125	0.83	1.04	1.25	1.51	1.69													
130	0.89	1.07	1.27	1.53	1.74													
135	0.95	1.07	1.27	1.56	1.75													
140	0.98	1.08	1.26	1.55	1.77													
145	0.99	1.08	1.23	1.49	1.77													
150	1.01	1.07	1.18	1.42	1.68													
155	1.03	0.98	1.15	1.28	1.48													
160	0.90	0.91	1.00	1.14	1.25													
165	0.83	0.82	0.89	0.98	1.02													
170	0.61	0.60	0.70	0.81	0.90													
175	0.39	0.40	0.38	0.52	0.65													
180	0.45	0.49	0.56	0.60	0.72													

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: MEDIUM
Temperature:25.3℃
Operators:
Test Date:2023-06-17

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.471
Humidity:65.0%
Test Distance:2.506m [K=1.0000]
Remarks: