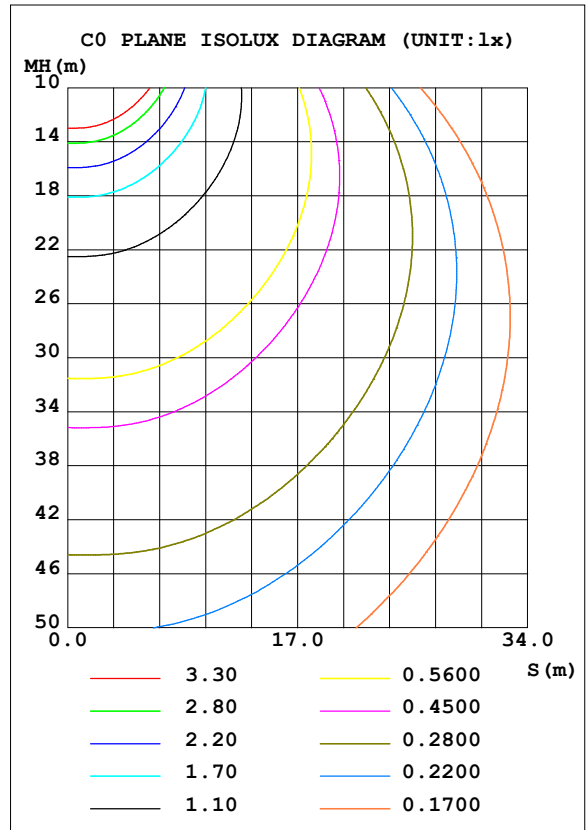
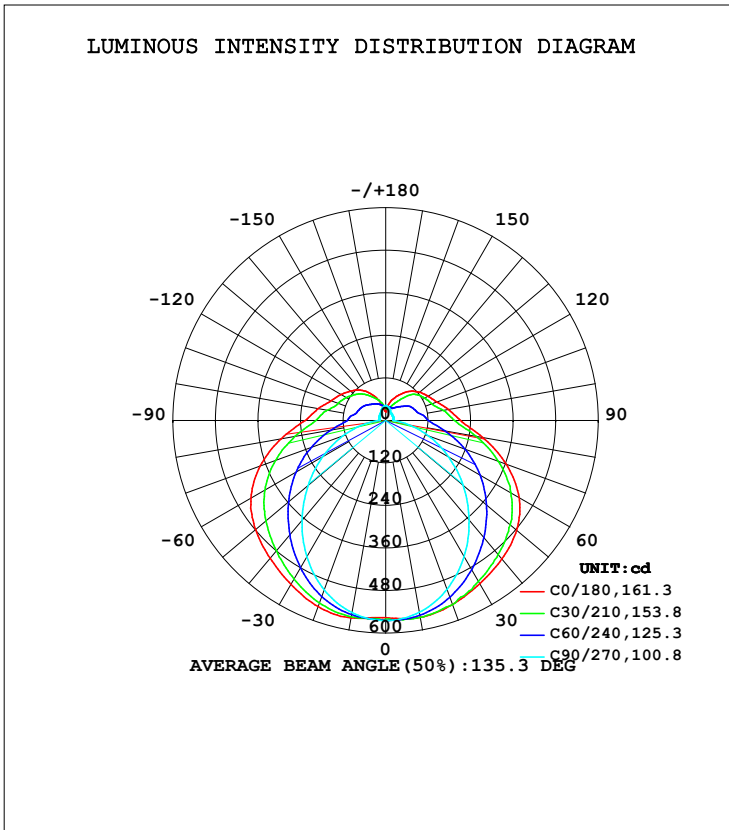


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.5V I:0.2050A P:24.50W PF:0.9870 Freq:60.00Hz Lamp Flux:2668.99x1 lm		
NAME: LVF1S-36-26-95C-MVUD-NS 整灯 3500K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 革星	SUR.:36寸	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 108.94 lm/W			
MODEL		I _{max} (cd)	567.0	S/MH (C0/180)	1.44
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)	1.18
RATED VOLTAGE (V)		TOTAL FLUX (lm)	2669.0	η UP, DN (C0-180)	10.5, 39.2
NOMINAL FLUX (lm)	2668.99	CIE CLASS	SEMI-D.	η UP, DN (C180-360)	10.7, 39.6
LAMPS INSIDE	1	η up (%)	21.2	CIBSE SHR NOM	1.50
TEST VOLTAGE (V)		η down (%)	78.8	CIBSE SHR MAX	1.55



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2024-04-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity: 65.0%
 Test Distance: 7.750m [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	563.8	560.9	549.5	555.5	565.4	559.0	550.4	559.9	0- 10	53.51	53.51	2,2
20	552.7	541.5	506.8	530.7	558.5	538.1	508.3	536.6	10- 20	155.1	208.6	7.82,7.82
30	531.5	504.7	442.8	487.3	534.3	498.8	444.6	497.3	20- 30	238.0	446.6	16.7,16.7
40	510.0	462.4	366.4	434.4	507.5	450.5	367.4	449.5	30- 40	294.7	741.3	27.8,27.8
50	482.2	415.3	285.6	378.0	479.0	399.3	285.7	396.7	40- 50	324.2	1066	39.9,39.9
60	434.4	357.6	204.5	317.7	438.7	343.1	205.3	336.5	50- 60	325.5	1391	52.1,52.1
70	362.3	288.7	129.6	251.9	376.9	277.0	129.1	266.6	60- 70	296.4	1687	63.2,63.2
80	278.0	214.4	62.54	183.4	299.3	208.0	59.93	194.7	70- 80	240.4	1928	72.2,72.2
90	211.3	157.1	21.94	131.5	227.1	152.9	18.97	141.1	80- 90	175.4	2103	78.8,78.8
100	180.2	133.8	20.76	113.1	193.5	130.6	18.32	120.0	90-100	139.0	2242	84,84
110	153.5	113.9	22.43	98.12	163.8	112.7	19.61	103.2	100-110	114.1	2356	88.3,88.3
120	138.1	103.6	23.14	90.07	146.6	103.1	21.45	92.81	110-120	96.20	2453	91.9,91.9
130	124.8	88.26	23.84	80.37	129.5	91.34	23.23	77.78	120-130	78.13	2531	94.8,94.8
140	108.1	68.87	25.10	70.33	112.0	78.83	25.17	61.26	130-140	58.55	2589	97,97
150	86.33	50.02	27.74	59.63	88.57	66.23	28.64	47.36	140-150	39.47	2629	98.5,98.5
160	66.23	40.45	33.64	50.14	62.71	55.08	34.22	40.53	150-160	24.08	2653	99.4,99.4
170	45.51	36.64	38.85	42.29	32.70	44.27	39.42	39.56	160-170	12.47	2665	99.9,99.9
180	24.94	38.25	42.51	40.05	24.97	38.25	42.51	40.05	170-180	3.701	2669	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 901.47 lm

%lum = 33.8%
%lamp = 33.8%

Conical surface Flux(120deg): 1391.1 lm

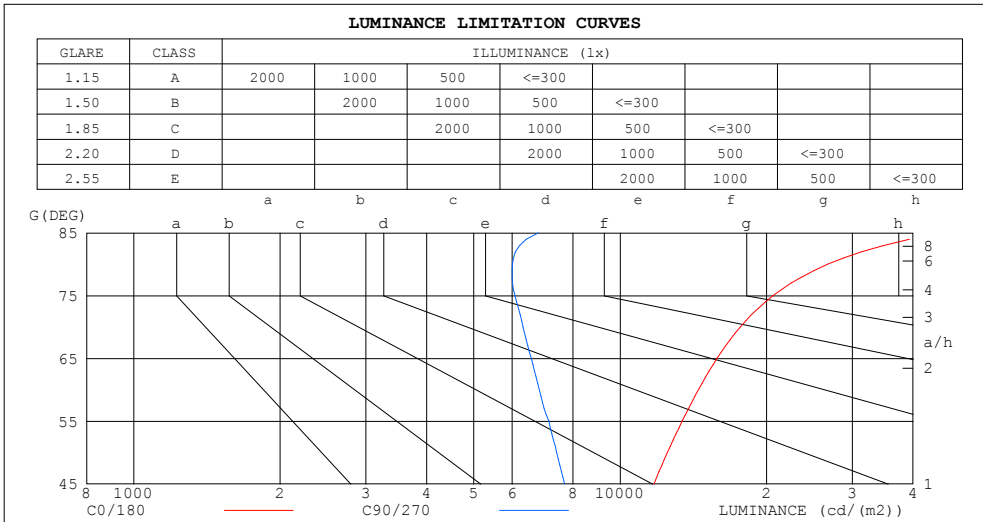
%lum = 52.1%
%lamp = 52.1%

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-04-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.750m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.5V I:0.2050A P:24.50W PF:0.9870 Freq:60.00Hz Lamp Flux:2668.99x1 lm		
NAME: LVF1S-36-26-95C-MVUD-NS 整灯 3500K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 革星	SUR.:36寸	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2024-04-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.750m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:120.5V I:0.2050A P:24.50W PF:0.9870 Freq:60.00Hz Lamp Flux:2668.99x1 lm		
NAME: LVF1S-36-26-95C-MVUD-NS 整灯 3500K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 革星	SUR.:36寸	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	.374	.213	.067	.360	.205	.065	.335	.192	.061	.311	.179	.058	.289	.168	.054	
2.0	.326	.179	.055	.314	.173	.053	.291	.162	.050	.270	.151	.047	.250	.141	.045	
3.0	.291	.155	.046	.280	.150	.045	.259	.140	.043	.240	.131	.040	.222	.123	.038	
4.0	.263	.137	.040	.253	.132	.039	.234	.124	.037	.216	.116	.035	.200	.108	.033	
5.0	.239	.122	.035	.230	.118	.034	.213	.111	.033	.197	.104	.031	.182	.097	.029	
6.0	.220	.110	.032	.211	.107	.031	.195	.100	.029	.181	.094	.028	.167	.088	.026	
7.0	.203	.100	.028	.195	.097	.028	.180	.091	.026	.167	.086	.025	.154	.080	.024	
8.0	.188	.092	.026	.181	.089	.025	.168	.084	.024	.155	.079	.023	.143	.074	.021	
9.0	.175	.085	.024	.169	.082	.023	.157	.077	.022	.145	.073	.021	.134	.068	.020	
10.0	.164	.079	.022	.158	.076	.021	.147	.072	.020	.136	.068	.019	.126	.063	.018	

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	.352	.352	.352	.301	.301	.301	.205	.205	.205	.118	.118	.118	.038	.038	.038	
1.0	.348	.318	.292	.297	.273	.251	.203	.188	.174	.117	.109	.101	.038	.035	.033	
2.0	.341	.296	.258	.292	.255	.223	.200	.176	.155	.115	.102	.091	.037	.033	.030	
3.0	.333	.279	.236	.286	.241	.205	.196	.167	.144	.113	.098	.085	.036	.032	.028	
4.0	.326	.267	.222	.280	.231	.193	.192	.161	.136	.111	.094	.080	.036	.031	.026	
5.0	.318	.257	.212	.273	.222	.184	.188	.155	.130	.109	.091	.077	.035	.030	.025	
6.0	.311	.249	.205	.267	.216	.178	.184	.151	.126	.107	.089	.075	.035	.029	.025	
7.0	.304	.243	.200	.261	.210	.174	.181	.147	.123	.105	.087	.073	.034	.028	.024	
8.0	.297	.237	.196	.256	.206	.171	.177	.144	.121	.103	.085	.072	.033	.028	.024	
9.0	.291	.232	.193	.251	.202	.168	.174	.142	.119	.101	.084	.071	.033	.027	.024	
10.0	.285	.228	.190	.246	.198	.166	.171	.139	.118	.100	.082	.070	.032	.027	.023	

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2024-04-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.750m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.5V I:0.2050A P:24.50W PF:0.9870 Freq:60.00Hz Lamp Flux:2668.99x1 lm										
NAME: LVF1S-36-26-95C-MVUD-NS 整灯 3500K					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.: 革星					SUR.:36寸			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	17.9	19.2	18.4	19.7	20.4	15.1	16.5	15.7	17.0	17.6
3H	20.4	21.6	21.0	22.2	22.8	16.6	17.9	17.2	18.4	19.1
4H	21.7	22.9	22.3	23.5	24.1	17.3	18.4	17.9	19.0	19.7
6H	23.1	24.2	23.7	24.8	25.5	17.8	18.9	18.4	19.5	20.2
8H	23.8	24.9	24.5	25.5	26.2	18.0	19.0	18.6	19.7	20.4
12H	24.7	25.7	25.3	26.3	27.1	18.1	19.2	18.8	19.8	20.5
4H 2H	18.4	19.6	19.0	20.2	20.8	16.5	17.6	17.1	18.2	18.9
3H	21.2	22.2	21.8	22.8	23.6	18.3	19.3	18.9	19.9	20.7
4H	22.7	23.6	23.4	24.3	25.1	19.1	20.1	19.8	20.7	21.5
6H	24.3	25.1	25.0	25.8	26.6	19.8	20.7	20.5	21.4	22.2
8H	25.1	25.9	25.8	26.6	27.4	20.1	20.9	20.8	21.6	22.4
12H	26.1	26.8	26.8	27.6	28.4	20.4	21.1	21.1	21.8	22.6
8H 4H	23.0	23.8	23.7	24.5	25.3	20.2	21.0	20.9	21.7	22.5
6H	24.9	25.6	25.7	26.3	27.2	21.3	22.0	22.1	22.7	23.6
8H	26.0	26.6	26.7	27.3	28.2	21.8	22.4	22.6	23.2	24.0
12H	27.2	27.7	28.0	28.5	29.4	22.3	22.8	23.1	23.6	24.5
12H 4H	23.0	23.8	23.8	24.5	25.3	20.5	21.2	21.2	22.0	22.8
6H	25.0	25.6	25.8	26.4	27.2	21.8	22.4	22.6	23.2	24.1
8H	26.2	26.7	27.0	27.5	28.4	22.5	23.0	23.3	23.8	24.7
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.1				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.4					+ 0.3 / - 0.5				

CIE Pub.117, 2669 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 3.4)

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2024-04-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.750m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.5V I:0.2050A P:24.50W PF:0.9870 Freq:60.00Hz Lamp Flux:2668.99x1 lm		
NAME: LVF1S-36-26-95C-MVUD-NS 整灯 3500K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 革星	SUR.:36寸	Shielding Angle:

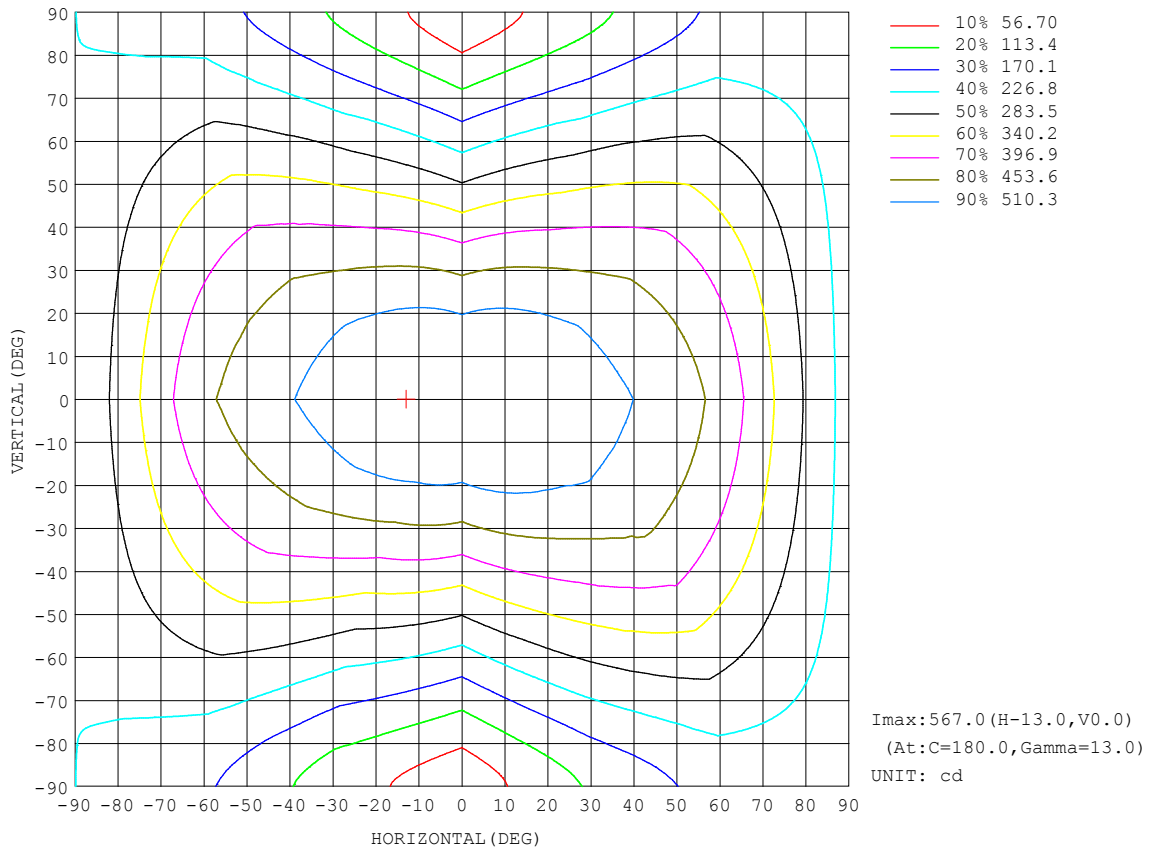
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	47	35	28	46	34	27	44	33	27	20
0.80	56	44	36	55	43	35	52	41	34	26
1.00	64	51	43	62	50	42	58	50	41	32
1.25	71	59	50	69	57	49	64	54	47	37
1.50	76	64	56	73	62	54	68	59	52	41
2.00	84	73	64	80	70	63	74	66	60	47
2.50	88	78	70	84	75	68	78	70	64	51
3.00	92	83	75	88	80	73	81	74	69	54
4.00	97	89	82	92	85	80	85	79	74	59
5.00	99	93	87	95	89	84	87	82	78	62
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2024-04-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.750m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:120.5V I:0.2050A P:24.50W PF:0.9870 Freq:60.00Hz Lamp Flux:2668.99x1 lm		
NAME: LVF1S-36-26-95C-MVUD-NS 整灯 3500K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 革星	SUR.:36寸	Shielding Angle:

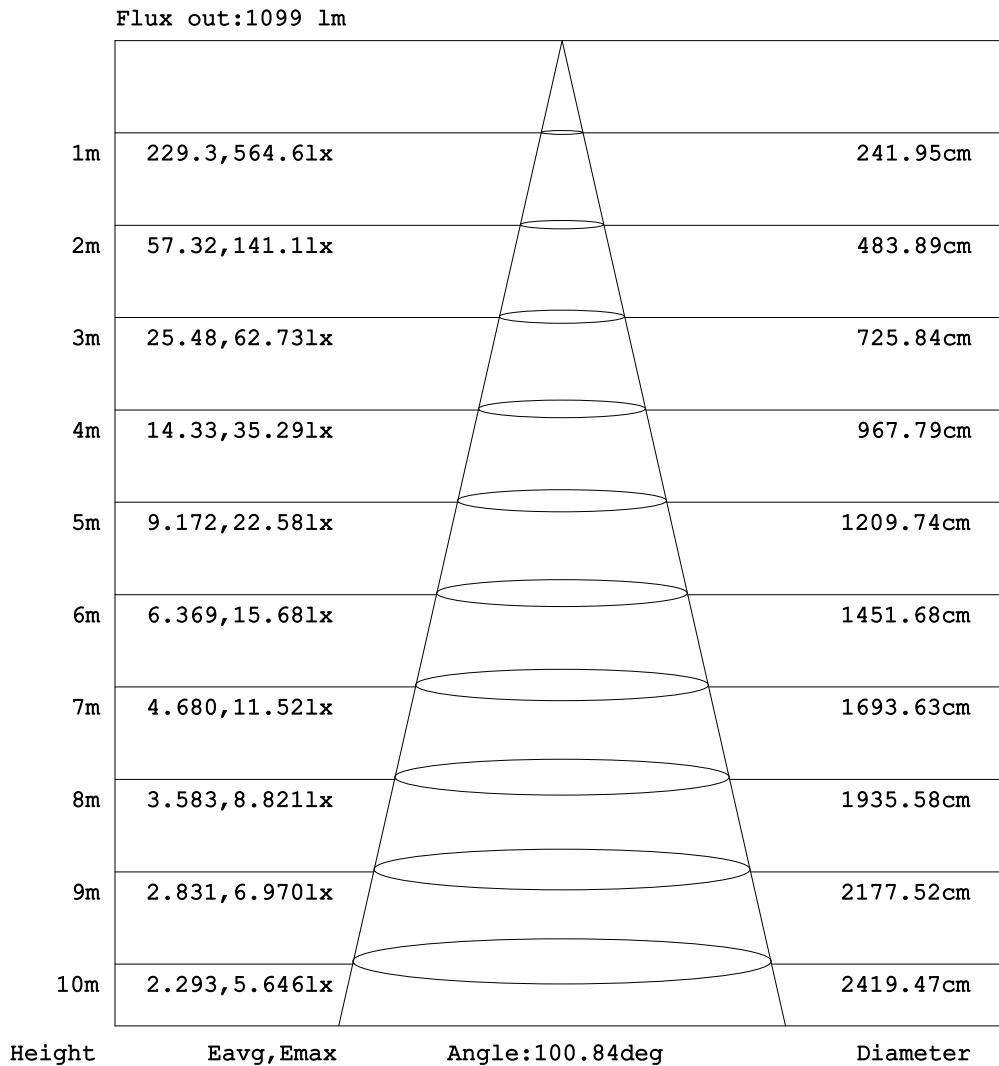


C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2024-04-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.750m [K=1.0000]
 Remarks:

AAI Figure

Test:U:120.5V I:0.2050A P:24.50W PF:0.9870 Freq:60.00Hz Lamp Flux:2668.99x1 lm		
NAME: LVF1S-36-26-95C-MVUD-NS 整灯 3500K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 革星	SUR.:36寸	Shielding Angle:

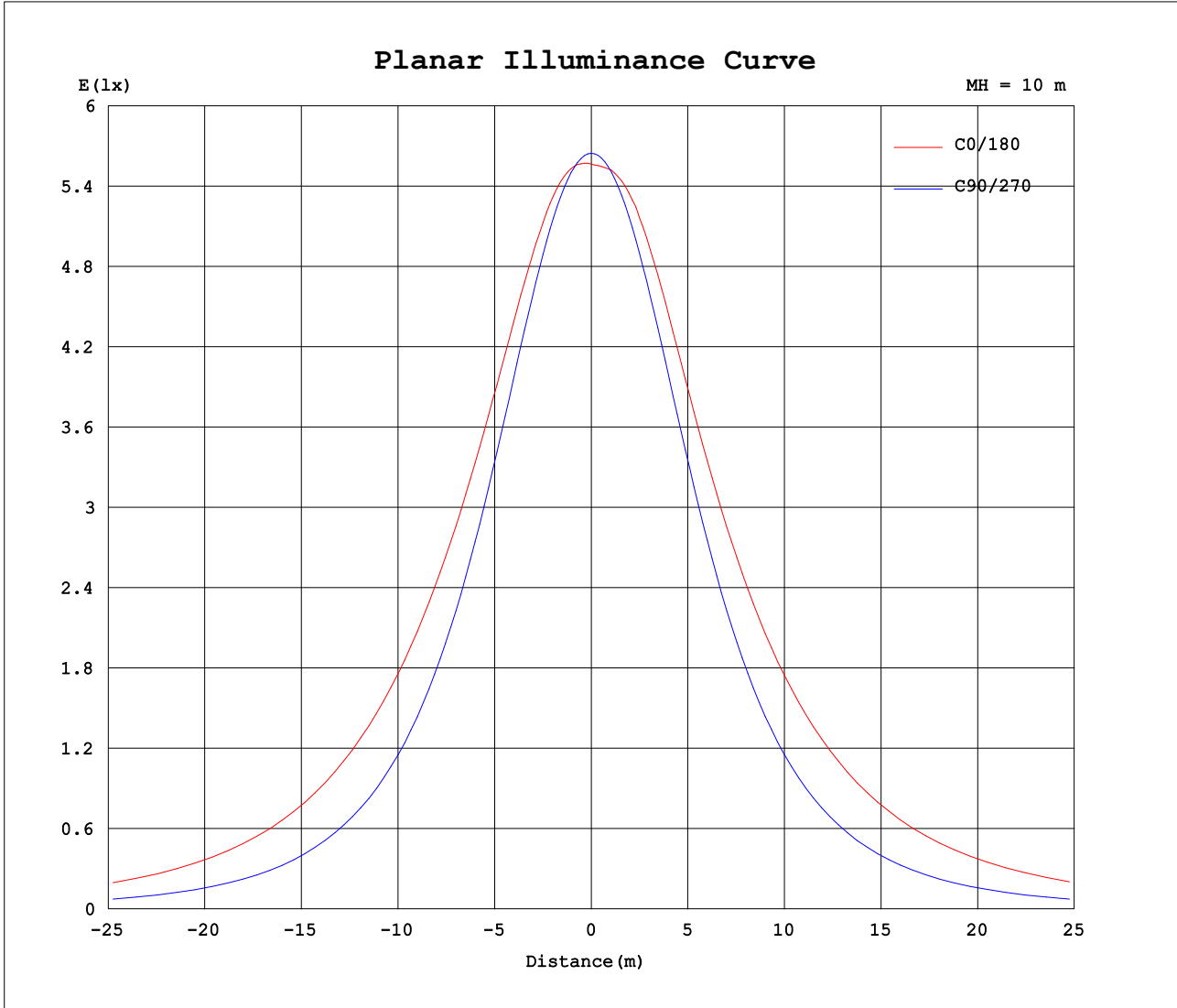


Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2024-04-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.750m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2024-04-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.750m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.5V I:0.2050A P:24.50W PF:0.9870 Freq:60.00Hz Lamp Flux:2668.99x1 lm		
NAME: LVF1S-36-26-95C-MVUD-NS 整灯 3500K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 革星	SUR.:36寸	Shielding Angle:

Table--1

UNIT: cd

C (DEG) \ γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330							
0	557	561	564	565	564	561	557	561	564	565	564	561							
5	561	564	563	561	560	560	559	562	561	561	563	564							
10	564	564	558	549	552	559	565	562	556	550	557	563							
15	560	559	547	531	538	553	566	558	545	533	545	556							
20	553	553	530	507	520	542	559	548	528	508	528	546							
25	542	539	510	477	495	526	548	534	506	479	505	532							
30	531	524	486	443	467	508	534	517	480	445	479	516							
35	521	509	459	406	436	487	521	499	451	407	450	498							
40	510	494	431	366	403	466	508	480	421	367	419	480							
45	498	477	402	326	369	445	494	461	389	327	387	461							
50	482	459	371	286	334	422	479	441	358	286	354	439							
55	462	436	340	246	300	398	461	419	325	245	320	415							
60	434	408	307	204	265	371	439	394	292	205	286	387							
65	401	376	273	166	230	341	410	364	259	167	251	355							
70	362	339	239	130	195	308	377	331	223	129	214	319							
75	320	299	203	94.4	161	274	339	295	189	92.5	179	281							
80	278	259	170	62.5	129	237	299	260	156	59.9	146	243							
85	239	220	140	35.5	101	204	261	224	128	33.0	117	208							
90	211	194	120	21.9	84.2	179	227	197	109	19.0	98.7	184							
95	194	179	113	21.0	80.6	167	209	183	103	18.3	92.3	170							
100	180	166	102	20.8	73.5	153	193	168	93.2	18.3	83.6	156							
105	166	149	92.4	21.5	67.7	137	177	151	85.5	18.8	77.1	140							
110	153	139	88.5	22.4	65.5	131	164	143	82.6	19.6	74.5	132							
115	145	133	84.3	23.1	64.0	125	155	136	79.8	20.6	70.9	126							
120	138	127	80.1	23.1	61.9	118	147	129	76.9	21.4	66.7	119							
125	131	121	71.7	23.4	58.7	112	138	121	73.1	22.3	60.3	111							
130	125	114	62.7	23.8	55.6	105	129	114	68.7	23.2	54.3	101							
135	117	104	55.4	24.4	53.2	97.9	121	106	64.2	24.2	49.1	89.8							
140	108	88.0	49.7	25.1	51.2	89.4	112	97.2	60.4	25.2	44.8	77.8							
145	97.3	72.0	44.7	25.7	49.2	80.6	101	87.5	57.3	26.1	41.1	66.5							
150	86.3	59.7	40.4	27.7	47.1	72.2	88.6	78.1	54.4	28.6	38.3	56.5							
155	76.2	49.8	38.5	30.8	44.6	64.8	76.1	69.5	51.6	31.4	38.6	48.3							
160	66.2	41.7	39.2	33.6	42.1	58.1	62.7	61.8	48.4	34.2	39.7	41.3							
165	56.3	35.3	39.9	36.4	40.3	51.4	47.3	54.2	45.1	36.9	40.5	38.3							
170	45.5	33.2	40.0	38.9	39.9	44.6	32.7	46.1	42.4	39.4	41.0	38.1							
175	33.0	33.5	40.2	41.0	40.5	39.9	27.7	39.1	40.9	41.5	41.4	37.7							
180	24.9	35.6	40.9	42.5	41.7	38.4	25.0	35.6	40.9	42.5	41.7	38.3							

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2024-04-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.750m [K=1.0000]
 Remarks: