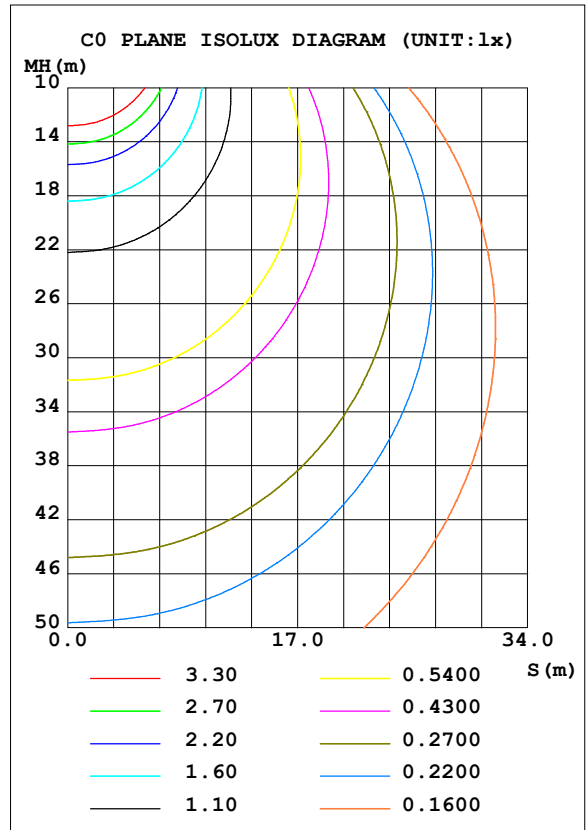
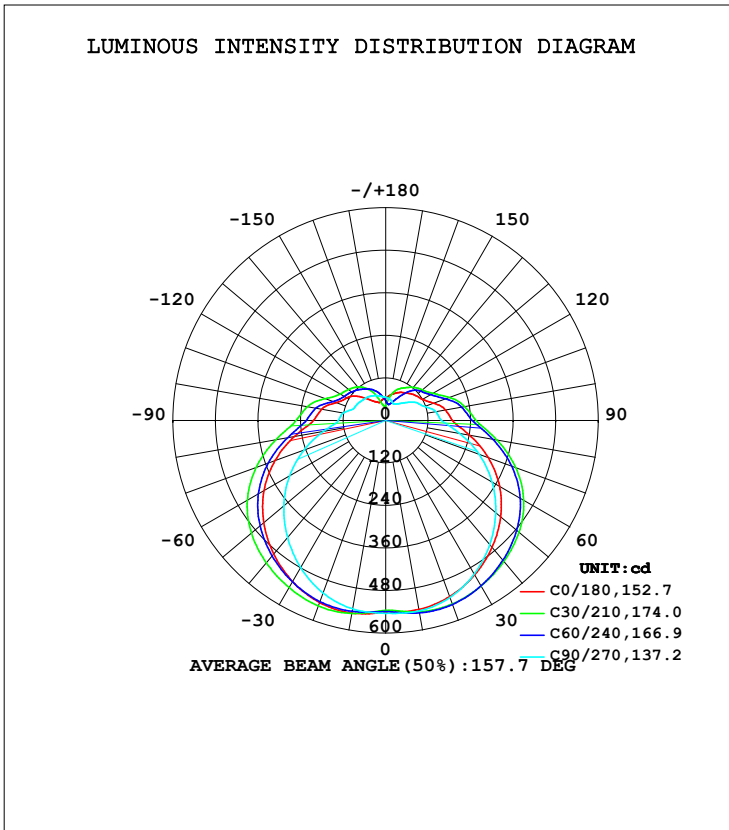


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.6V I:0.2050A P:24.60W PF:0.9950 Freq:60.00Hz Lamp Flux:2851.56x1 lm		
NAME: LVF1S-36-26-95C-MV-NS 整灯 3500K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 革星	SUR.:36寸	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 115.92 lm/W			
MODEL		I _{max} (cd)	557.6	S/MH (C0/180)	1.44
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)	1.31
RATED VOLTAGE (V)		TOTAL FLUX (lm)	2851.6	η UP, DN (C0-180)	11.9, 38.5
NOMINAL FLUX (lm)	2851.56	CIE CLASS	SEMI-D.	η UP, DN (C180-360)	11.7, 38.0
LAMPS INSIDE	1	η up (%)	23.5	CIBSE SHR NOM	1.50
TEST VOLTAGE (V)		η down (%)	76.5	CIBSE SHR MAX	1.55



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2024-02-29

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	541.3	549.6	545.7	536.3	551.6	549.6	539.5	534.3	0- 10	51.88	51.88	1.82,1.82
20	528.6	551.5	531.1	504.7	546.5	550.2	517.9	501.4	10- 20	152.1	204.0	7.15,7.15
30	502.7	538.8	500.0	453.8	525.1	535.5	479.7	450.6	20- 30	237.4	441.3	15.5,15.5
40	467.2	517.0	457.0	390.6	491.7	511.3	430.8	388.0	30- 40	299.0	740.3	26,26
50	423.6	486.7	405.4	320.8	449.2	478.6	375.3	319.5	40- 50	333.1	1073	37.6,37.6
60	371.0	443.9	346.6	248.0	396.4	432.8	313.4	247.3	50- 60	337.9	1411	49.5,49.5
70	308.3	384.4	280.8	173.7	332.3	370.7	245.7	174.5	60- 70	312.2	1724	60.4,60.4
80	240.2	313.0	211.6	103.9	261.5	297.9	178.0	105.7	70- 80	259.9	1983	69.6,69.6
90	188.6	249.7	157.7	57.47	204.0	238.9	134.0	62.95	80- 90	197.5	2181	76.5,76.5
100	171.5	222.1	144.0	49.76	183.8	212.7	122.1	55.23	90-100	163.9	2345	82.2,82.2
110	143.9	185.3	116.9	46.76	148.2	169.4	97.34	53.41	100-110	138.3	2483	87.1,87.1
120	120.3	150.2	101.1	47.23	127.4	142.6	92.86	50.31	110-120	108.3	2591	90.9,90.9
130	110.5	132.0	79.63	48.74	107.0	131.4	88.06	46.74	120-130	86.79	2678	93.9,93.9
140	100.5	115.8	62.96	50.34	79.72	119.3	84.71	46.49	130-140	67.77	2746	96.3,96.3
150	91.76	92.12	53.58	52.41	61.95	103.2	80.23	47.16	140-150	48.91	2795	98,98
160	82.48	74.06	55.40	57.47	54.42	81.02	75.01	55.20	150-160	32.45	2827	99.2,99.2
170	72.74	57.40	62.26	63.03	59.50	58.80	69.10	63.38	160-170	18.32	2846	99.8,99.8
180	64.65	49.47	65.94	68.42	64.62	49.45	66.03	68.41	170-180	5.877	2852	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 904.39 lm

%lum = 31.7%
%lamp = 31.7%

Conical surface Flux(120deg): 1411.3 lm

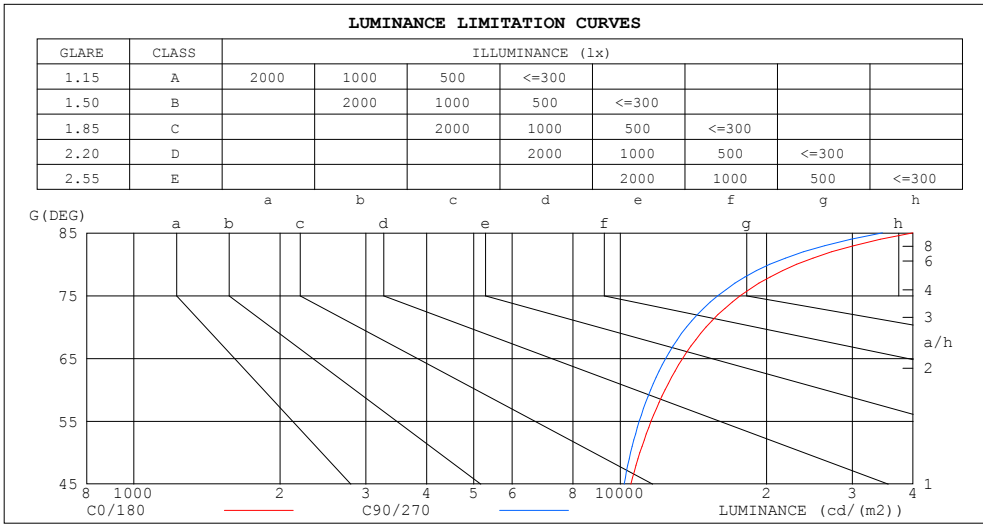
%lum = 49.5%
%lamp = 49.5%

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-02-29

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:120.6V I:0.2050A P:24.60W PF:0.9950 Freq:60.00Hz Lamp Flux:2851.56x1 lm		
NAME: LVF1S-36-26-95C-MV-NS 整灯 3500K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 革星	SUR.:36寸	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	39965	34597
80	23059	20311
75	17661	15883
70	15021	13684
65	13444	12402
60	12367	11552
55	11581	10949
50	10984	10511
45	10522	10189

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2024-02-29

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:120.6V I:0.2050A P:24.60W PF:0.9950 Freq:60.00Hz Lamp Flux:2851.56x1 lm		
NAME: LVF1S-36-26-95C-MV-NS 整灯 3500K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 革星	SUR.:36寸	Shielding Angle:

ρcc	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	.379	.215	.068	.364	.208	.066	.338	.194	.062	.313	.180	.058	.290	.168	.054	
2.0	.329	.180	.055	.316	.174	.054	.292	.162	.050	.269	.151	.047	.248	.141	.044	
3.0	.293	.156	.047	.281	.151	.045	.259	.140	.043	.239	.131	.040	.220	.122	.038	
4.0	.264	.137	.040	.253	.133	.039	.233	.124	.037	.214	.115	.035	.197	.107	.033	
5.0	.240	.122	.035	.230	.118	.034	.212	.110	.033	.195	.103	.031	.179	.096	.029	
6.0	.220	.110	.032	.211	.107	.031	.194	.100	.029	.179	.093	.027	.164	.086	.026	
7.0	.203	.100	.028	.195	.097	.028	.180	.091	.026	.165	.085	.025	.152	.079	.023	
8.0	.188	.092	.026	.181	.089	.025	.167	.083	.024	.153	.078	.022	.141	.072	.021	
9.0	.176	.085	.024	.169	.082	.023	.156	.077	.022	.143	.072	.021	.132	.067	.019	
10.0	.164	.079	.022	.158	.076	.021	.146	.071	.020	.134	.067	.019	.123	.062	.018	

ρcc	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						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.370	.370	.370	.316	.316	.316	.216	.216	.216	.124	.124	.124	.040	.040	.040	
1.0	.366	.336	.310	.313	.289	.266	.214	.199	.184	.123	.115	.107	.039	.037	.035	
2.0	.359	.314	.275	.308	.270	.238	.211	.187	.166	.122	.109	.097	.039	.035	.032	
3.0	.352	.297	.254	.302	.256	.220	.207	.178	.154	.120	.104	.091	.038	.034	.030	
4.0	.344	.285	.240	.295	.246	.208	.203	.172	.147	.117	.101	.087	.038	.033	.029	
5.0	.337	.275	.230	.289	.238	.200	.199	.166	.141	.115	.098	.084	.037	.032	.028	
6.0	.329	.267	.223	.283	.232	.194	.195	.162	.137	.113	.095	.082	.037	.031	.027	
7.0	.322	.261	.218	.277	.226	.190	.192	.159	.135	.111	.093	.080	.036	.031	.026	
8.0	.316	.255	.214	.272	.222	.187	.188	.156	.132	.109	.092	.079	.035	.030	.026	
9.0	.310	.251	.211	.267	.218	.184	.185	.153	.131	.108	.090	.078	.035	.030	.026	
10.0	.304	.247	.209	.262	.214	.182	.182	.151	.129	.106	.089	.077	.034	.029	.026	

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2024-02-29

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:120.6V I:0.2050A P:24.60W PF:0.9950 Freq:60.00Hz Lamp Flux:2851.56x1 lm										
NAME: LVF1S-36-26-95C-MV-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	17.3	18.6	17.9	19.2	19.9	17.1	18.4	17.7	19.0	19.7
3H	19.7	20.9	20.3	21.5	22.2	19.4	20.6	20.0	21.2	21.9
4H	20.9	22.1	21.6	22.7	23.4	20.5	21.7	21.1	22.3	23.0
6H	22.2	23.3	22.9	23.9	24.7	21.7	22.8	22.4	23.4	24.2
8H	22.9	23.9	23.6	24.6	25.4	22.3	23.4	23.0	24.0	24.8
12H	23.7	24.7	24.4	25.4	26.1	23.1	24.1	23.7	24.7	25.5
4H 2H	18.3	19.5	19.0	20.1	20.8	18.2	19.3	18.8	19.9	20.7
3H	21.0	22.0	21.6	22.6	23.4	20.7	21.7	21.4	22.4	23.2
4H	22.4	23.3	23.1	24.0	24.8	22.1	23.0	22.7	23.7	24.5
6H	23.9	24.7	24.6	25.4	26.2	23.4	24.2	24.1	25.0	25.8
8H	24.6	25.4	25.4	26.1	27.0	24.2	24.9	24.9	25.6	26.5
12H	25.5	26.2	26.2	26.9	27.8	25.0	25.7	25.7	26.4	27.3
8H 4H	23.1	23.8	23.8	24.6	25.4	22.8	23.6	23.6	24.3	25.2
6H	24.9	25.6	25.7	26.3	27.2	24.6	25.2	25.3	26.0	26.9
8H	25.9	26.5	26.7	27.3	28.2	25.5	26.1	26.3	26.9	27.8
12H	27.0	27.5	27.8	28.3	29.2	26.6	27.1	27.3	27.8	28.8
12H 4H	23.2	23.9	24.0	24.7	25.6	23.0	23.7	23.7	24.5	25.3
6H	25.2	25.8	26.0	26.6	27.5	24.9	25.5	25.7	26.3	27.2
8H	26.3	26.9	27.1	27.6	28.6	26.0	26.5	26.8	27.3	28.2
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	+ 0.3 / - 0.5					+ 0.3 / - 0.5				

CIE Pub.117, 2852 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 3.6)

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2024-02-29

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:120.6V I:0.2050A P:24.60W PF:0.9950 Freq:60.00Hz Lamp Flux:2851.56x1 lm		
NAME: LVF1S-36-26-95C-MV-NS 整灯 3500K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 革星	SUR.:36寸	Shielding Angle:

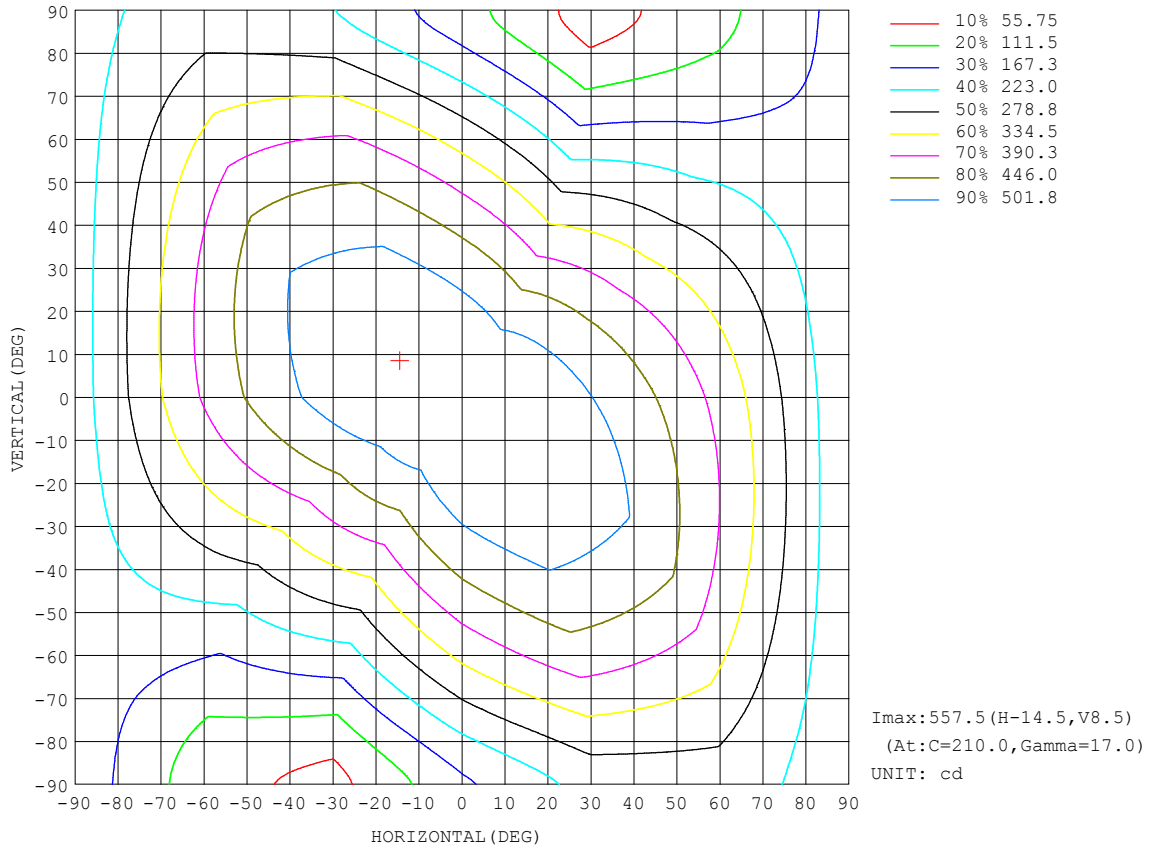
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	46	34	26	45	33	26	43	32	26	19
0.80	55	42	34	53	41	34	50	40	33	24
1.00	63	50	42	61	49	41	57	49	39	30
1.25	70	57	49	67	56	48	62	52	45	35
1.50	75	63	54	72	61	53	66	57	50	39
2.00	82	71	63	79	69	61	72	64	58	45
2.50	87	77	69	83	74	67	76	69	62	49
3.00	91	81	74	87	78	71	79	72	67	52
4.00	96	88	81	91	84	78	83	77	72	56
5.00	99	92	86	94	88	82	85	81	76	59
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:2024-02-29

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:120.6V I:0.2050A P:24.60W PF:0.9950 Freq:60.00Hz Lamp Flux:2851.56x1 lm		
NAME: LVF1S-36-26-95C-MV-NS 整灯 3500K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 革星	SUR.:36寸	Shielding Angle:

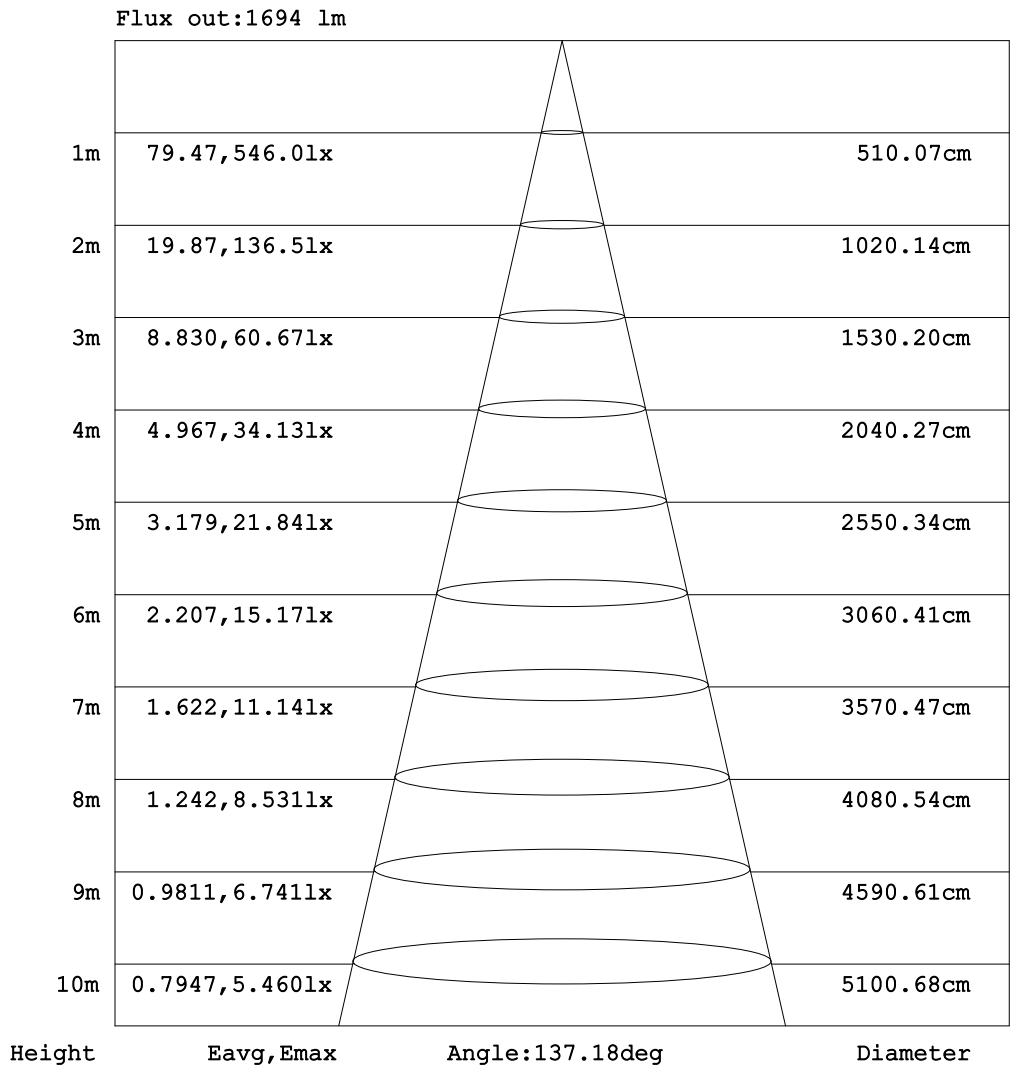


C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2024-02-29

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:120.6V I:0.2050A P:24.60W PF:0.9950 Freq:60.00Hz Lamp Flux:2851.56x1 lm		
NAME: LVF1S-36-26-95C-MV-NS 整灯 3500K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 革星	SUR.:36寸	Shielding Angle:

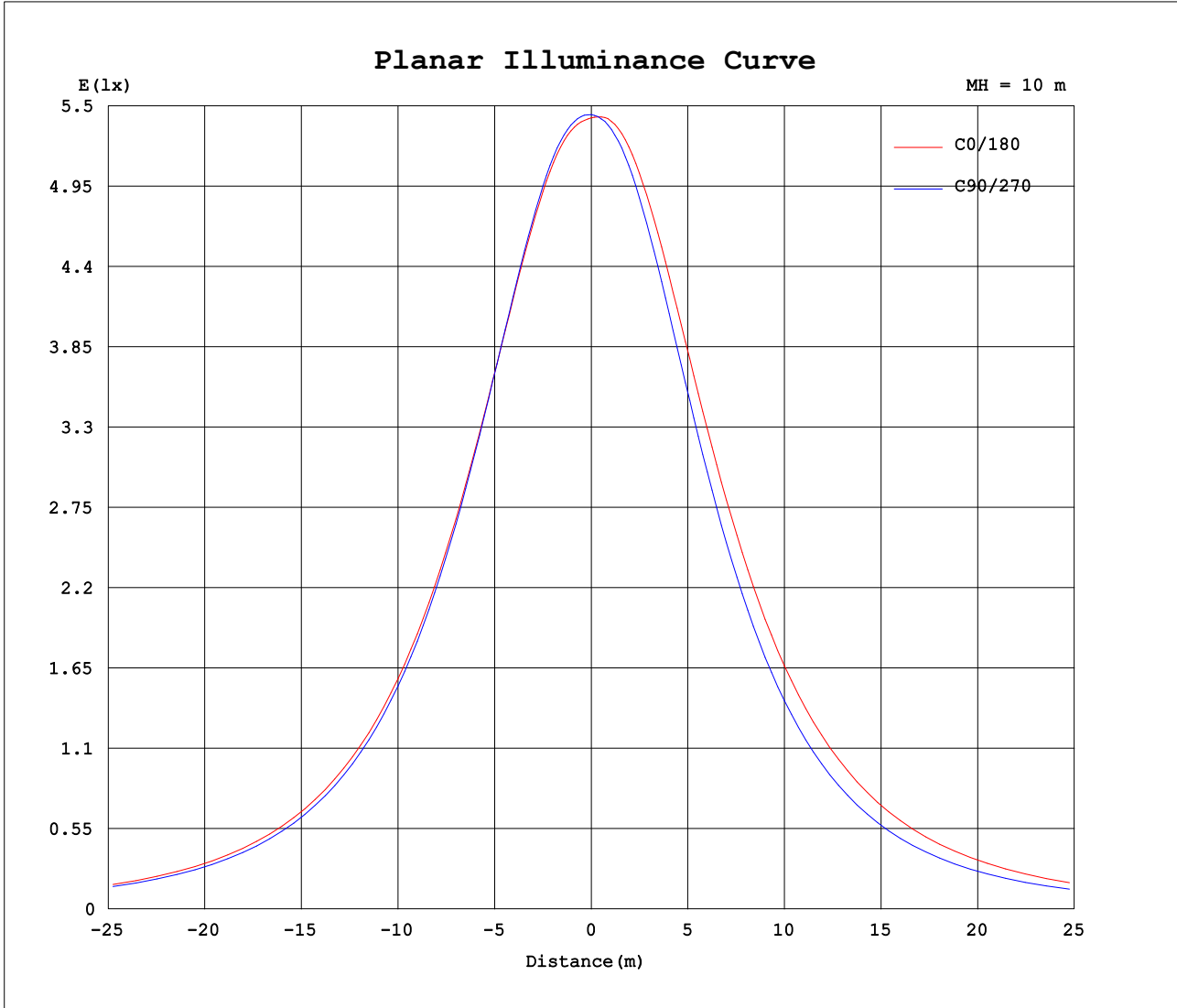


Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2024-02-29

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:2024-02-29

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:120.6V I:0.2050A P:24.60W PF:0.9950 Freq:60.00Hz Lamp Flux:2851.56x1 lm		
NAME: LVF1S-36-26-95C-MV-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	542	536	539	544	546	546	542	536	539	544	546	546							
5	542	540	544	546	543	544	547	544	543	543	542	543							
10	541	548	551	546	534	538	552	552	547	539	531	537							
15	537	552	554	541	520	527	551	557	547	531	515	526							
20	529	551	552	531	499	510	547	557	544	518	493	510							
25	517	546	547	518	474	489	537	552	536	500	466	490							
30	503	539	539	500	445	463	525	545	526	480	435	466							
35	486	530	528	480	412	434	510	536	513	457	402	439							
40	467	519	515	457	378	403	492	524	498	431	366	410							
45	446	506	500	432	342	371	472	511	482	404	330	379							
50	424	491	482	405	305	337	449	494	463	375	292	347							
55	399	472	462	377	267	302	424	475	441	345	254	314							
60	371	450	438	347	229	267	396	451	415	313	215	280							
65	341	422	410	314	192	230	365	422	385	280	177	245							
70	308	390	378	281	154	193	332	389	352	246	139	210							
75	274	355	344	247	118	158	297	353	317	211	103	175							
80	240	319	307	212	84.0	124	262	315	281	178	69.7	142							
85	209	283	272	181	54.9	94.1	227	278	247	149	42.0	113							
90	189	255	244	158	37.7	77.2	204	253	225	134	29.4	96.5							
95	180	240	230	150	36.6	74.0	193	238	212	128	28.4	92.9							
100	171	226	218	144	34.7	64.8	184	225	201	122	26.9	83.6							
105	160	212	202	132	33.8	61.5	168	206	181	108	27.8	80.8							
110	144	191	180	117	34.8	58.7	148	181	158	97.3	30.3	76.5							
115	130	170	161	108	36.2	58.0	135	161	144	94.9	32.6	72.4							
120	120	154	146	101	36.2	58.3	127	149	136	92.9	33.9	66.7							
125	115	142	136	90.9	35.9	59.6	119	143	131	90.7	35.1	60.6							
130	111	135	129	79.6	36.5	61.0	107	137	126	88.1	36.4	57.1							
135	106	129	121	70.3	37.2	61.9	93.1	131	121	86.0	38.0	55.1							
140	100	122	109	63.0	38.1	62.6	79.7	124	115	84.7	39.4	53.5							
145	95.8	115	92.9	57.6	39.2	62.9	69.1	115	108	82.7	40.8	52.0							
150	91.8	107	77.3	53.6	41.9	62.9	62.0	103	103	80.2	43.5	50.8							
155	87.4	100	65.2	52.3	46.8	62.9	57.8	89.9	97.1	77.7	47.8	53.4							
160	82.5	92.3	55.8	55.4	52.1	62.8	54.4	71.9	90.1	75.0	52.9	57.5							
165	77.7	81.8	49.1	59.3	57.2	63.3	56.1	53.6	82.0	72.0	57.8	61.3							
170	72.7	68.3	46.5	62.3	61.9	64.2	59.5	44.7	72.9	69.1	62.3	64.4							
175	67.3	53.2	50.1	64.4	66.0	66.3	62.2	39.7	63.8	66.9	66.3	66.9							
180	64.6	42.1	56.8	65.9	68.5	68.3	64.6	42.0	56.9	66.0	68.5	68.3							

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2024-02-29

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: