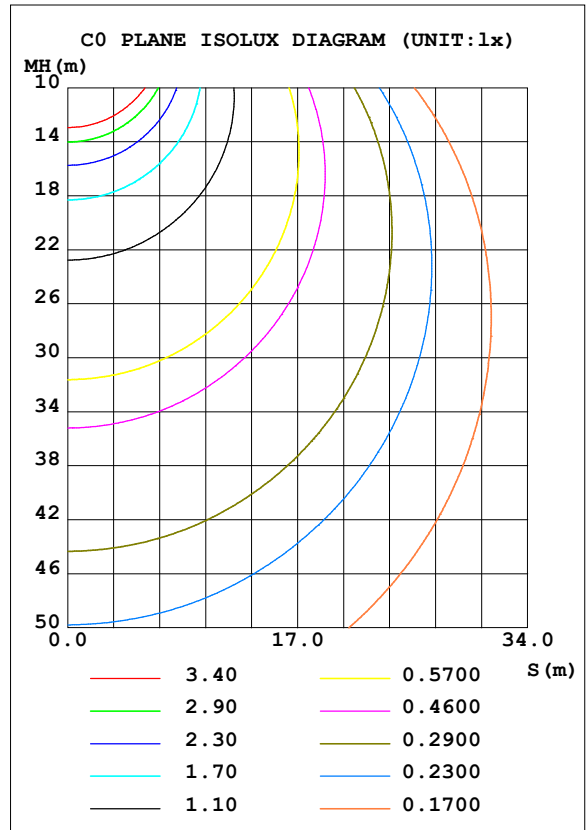
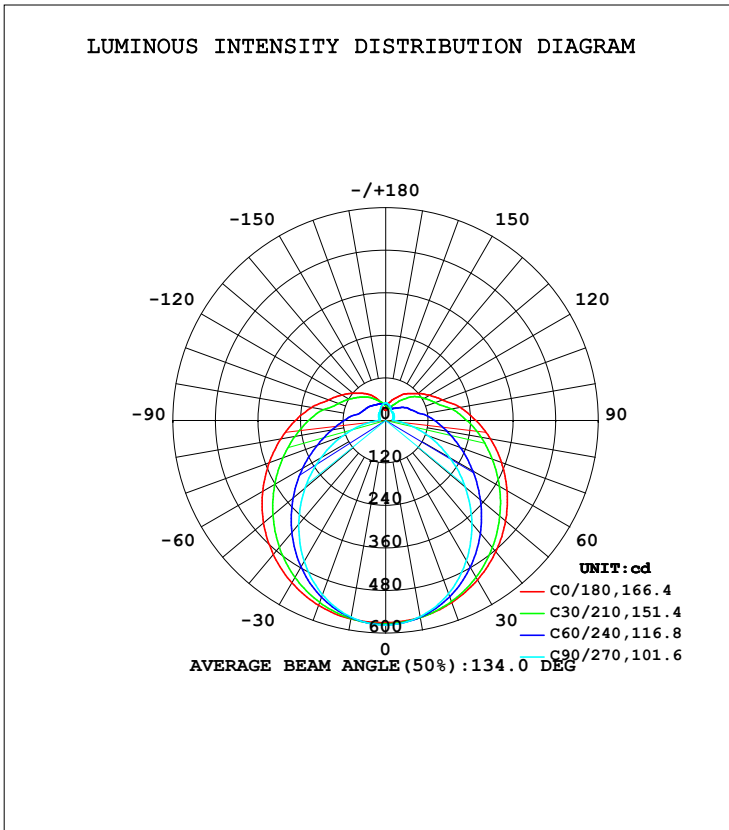


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.5V I:0.2120A P:25.20W PF:0.9870 Freq:60.00Hz Lamp Flux:2642.73x1 lm		
NAME: LVF1R-36-26-95C-MVUD-BL 整灯 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 革星	SUR.:36寸	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 104.87 lm/W			
MODEL		I _{max} (cd)	577.0	S/MH (C0/180)	1.39
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)	1.19
RATED VOLTAGE (V)		TOTAL FLUX (lm)	2642.7	η UP, DN (C0-180)	10.9, 38.8
NOMINAL FLUX (lm)	2642.73	CIE CLASS	SEMI-D.	η UP, DN (C180-360)	11.0, 39.3
LAMPS INSIDE	1	η up (%)	21.9	CIBSE SHR NOM	1.50
TEST VOLTAGE (V)		η down (%)	78.1	CIBSE SHR MAX	1.50



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2024-04-17

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	564.2	563.9	561.8	564.6	568.2	566.0	563.4	566.0	0- 10	54.39	54.39	2.06,2.06
20	546.4	536.2	519.6	533.3	554.8	538.3	522.4	537.2	10- 20	156.0	210.4	7.96,7.96
30	518.9	494.3	455.8	485.5	529.2	494.7	459.6	493.1	20- 30	237.7	448.1	17,17
40	483.3	441.9	378.2	426.2	493.5	439.5	381.8	437.8	30- 40	291.0	739.1	28,28
50	441.6	384.6	293.8	361.4	450.1	378.2	297.0	377.3	40- 50	312.9	1052	39.8,39.8
60	395.5	327.0	207.7	296.6	400.7	316.3	211.5	316.6	50- 60	306.4	1358	51.4,51.4
70	347.6	272.6	127.9	237.0	349.8	257.3	130.4	258.8	60- 70	277.8	1636	61.9,61.9
80	300.1	224.4	60.13	186.6	300.3	207.1	59.87	209.4	70- 80	236.2	1872	70.9,70.9
90	254.8	183.4	21.62	147.2	254.8	167.5	19.13	169.7	80- 90	192.2	2065	78.1,78.1
100	213.5	147.5	20.11	116.4	212.8	133.9	18.58	135.4	90-100	155.8	2220	84,84
110	170.7	115.9	23.25	94.10	171.5	107.2	20.76	106.7	100-110	119.8	2340	88.6,88.6
120	142.7	98.76	25.32	83.23	144.2	92.87	23.83	91.12	110-120	95.06	2435	92.2,92.2
130	118.5	81.54	27.58	74.11	120.4	81.69	26.40	74.48	120-130	74.31	2510	95,95
140	99.20	61.99	29.62	66.46	100.3	71.53	28.82	57.34	130-140	54.50	2564	97,97
150	80.63	47.18	32.40	58.65	82.61	62.21	32.15	45.65	140-150	37.46	2602	98.4,98.4
160	63.68	40.00	39.62	51.44	62.38	54.66	39.64	41.26	150-160	23.74	2625	99.3,99.3
170	49.74	39.78	46.01	47.22	33.67	48.77	46.55	43.40	160-170	13.14	2639	99.8,99.8
180	29.40	46.19	50.32	48.05	29.39	46.19	50.31	48.06	170-180	4.221	2643	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 894.69 lm

%lum = 33.9%

%lamp = 33.9%

Conical surface Flux(120deg): 1358.4 lm

%lum = 51.4%

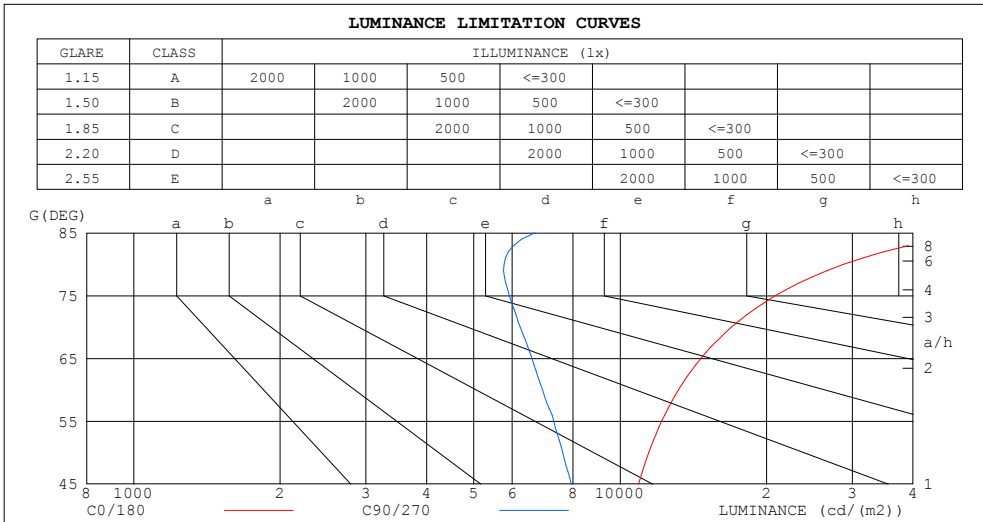
%lamp = 51.4%

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2024-04-17

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:0.2120A P:25.20W PF:0.9870 Freq:60.00Hz Lamp Flux:2642.73x1 lm		
NAME: LVF1R-36-26-95C-MVUD-BL 整灯 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 革星	SUR.:36寸	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	52983	6674
80	28803	5771
75	20849	5918
70	16941	6231
65	14657	6585
60	13183	6925
55	12176	7300
50	11449	7617
45	10918	7932

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2024-04-17

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:0.2120A P:25.20W PF:0.9870 Freq:60.00Hz Lamp Flux:2642.73x1 lm		
NAME: LVF1R-36-26-95C-MVUD-BL 整灯 4000K	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	.379	.215	.068	.365	.208	.066	.339	.194	.062	.315	.182	.058	.293	.170	.055	
2.0	.328	.180	.055	.315	.174	.053	.292	.162	.050	.270	.151	.047	.250	.141	.045	
3.0	.291	.155	.046	.280	.150	.045	.259	.140	.043	.239	.131	.040	.221	.122	.038	
4.0	.262	.136	.040	.252	.132	.039	.233	.123	.037	.215	.115	.035	.198	.108	.033	
5.0	.239	.122	.035	.229	.118	.034	.212	.110	.032	.195	.103	.031	.180	.096	.029	
6.0	.219	.110	.031	.210	.106	.031	.194	.100	.029	.179	.093	.027	.165	.087	.026	
7.0	.202	.100	.028	.194	.097	.028	.179	.091	.026	.166	.085	.025	.153	.079	.023	
8.0	.187	.092	.026	.180	.089	.025	.167	.083	.024	.154	.078	.022	.142	.073	.021	
9.0	.175	.085	.024	.168	.082	.023	.156	.077	.022	.144	.072	.021	.133	.067	.019	
10.0	.164	.078	.022	.158	.076	.021	.146	.071	.020	.135	.067	.019	.125	.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	.357	.357	.357	.305	.305	.305	.208	.208	.208	.120	.120	.120	.038	.038	.038	
1.0	.353	.324	.297	.302	.278	.256	.207	.191	.177	.119	.111	.103	.038	.036	.033	
2.0	.346	.301	.263	.297	.259	.227	.203	.179	.158	.117	.104	.093	.038	.034	.030	
3.0	.339	.285	.241	.290	.245	.209	.199	.171	.147	.115	.100	.087	.037	.032	.028	
4.0	.331	.272	.227	.284	.235	.197	.195	.164	.139	.113	.096	.082	.036	.031	.027	
5.0	.323	.262	.217	.278	.227	.189	.191	.159	.134	.111	.093	.079	.036	.030	.026	
6.0	.316	.254	.210	.272	.220	.183	.187	.154	.130	.109	.091	.077	.035	.030	.025	
7.0	.309	.248	.205	.266	.215	.179	.184	.151	.127	.107	.089	.075	.034	.029	.025	
8.0	.302	.242	.201	.260	.210	.175	.180	.148	.124	.105	.087	.074	.034	.029	.025	
9.0	.296	.238	.198	.255	.206	.173	.177	.145	.123	.103	.086	.073	.033	.028	.024	
10.0	.290	.234	.196	.250	.203	.171	.174	.143	.121	.101	.084	.072	.033	.028	.024	

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2024-04-17

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:0.2120A P:25.20W PF:0.9870 Freq:60.00Hz Lamp Flux:2642.73x1 lm										
NAME: LVF1R-36-26-95C-MVUD-BL 整灯 4000K					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	17.8	19.2	19.8	14.9	16.2	15.4	16.8	17.4
3H	20.0	21.2	20.5	21.8	22.4	16.4	17.6	17.0	18.2	18.9
4H	21.4	22.6	22.0	23.2	23.9	17.1	18.2	17.7	18.8	19.5
6H	23.1	24.2	23.7	24.8	25.5	17.6	18.7	18.2	19.3	20.0
8H	24.0	25.0	24.6	25.7	26.4	17.8	18.9	18.5	19.5	20.2
12H	25.0	26.1	25.7	26.7	27.5	18.0	19.0	18.6	19.7	20.4
4H 2H	17.8	19.0	18.5	19.6	20.3	16.1	17.3	16.7	17.9	18.6
3H	20.8	21.8	21.4	22.4	23.2	18.0	19.0	18.6	19.6	20.4
4H	22.5	23.4	23.1	24.1	24.8	18.9	19.8	19.5	20.5	21.2
6H	24.3	25.1	25.0	25.8	26.7	19.6	20.5	20.3	21.2	22.0
8H	25.4	26.1	26.1	26.8	27.7	20.0	20.7	20.7	21.5	22.3
12H	26.5	27.3	27.3	28.0	28.8	20.3	21.0	21.0	21.7	22.5
8H 4H	22.8	23.6	23.5	24.3	25.1	20.0	20.8	20.7	21.5	22.3
6H	25.0	25.7	25.8	26.4	27.3	21.3	21.9	22.0	22.6	23.5
8H	26.3	26.9	27.0	27.6	28.5	21.8	22.4	22.6	23.2	24.1
12H	27.7	28.2	28.5	29.0	29.9	22.4	22.9	23.1	23.6	24.6
12H 4H	22.9	23.6	23.6	24.3	25.1	20.4	21.1	21.1	21.9	22.7
6H	25.1	25.7	25.9	26.5	27.4	21.9	22.5	22.6	23.2	24.1
8H	26.5	27.0	27.3	27.8	28.7	22.7	23.2	23.4	23.9	24.8
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 / - 0.3					+ 0.3 / - 0.4				

CIE Pub.117, 2643 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:2024-04-17

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:0.2120A P:25.20W PF:0.9870 Freq:60.00Hz Lamp Flux:2642.73x1 lm		
NAME: LVF1R-36-26-95C-MVUD-BL 整灯 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 革星	SUR.:36寸	Shielding Angle:

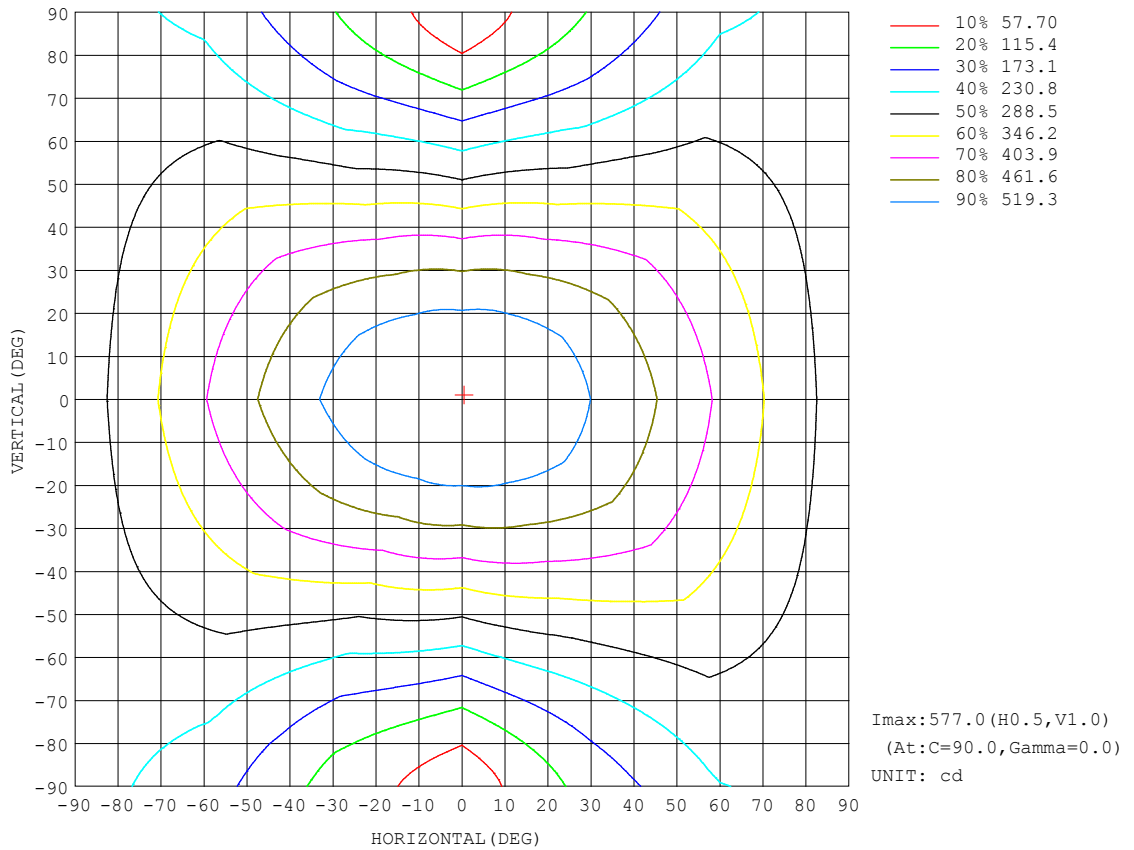
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	47	35	28	46	34	28	44	33	27	20
0.80	56	44	36	55	43	35	52	41	34	26
1.00	64	51	43	62	50	42	58	50	41	32
1.25	71	58	50	68	57	49	64	54	47	37
1.50	76	64	55	73	62	54	68	58	52	41
2.00	83	72	64	80	70	62	74	65	59	47
2.50	88	77	70	84	75	68	77	70	64	50
3.00	91	82	75	87	79	72	80	73	68	54
4.00	96	88	82	92	85	79	84	78	73	58
5.00	99	92	86	95	88	83	86	82	77	61
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:2024-04-17

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:0.2120A P:25.20W PF:0.9870 Freq:60.00Hz Lamp Flux:2642.73x1 lm		
NAME: LVF1R-36-26-95C-MVUD-BL 整灯 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 革星	SUR.:36寸	Shielding Angle:

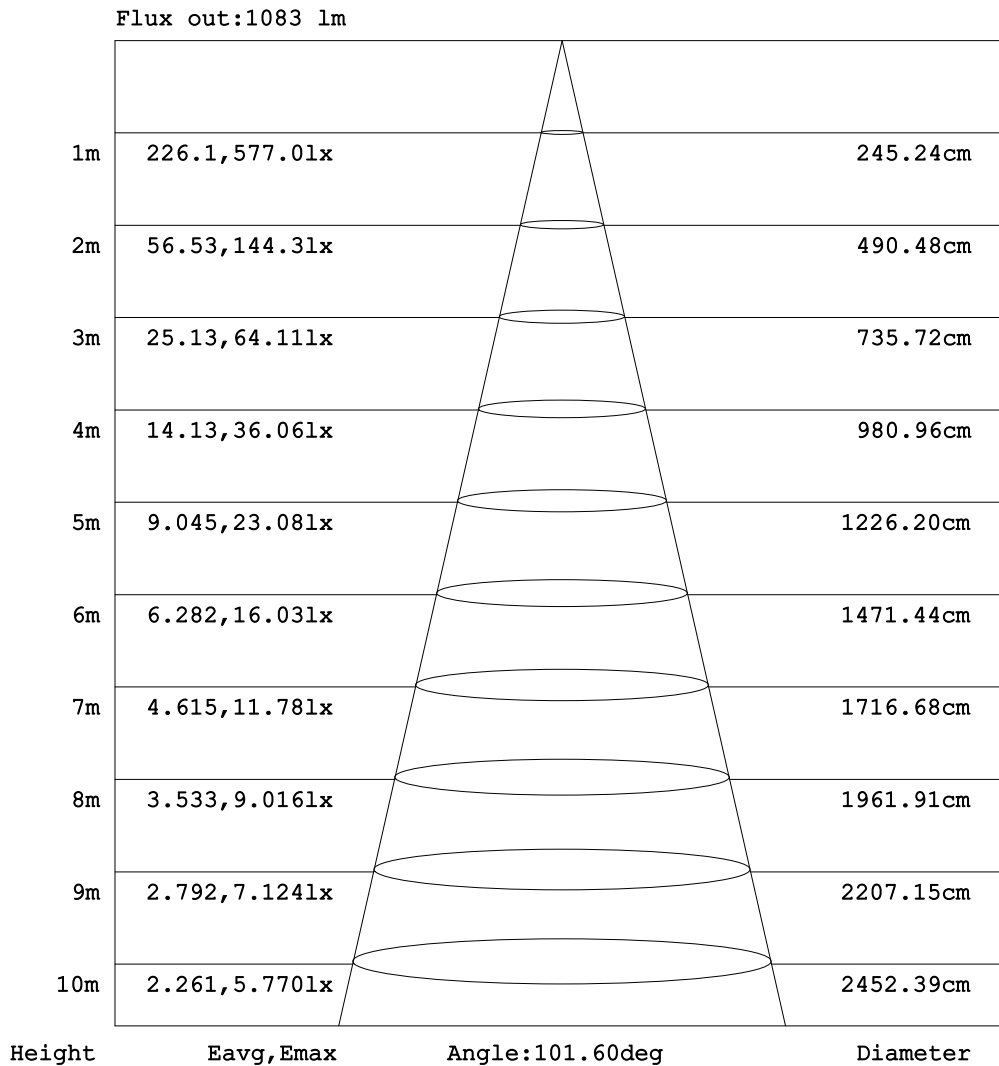


C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2024-04-17

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:0.2120A P:25.20W PF:0.9870 Freq:60.00Hz Lamp Flux:2642.73x1 lm		
NAME: LVF1R-36-26-95C-MVUD-BL 整灯 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 革星	SUR.:36寸	Shielding Angle:

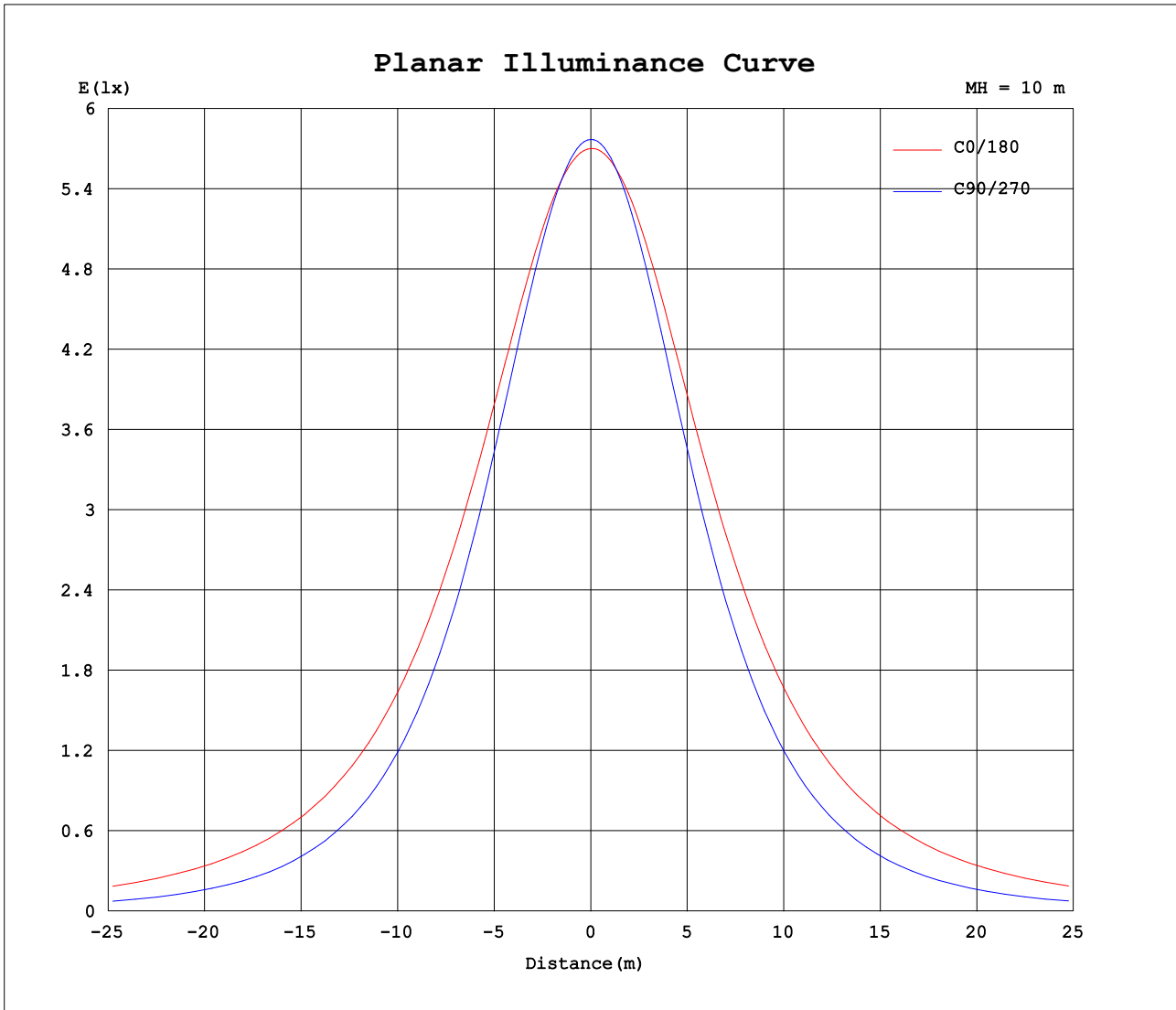


Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2024-04-17

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:2024-04-17

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:0.2120A P:25.20W PF:0.9870 Freq:60.00Hz Lamp Flux:2642.73x1 lm		
NAME: LVF1R-36-26-95C-MVUD-BL 整灯 4000K	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	570	574	576	577	577	575	570	574	576	577	577	575							
5	568	571	573	573	573	573	570	573	573	574	575	572							
10	564	565	563	562	563	567	568	567	565	563	566	566							
15	557	555	549	544	546	556	563	558	550	546	551	556							
20	546	543	529	520	524	542	555	546	531	522	531	543							
25	534	528	505	490	498	524	543	530	506	493	506	527							
30	519	511	478	456	467	504	529	512	478	460	478	508							
35	502	490	448	418	433	480	513	490	446	422	446	487							
40	483	468	416	378	397	455	494	467	412	382	412	463							
45	463	445	382	337	360	428	473	442	377	340	377	439							
50	442	420	349	294	322	400	450	415	341	297	342	413							
55	419	395	316	251	285	372	426	389	306	254	306	387							
60	395	370	284	208	249	344	401	362	271	212	272	361							
65	372	345	253	167	215	317	375	335	237	170	240	335							
70	348	321	225	128	183	291	350	309	206	130	208	310							
75	324	296	199	91.9	155	266	325	284	178	92.7	180	286							
80	300	273	175	60.1	130	243	300	260	154	59.9	156	263							
85	277	251	155	34.9	109	220	277	238	134	33.2	136	241							
90	255	229	138	21.6	94.0	200	255	218	117	19.1	119	220							
95	234	209	123	19.8	83.0	183	233	199	104	18.1	106	201							
100	214	189	106	20.1	70.3	162	213	178	89.4	18.6	90.3	181							
105	191	164	90.9	21.7	61.9	140	191	154	77.5	19.3	77.0	156							
110	171	149	82.9	23.3	58.5	130	172	142	72.6	20.8	70.7	143							
115	156	137	75.0	24.5	56.3	120	157	131	68.6	22.4	66.4	132							
120	143	126	71.6	25.3	55.3	111	144	120	65.8	23.8	61.5	121							
125	131	116	64.3	26.3	54.2	103	132	111	63.8	25.1	55.9	111							
130	118	105	57.6	27.6	52.9	95.4	120	102	61.4	26.4	50.6	98.4							
135	108	92.5	50.9	28.6	51.7	88.8	110	94.0	58.5	27.6	46.5	84.2							
140	99.2	77.8	46.2	29.6	50.4	82.5	100	87.0	56.0	28.8	43.0	71.7							
145	91.4	67.2	42.3	30.5	49.4	75.8	91.7	79.9	53.7	29.9	40.5	61.0							
150	80.6	55.1	39.2	32.4	48.4	68.9	82.6	72.3	52.1	32.2	38.7	52.6							
155	71.0	46.9	37.9	36.1	47.2	62.4	72.2	65.3	51.2	35.7	39.4	45.5							
160	63.7	40.1	39.9	39.6	45.6	57.2	62.4	59.2	50.1	39.6	42.0	40.6							
165	56.0	35.4	42.2	43.0	44.6	53.4	48.0	54.7	48.6	43.4	44.2	38.5							
170	49.7	35.4	44.2	46.0	45.4	49.0	33.7	49.9	47.6	46.6	46.5	40.3							
175	35.9	38.7	46.9	48.6	47.6	45.8	29.7	45.5	48.0	49.2	48.8	43.3							
180	29.4	43.4	49.0	50.3	49.8	46.3	29.4	43.4	48.9	50.3	49.8	46.3							

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2024-04-17

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: