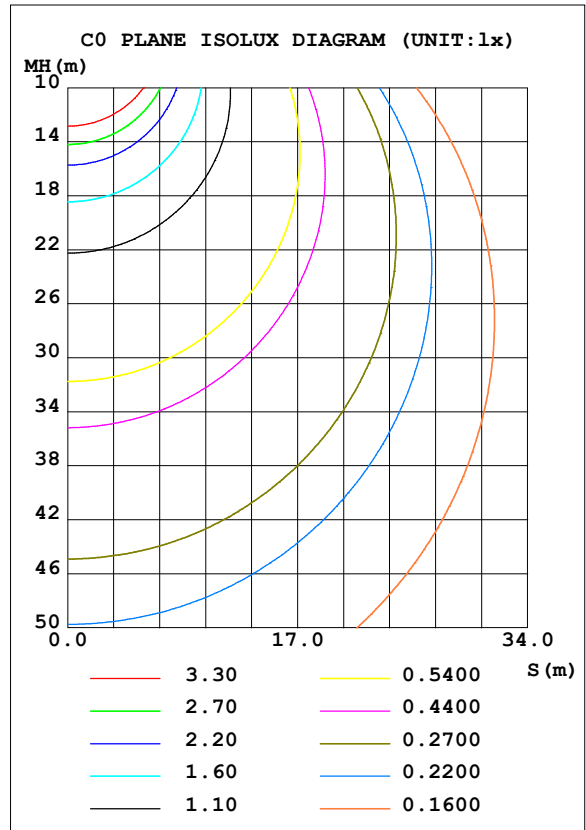
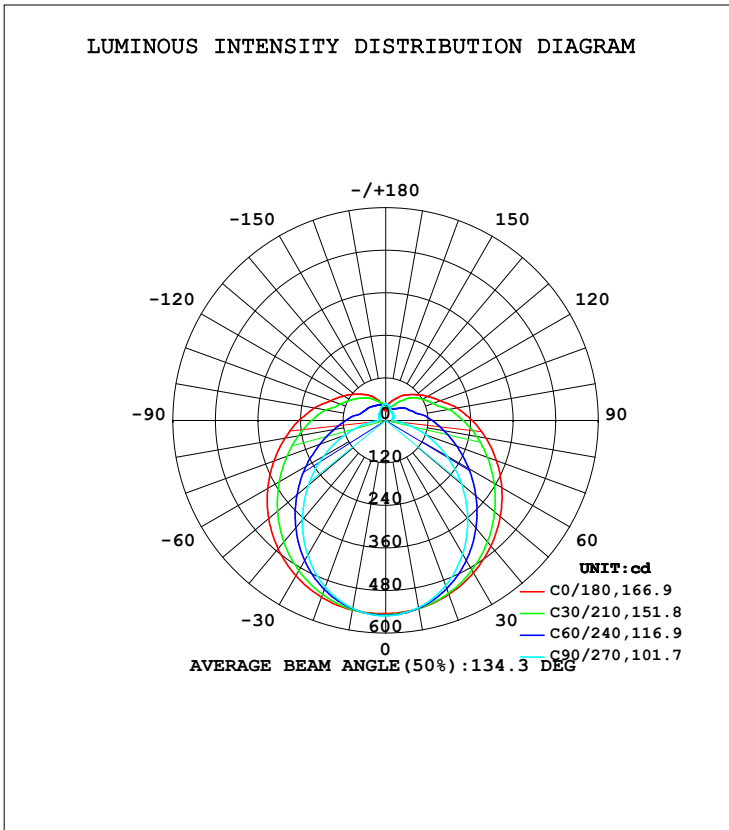


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.5V I:0.2180A P:25.90W PF:0.9880 Freq:60.00Hz Lamp Flux:2526.79x1 lm		
NAME: LVF1R-36-26-95C-MVUD-BL 整灯 5000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 革星	SUR.:36寸	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 97.56 lm/W			
MODEL		I _{max} (cd)	551.0	S/MH (C0/180)	1.39
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)	1.19
RATED VOLTAGE (V)		TOTAL FLUX (lm)	2526.8	η UP, DN (C0-180)	10.9, 38.8
NOMINAL FLUX (lm)	2526.79	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	538.9	538.2	536.0	538.7	542.9	540.8	538.3	540.3	0- 10	51.94	51.94	2.06,2.06
20	522.1	511.8	495.5	508.8	530.4	514.7	499.6	513.1	10- 20	149.0	200.9	7.95,7.95
30	495.8	471.5	434.6	463.0	506.2	473.3	439.9	471.1	20- 30	227.1	428.0	16.9,16.9
40	461.9	421.5	360.3	406.5	472.3	420.9	365.7	418.3	30- 40	278.0	706.0	27.9,27.9
50	422.1	367.0	280.3	344.9	430.9	362.8	284.7	360.6	40- 50	299.1	1005	39.8,39.8
60	378.2	311.9	198.0	283.2	384.1	303.6	202.8	302.5	50- 60	292.9	1298	51.4,51.4
70	332.7	260.1	122.1	226.1	335.6	247.1	125.1	247.2	60- 70	265.6	1564	61.9,61.9
80	287.3	214.2	57.26	176.9	288.5	199.1	57.40	199.9	70- 80	225.9	1790	70.8,70.8
90	244.0	175.1	20.59	140.4	245.0	161.2	18.32	161.9	80- 90	183.9	1973	78.1,78.1
100	204.5	140.8	19.22	110.9	204.4	128.8	17.81	129.3	90-100	149.1	2122	84,84
110	163.6	110.6	22.22	89.87	164.8	103.2	19.88	102.0	100-110	114.8	2237	88.5,88.5
120	136.8	94.42	24.27	79.47	138.6	89.32	22.79	86.96	110-120	91.00	2328	92.1,92.1
130	113.6	78.15	26.48	70.71	115.7	78.44	25.23	71.12	120-130	71.14	2399	95,95
140	95.07	59.48	28.45	63.35	96.28	68.60	27.54	54.75	130-140	52.18	2452	97,97
150	77.27	45.27	31.10	56.02	79.26	59.64	30.74	43.53	140-150	35.86	2487	98.4,98.4
160	60.95	38.33	37.94	49.23	59.89	52.38	37.95	39.33	150-160	22.73	2510	99.3,99.3
170	47.68	38.09	44.04	45.28	32.39	46.74	44.61	41.62	160-170	12.59	2523	99.8,99.8
180	28.27	44.23	48.20	46.02	28.28	44.24	48.22	46.02	170-180	4.044	2527	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 854.67 lm

%lum = 33.8%
%lamp = 33.8%

Conical surface Flux(120deg): 1298 lm

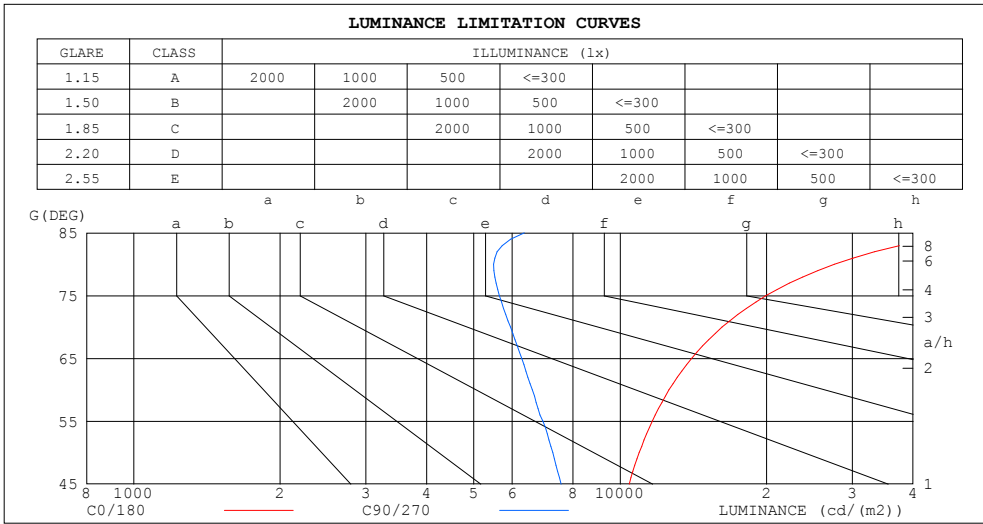
%lum = 51.4%
%lamp = 51.4%

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:0.2180A P:25.90W PF:0.9880 Freq:60.00Hz Lamp Flux:2526.79x1 lm		
NAME: LVF1R-36-26-95C-MVUD-BL 整灯 5000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 革星	SUR.:36寸	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	50720	6350
80	27572	5496
75	19951	5648
70	16211	5951
65	14019	6275
60	12607	6598
55	11637	6936
50	10944	7268
45	10436	7563

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:0.2180A P:25.90W PF:0.9880 Freq:60.00Hz Lamp Flux:2526.79x1 lm														
NAME: LVF1R-36-26-95C-MVUD-BL 整灯 5000K							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	.159	.117	.104	.093	.038	.034	.030	
3.0	.339	.285	.242	.291	.246	.209	.199	.171	.147	.115	.100	.087	.037	.032	.028	
4.0	.331	.272	.227	.284	.235	.198	.195	.164	.139	.113	.096	.082	.036	.031	.027	
5.0	.324	.263	.218	.278	.227	.189	.191	.159	.134	.111	.093	.079	.036	.030	.026	
6.0	.316	.255	.211	.272	.221	.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	.303	.243	.201	.260	.210	.176	.180	.148	.125	.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	.291	.234	.196	.251	.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:0.2180A P:25.90W PF:0.9880 Freq:60.00Hz Lamp Flux:2526.79x1 lm										
NAME: LVF1R-36-26-95C-MVUD-BL 整灯 5000K					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	16.7	17.4
3H	19.9	21.2	20.5	21.7	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	18.8	18.4	19.5	20.2
12H	25.1	26.1	25.7	26.7	27.5	18.0	19.0	18.6	19.6	20.4
4H 2H	17.8	19.0	18.4	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	24.0	24.8	18.9	19.8	19.5	20.4	21.2
6H	24.3	25.1	25.0	25.8	26.7	19.6	20.5	20.3	21.1	22.0
8H	25.4	26.1	26.1	26.8	27.7	20.0	20.7	20.7	21.4	22.3
12H	26.5	27.3	27.3	28.0	28.8	20.2	20.9	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	25.7	26.4	27.3	21.2	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	24.0
12H	27.7	28.2	28.5	29.0	29.9	22.4	22.9	23.1	23.6	24.5
12H 4H	22.9	23.6	23.6	24.3	25.1	20.4	21.1	21.1	21.8	22.7
6H	25.1	25.7	25.9	26.5	27.4	21.9	22.4	22.6	23.2	24.1
8H	26.5	27.0	27.3	27.8	28.7	22.6	23.1	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, 2527 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 3.2)

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:0.2180A P:25.90W PF:0.9880 Freq:60.00Hz Lamp Flux:2526.79x1 lm		
NAME: LVF1R-36-26-95C-MVUD-BL 整灯 5000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 革星	SUR.:36寸	Shielding Angle:

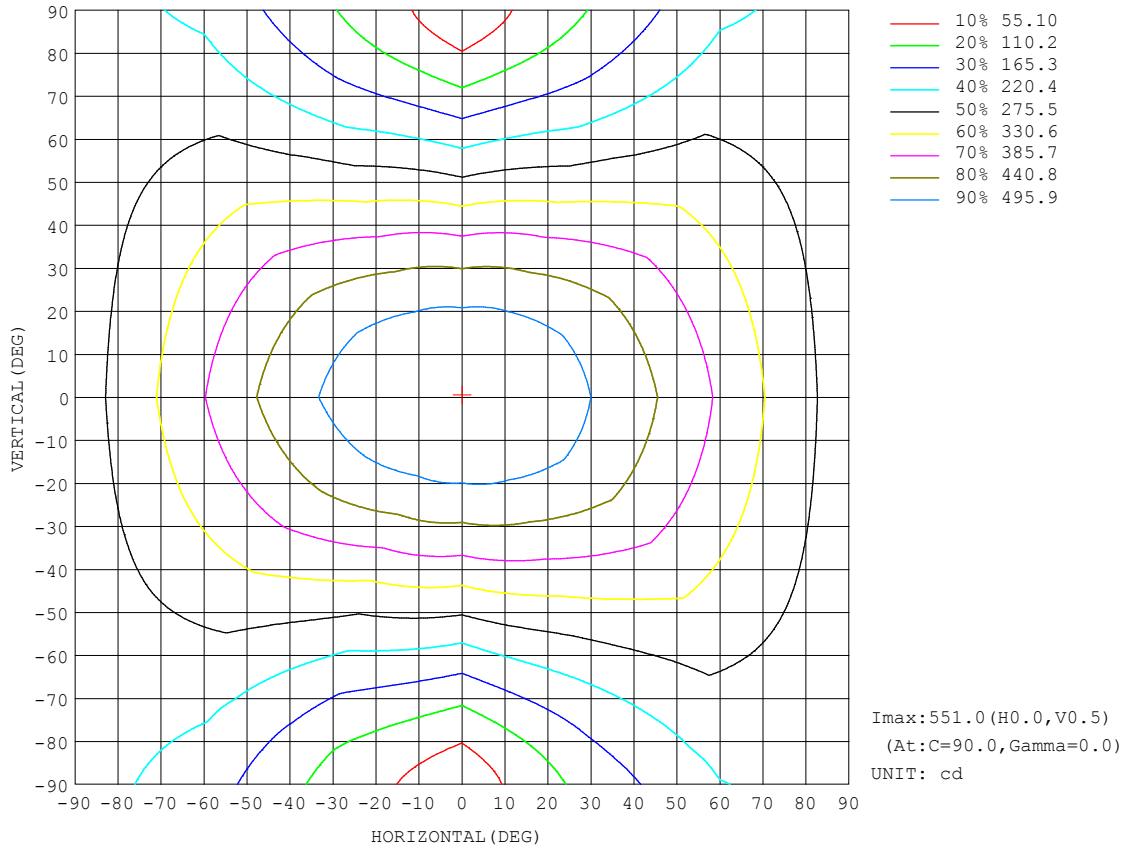
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	47	35	28	46	34	28	44	33	27	20
0.80	56	43	36	55	43	35	52	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:0.2180A P:25.90W PF:0.9880 Freq:60.00Hz Lamp Flux:2526.79x1 lm		
NAME: LVF1R-36-26-95C-MVUD-BL 整灯 5000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 革星	SUR.:36寸	Shielding Angle:

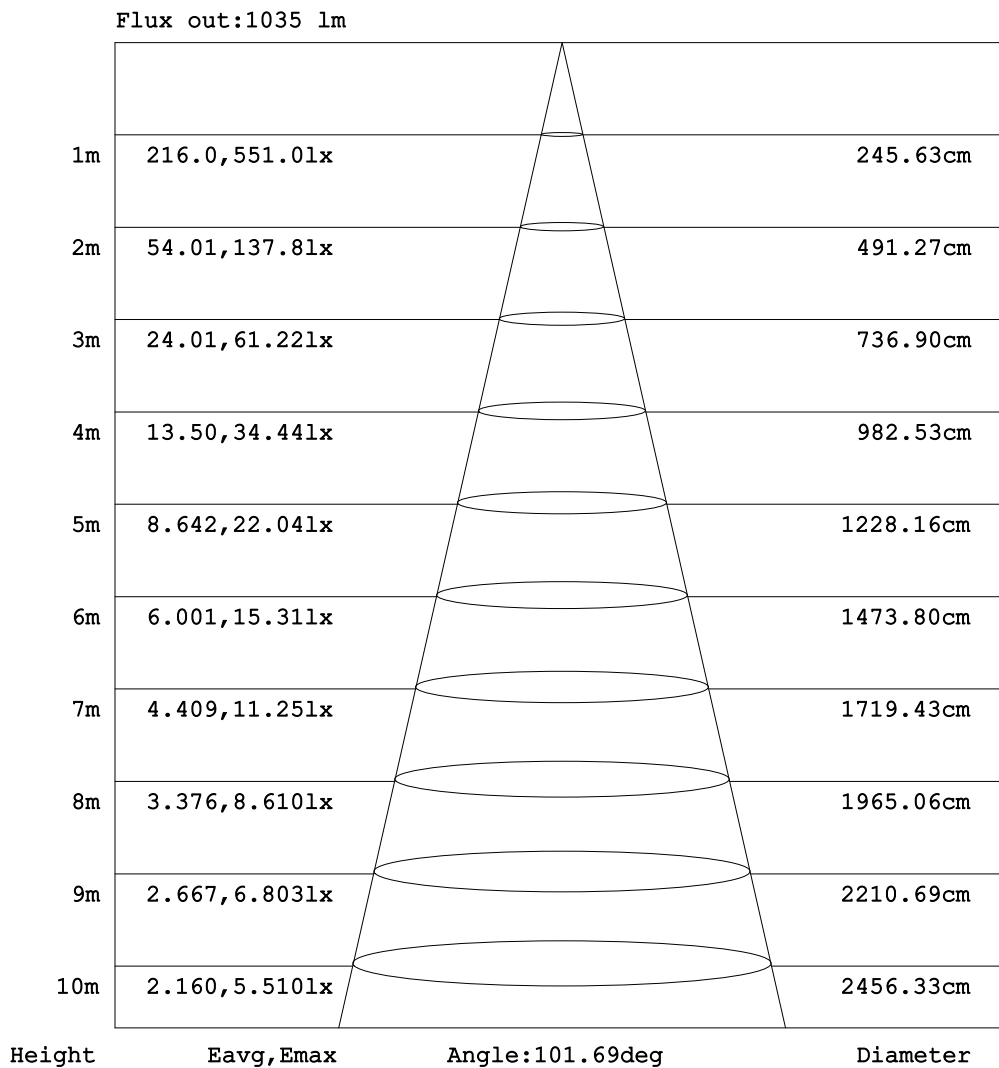


C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2024-04-17

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:0.2180A P:25.90W PF:0.9880 Freq:60.00Hz Lamp Flux:2526.79x1 lm		
NAME: LVF1R-36-26-95C-MVUD-BL 整灯 5000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 革星	SUR.:36寸	Shielding Angle:

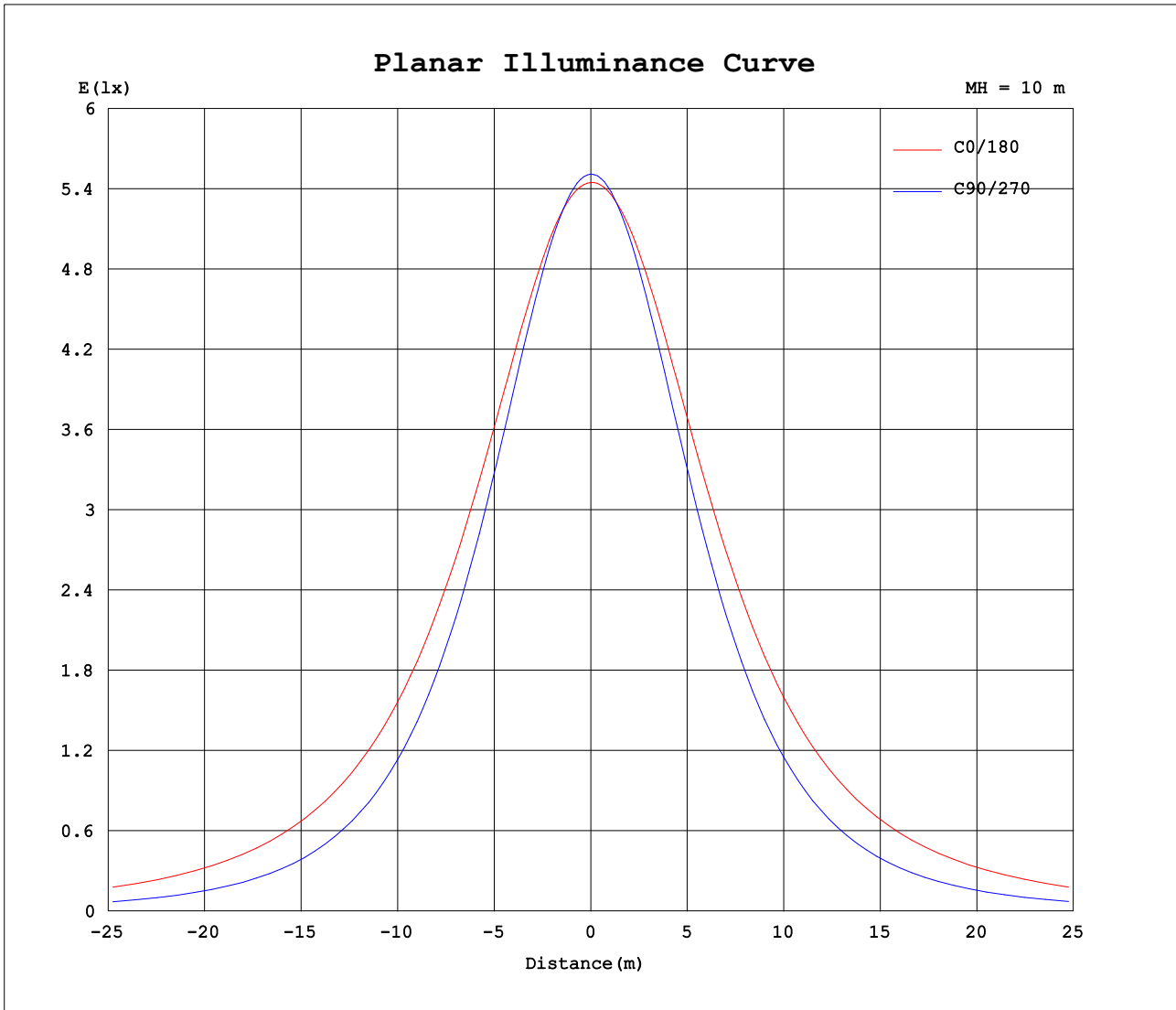


Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.2180A P:25.90W PF:0.9880 Freq:60.00Hz Lamp Flux:2526.79x1 lm		
NAME: LVF1R-36-26-95C-MVUD-BL 整灯 5000K	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	545	548	550	551	551	549	545	548	550	551	551	549							
5	543	545	547	547	547	547	545	547	548	548	549	546							
10	539	539	538	536	537	541	543	542	539	538	540	540							
15	532	530	523	519	521	531	538	534	526	522	526	531							
20	522	519	505	495	500	517	530	522	507	500	507	519							
25	510	504	482	467	475	501	520	507	484	472	484	504							
30	496	487	456	435	445	481	506	490	457	440	457	486							
35	480	468	427	399	413	459	490	469	427	404	426	465							
40	462	447	396	360	378	435	472	447	395	366	394	443							
45	443	425	364	321	343	409	452	423	361	326	360	419							
50	422	401	333	280	307	383	431	398	327	285	326	395							
55	400	378	301	239	271	356	408	373	293	244	292	370							
60	378	353	270	198	237	330	384	347	260	203	260	345							
65	355	330	241	159	204	304	360	321	227	163	227	320							
70	333	306	214	122	174	278	336	297	198	125	198	297							
75	310	283	189	87.7	147	255	312	273	171	88.9	171	274							
80	287	261	167	57.3	123	231	288	250	148	57.4	148	252							
85	265	240	148	33.2	103	211	266	229	129	31.9	129	231							
90	244	218	132	20.6	88.7	192	245	210	113	18.3	113	211							
95	224	200	117	18.9	78.3	175	223	192	101	17.3	99.9	193							
100	205	181	101	19.2	66.4	155	204	172	86.0	17.8	85.4	173							
105	183	157	86.8	20.7	58.4	135	183	148	74.5	18.5	72.8	149							
110	164	142	79.1	22.2	55.3	124	165	136	69.9	19.9	66.9	137							
115	150	131	71.6	23.5	53.3	115	151	126	66.0	21.4	62.9	126							
120	137	120	68.5	24.3	52.4	107	139	115	63.3	22.8	58.1	116							
125	125	111	61.6	25.3	51.3	98.6	127	106	61.3	24.0	52.9	106							
130	114	101	55.3	26.5	50.1	91.4	116	98.0	58.9	25.2	48.1	94.1							
135	104	88.6	48.8	27.5	48.8	85.0	105	90.3	56.1	26.4	44.3	80.5							
140	95.1	74.7	44.3	28.5	47.7	79.0	96.3	83.5	53.7	27.5	41.0	68.5							
145	87.6	64.5	40.6	29.3	46.9	72.6	88.0	76.6	51.5	28.5	38.5	58.2							
150	77.3	52.9	37.6	31.1	46.0	66.0	79.3	69.3	49.9	30.7	36.8	50.2							
155	68.1	45.1	36.3	34.6	44.9	59.9	69.3	62.6	49.1	34.2	37.6	43.4							
160	60.9	38.5	38.1	37.9	43.6	54.9	59.9	56.8	47.9	38.0	40.0	38.7							
165	53.6	34.0	40.4	41.2	42.8	51.3	46.2	52.5	46.5	41.6	42.2	36.7							
170	47.7	34.0	42.2	44.0	43.5	47.1	32.4	47.9	45.6	44.6	44.7	38.5							
175	34.4	37.0	44.8	46.5	45.5	43.9	28.6	43.6	46.0	47.1	46.8	41.5							
180	28.3	41.6	46.9	48.2	47.6	44.4	28.3	41.6	46.9	48.2	47.7	44.4							

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: