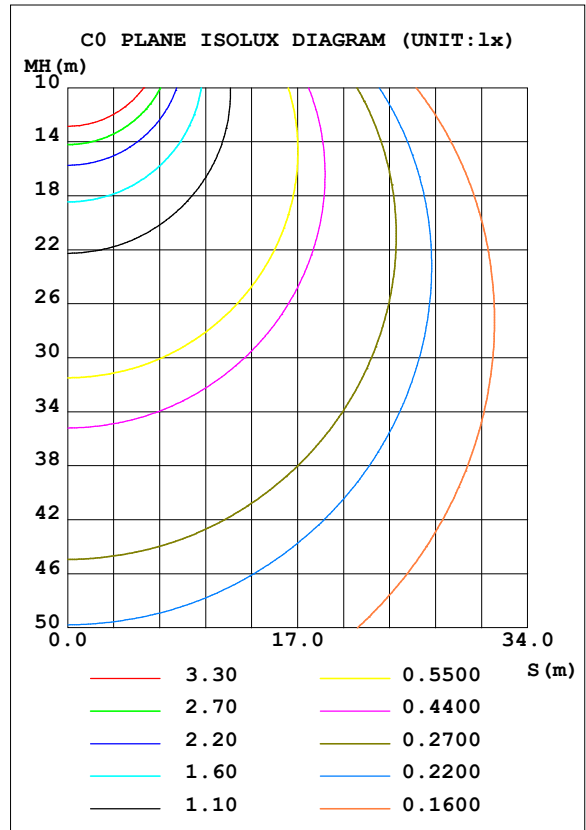
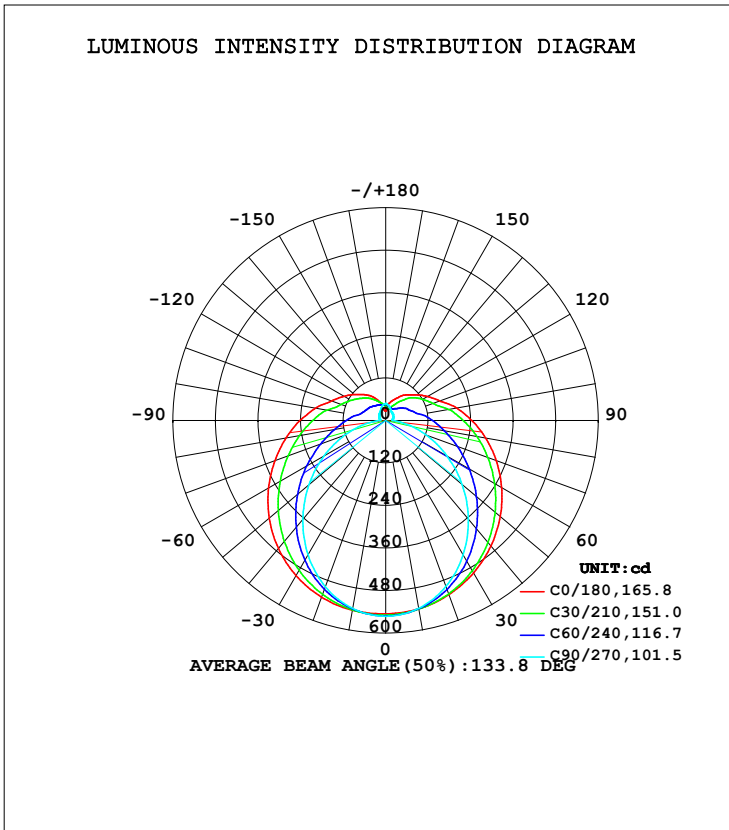


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.5V I:0.2120A P:25.30W PF:0.9870 Freq:60.00Hz Lamp Flux:2522.49x1 lm		
NAME: LVF1R-36-26-95C-MVUD-BL 整灯 3000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 革星	SUR.:36寸	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 99.70 lm/W			
MODEL		I _{max} (cd)	552.3	S/MH (C0/180)	1.38
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)	1.19
RATED VOLTAGE (V)		TOTAL FLUX (lm)	2522.5	η UP, DN (C0-180)	10.9, 39.0
NOMINAL FLUX (lm)	2522.49	CIE CLASS	SEMI-D.	η UP, DN (C180-360)	10.9, 39.2
LAMPS INSIDE	1	η up (%)	21.8	CIBSE SHR NOM	1.50
TEST VOLTAGE (V)		η down (%)	78.2	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	539.5	540.0	538.2	540.6	543.3	541.2	538.7	541.4	0- 10	52.05	52.05	2.06,2.06
20	522.6	513.9	498.2	510.8	530.4	514.1	498.8	513.7	10- 20	149.3	201.3	7.98,7.98
30	496.3	473.8	437.4	465.0	505.6	472.0	438.3	471.3	20- 30	227.4	428.7	17,17
40	462.1	423.6	362.6	408.1	471.0	418.9	363.8	418.0	30- 40	278.2	706.9	28,28
50	422.0	368.8	282.2	345.9	428.9	360.2	282.8	360.2	40- 50	299.1	1006	39.9,39.9
60	377.8	313.4	199.2	283.7	381.6	300.7	201.1	301.9	50- 60	292.6	1299	51.5,51.5
70	332.0	261.2	122.7	226.5	332.6	244.2	124.0	246.5	60- 70	265.0	1564	62,62
80	286.4	215.0	57.60	177.1	285.3	196.4	56.82	199.3	70- 80	225.2	1789	70.9,70.9
90	243.1	175.6	20.67	140.3	242.0	158.7	18.22	161.5	80- 90	183.0	1972	78.2,78.2
100	203.5	141.0	19.25	110.7	201.6	126.8	17.72	128.9	90-100	148.2	2120	84,84
110	162.7	110.6	22.26	89.60	162.7	101.5	19.80	101.6	100-110	114.0	2234	88.6,88.6
120	135.9	94.36	24.21	79.31	136.9	88.13	22.78	86.89	110-120	90.43	2325	92.2,92.2
130	112.9	77.91	26.35	70.61	114.5	77.71	25.26	71.40	120-130	70.80	2395	95,95
140	94.88	59.37	28.32	63.35	95.40	68.18	27.59	55.08	130-140	52.03	2447	97,97
150	77.14	45.32	30.96	56.03	78.71	59.39	30.74	43.46	140-150	35.80	2483	98.4,98.4
160	61.17	38.64	37.90	49.09	59.26	52.05	37.81	39.43	150-160	22.70	2506	99.3,99.3
170	48.02	38.50	44.00	45.00	31.55	46.25	44.50	41.47	160-170	12.56	2518	99.8,99.8
180	28.00	44.20	48.12	45.73	28.00	44.19	48.13	45.72	170-180	4.031	2522	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 855.7 lm

%lum = 33.9%
%lamp = 33.9%

Conical surface Flux(120deg): 1298.7 lm

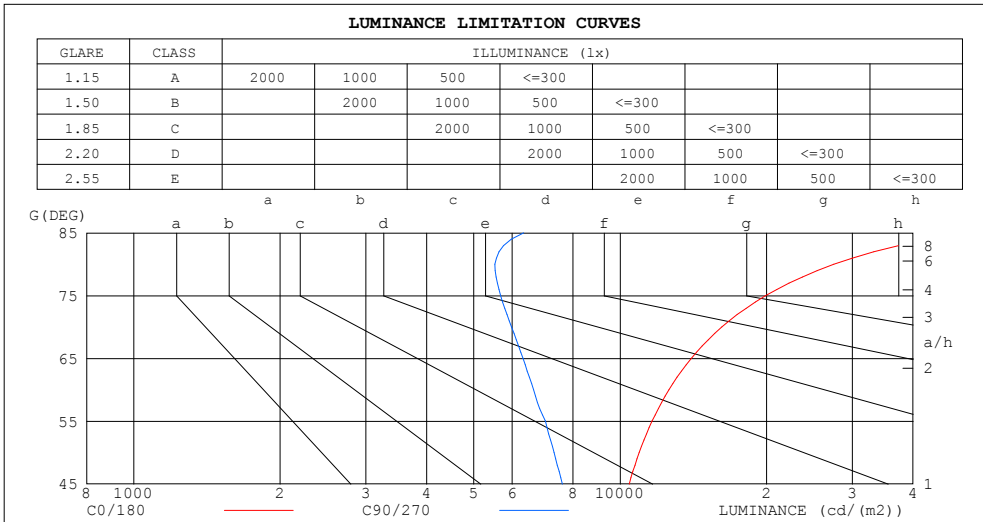
%lum = 51.5%
%lamp = 51.5%

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:25.30W PF:0.9870 Freq:60.00Hz Lamp Flux:2522.49x1 lm		
NAME: LVF1R-36-26-95C-MVUD-BL 整灯 3000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 革星	SUR.:36寸	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	50539	6334
80	27489	5529
75	19907	5678
70	16180	5980
65	14001	6314
60	12594	6639
55	11632	7019
50	10942	7317
45	10434	7612

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:25.30W PF:0.9870 Freq:60.00Hz Lamp Flux:2522.49x1 lm		
NAME: LVF1R-36-26-95C-MVUD-BL 整灯 3000K	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	.378	.215	.068	.365	.208	.066	.339	.194	.062	.315	.182	.058	.293	.170	.055	
2.0	.327	.179	.055	.315	.173	.053	.291	.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	.323	.297	.302	.277	.255	.206	.191	.177	.119	.110	.103	.038	.036	.033	
2.0	.346	.301	.263	.296	.259	.227	.203	.179	.158	.117	.104	.093	.038	.034	.030	
3.0	.338	.284	.241	.290	.245	.209	.199	.170	.147	.115	.099	.086	.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	.277	.227	.189	.191	.158	.133	.111	.093	.079	.036	.030	.026	
6.0	.316	.254	.210	.271	.220	.183	.187	.154	.129	.109	.091	.077	.035	.030	.025	
7.0	.309	.248	.205	.265	.215	.178	.183	.150	.126	.107	.089	.075	.034	.029	.025	
8.0	.302	.242	.201	.260	.210	.175	.180	.147	.124	.105	.087	.074	.034	.029	.025	
9.0	.296	.237	.198	.255	.206	.173	.177	.145	.122	.103	.085	.073	.033	.028	.024	
10.0	.290	.233	.195	.250	.202	.170	.173	.142	.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:25.30W PF:0.9870 Freq:60.00Hz Lamp Flux:2522.49x1 lm										
NAME: LVF1R-36-26-95C-MVUD-BL 整灯 3000K					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	19.8	14.9	16.2	15.5	16.8	17.4
3H	20.0	21.2	20.6	21.8	22.4	16.5	17.7	17.0	18.2	18.9
4H	21.4	22.6	22.1	23.2	23.9	17.1	18.3	17.7	18.9	19.6
6H	23.1	24.2	23.7	24.8	25.5	17.6	18.7	18.3	19.4	20.1
8H	24.0	25.0	24.6	25.7	26.4	17.9	18.9	18.5	19.5	20.3
12H	25.1	26.1	25.7	26.7	27.5	18.0	19.0	18.7	19.7	20.4
4H 2H	17.9	19.0	18.5	19.6	20.3	16.2	17.3	16.8	17.9	18.6
3H	20.8	21.8	21.4	22.5	23.2	18.0	19.0	18.7	19.7	20.4
4H	22.5	23.4	23.1	24.1	24.8	18.9	19.8	19.6	20.5	21.3
6H	24.3	25.2	25.0	25.9	26.7	19.7	20.5	20.4	21.2	22.0
8H	25.4	26.1	26.1	26.8	27.7	20.0	20.8	20.7	21.5	22.3
12H	26.6	27.3	27.3	28.0	28.8	20.3	21.0	21.0	21.7	22.6
8H 4H	22.8	23.6	23.6	24.3	25.2	20.1	20.8	20.8	21.5	22.4
6H	25.0	25.7	25.8	26.4	27.3	21.3	21.9	22.0	22.7	23.5
8H	26.3	26.9	27.0	27.6	28.5	21.9	22.5	22.6	23.2	24.1
12H	27.7	28.2	28.5	29.0	29.9	22.4	22.9	23.2	23.7	24.6
12H 4H	22.9	23.6	23.6	24.3	25.2	20.4	21.2	21.2	21.9	22.7
6H	25.2	25.7	25.9	26.5	27.4	21.9	22.5	22.7	23.2	24.1
8H	26.5	27.1	27.3	27.8	28.7	22.7	23.2	23.4	24.0	24.9
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 / - 0.4				

CIE Pub.117, 2522 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:0.2120A P:25.30W PF:0.9870 Freq:60.00Hz Lamp Flux:2522.49x1 lm		
NAME: LVF1R-36-26-95C-MVUD-BL 整灯 3000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 革星	SUR.:36寸	Shielding Angle:

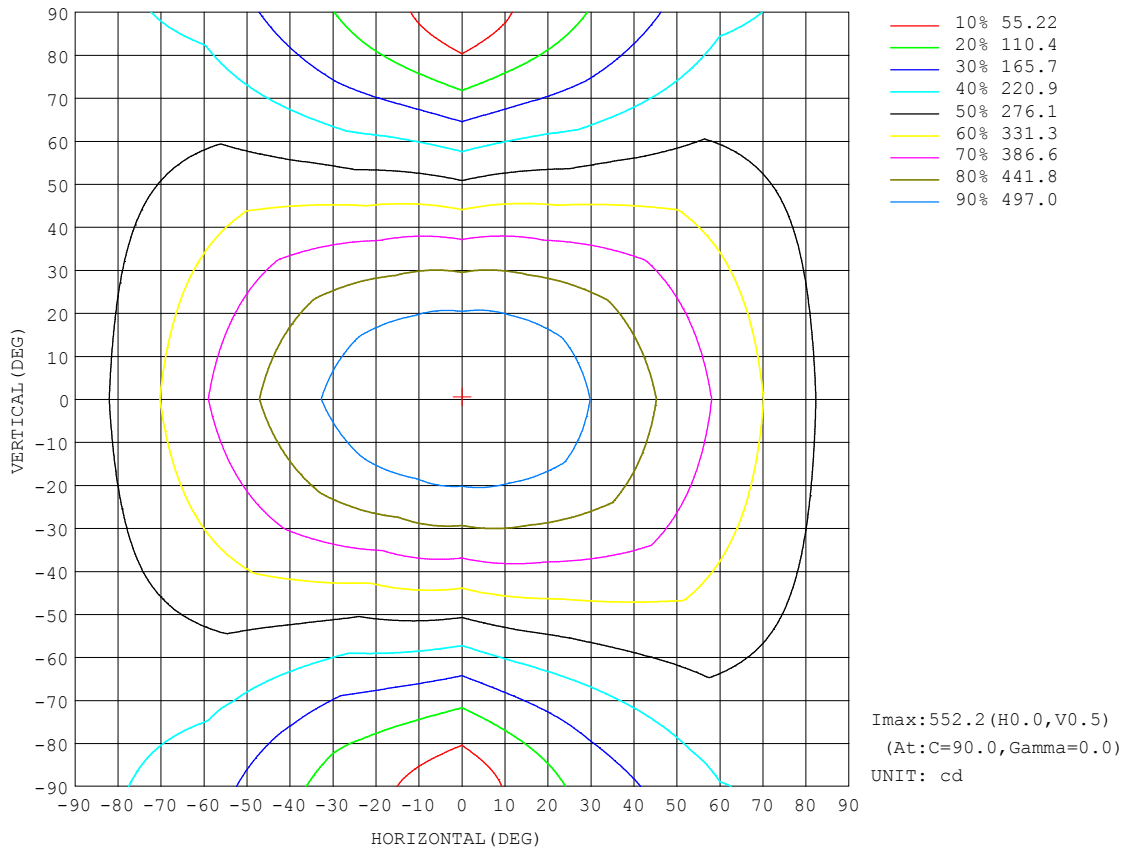
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	47	35	28	46	35	28	44	33	27	20
0.80	56	44	36	55	43	35	52	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	59	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	74	68	54
4.00	96	88	82	92	85	79	84	78	74	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:25.30W PF:0.9870 Freq:60.00Hz Lamp Flux:2522.49x1 lm		
NAME: LVF1R-36-26-95C-MVUD-BL 整灯 3000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 革星	SUR.:36寸	Shielding Angle:

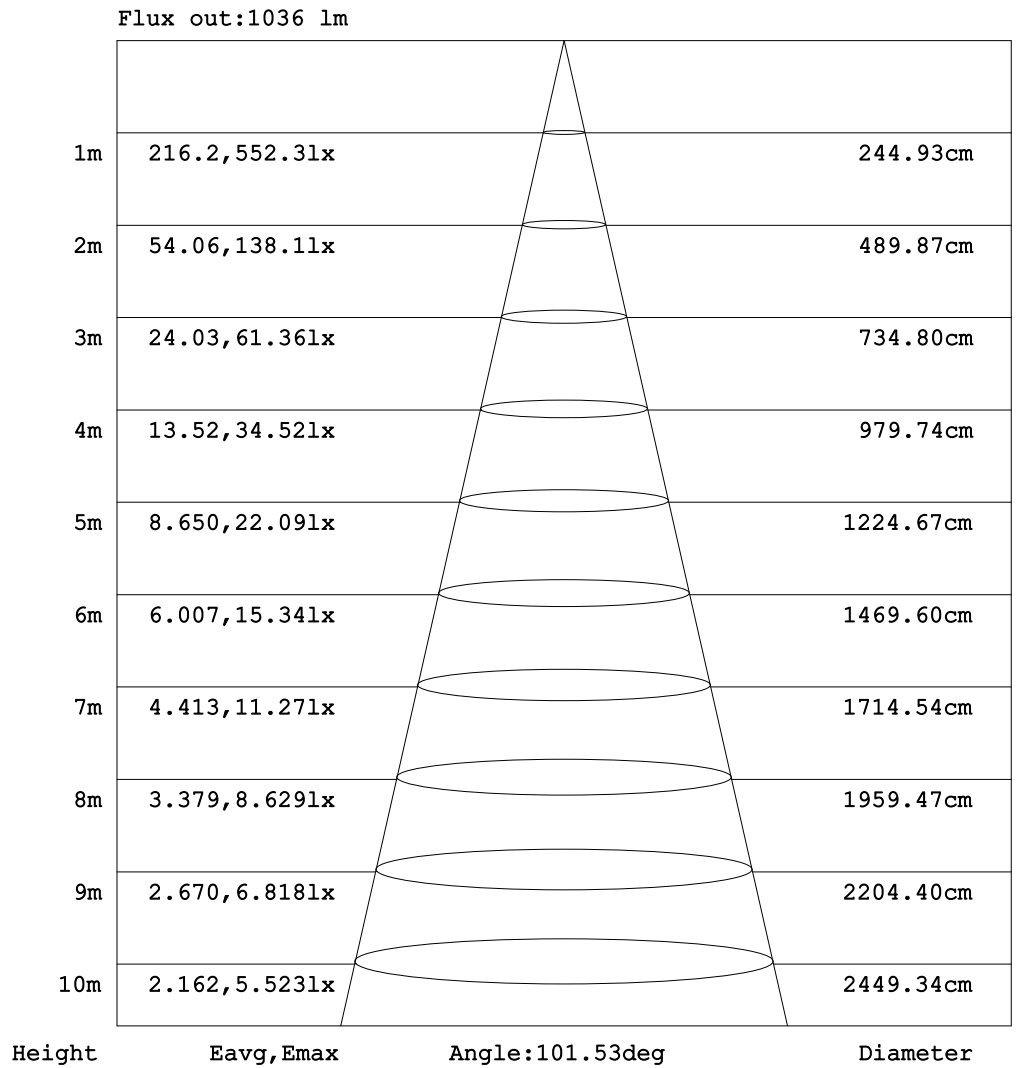


C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2024-04-17

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:25.30W PF:0.9870 Freq:60.00Hz Lamp Flux:2522.49x1 lm		
NAME: LVF1R-36-26-95C-MVUD-BL 整灯 3000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 革星	SUR.:36寸	Shielding Angle:

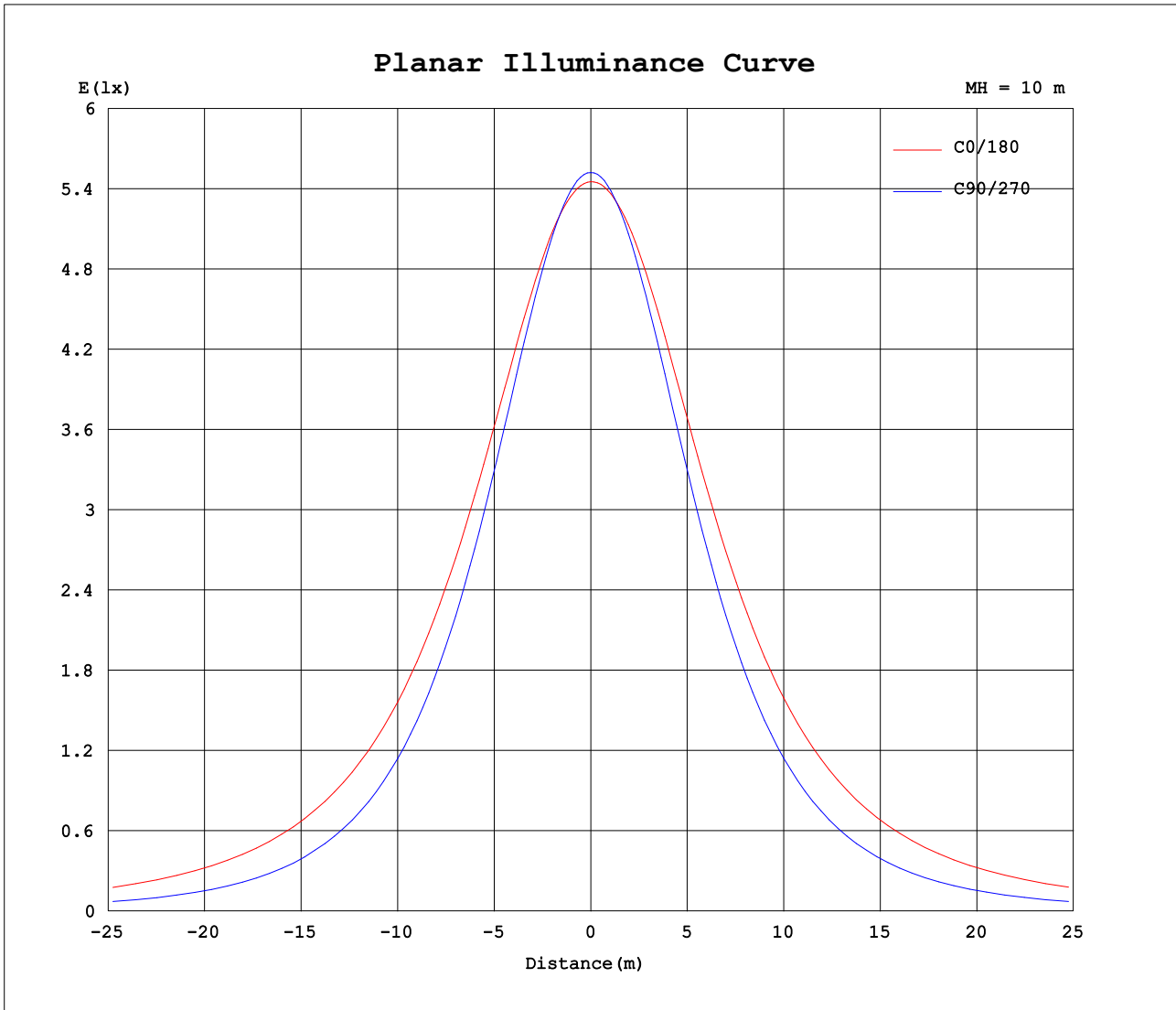


Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:25.30W PF:0.9870 Freq:60.00Hz Lamp Flux:2522.49x1 lm		
NAME: LVF1R-36-26-95C-MVUD-BL 整灯 3000K	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	549	551	552	552	550	545	549	551	552	552	550							
5	543	546	548	549	548	548	545	548	548	549	550	548							
10	540	540	540	538	539	543	543	543	540	539	541	542							
15	532	532	526	521	523	533	539	534	526	522	527	532							
20	523	521	507	498	502	519	530	521	507	499	508	520							
25	510	506	484	470	477	502	519	506	483	471	484	504							
30	496	489	458	437	448	482	506	488	456	438	456	486							
35	480	470	429	401	415	460	489	468	425	402	426	466							
40	462	449	398	363	381	436	471	445	393	364	393	443							
45	443	427	367	323	345	410	451	421	359	324	360	419							
50	422	403	334	282	309	383	429	395	325	283	326	395							
55	400	379	303	242	273	356	406	370	291	242	292	370							
60	378	355	272	199	238	329	382	344	258	201	259	344							
65	355	331	243	160	205	303	357	318	225	162	226	320							
70	332	307	215	123	175	278	333	293	196	124	198	296							
75	309	284	190	88.2	148	254	309	269	169	88.0	171	272							
80	286	262	168	57.6	124	230	285	247	146	56.8	148	250							
85	264	241	149	33.1	104	210	263	226	127	31.5	129	230							
90	243	219	132	20.7	89.4	191	242	206	111	18.2	113	210							
95	223	200	118	19.0	78.8	174	220	188	98.9	17.2	100	192							
100	204	181	101	19.2	66.7	155	202	169	84.9	17.7	85.8	172							
105	182	157	86.9	20.7	58.7	134	181	146	73.4	18.5	73.2	148							
110	163	142	79.0	22.3	55.6	124	163	134	68.8	19.8	67.2	136							
115	149	131	71.7	23.5	53.5	114	149	124	65.0	21.4	63.0	126							
120	136	120	68.4	24.2	52.6	106	137	114	62.4	22.8	58.7	115							
125	125	111	61.4	25.2	51.6	98.2	125	105	60.6	24.0	53.7	106							
130	113	101	55.0	26.4	50.3	91.0	115	97.0	58.4	25.3	48.8	94.0							
135	103	88.6	48.7	27.4	49.1	84.7	104	89.6	55.8	26.5	44.5	80.8							
140	94.9	74.5	44.3	28.3	47.9	78.8	95.4	82.9	53.4	27.6	41.1	69.1							
145	87.4	64.3	40.6	29.2	47.0	72.5	87.4	76.2	51.3	28.6	38.7	58.8							
150	77.1	52.9	37.7	31.0	46.1	65.9	78.7	69.0	49.8	30.7	37.0	49.9							
155	68.2	45.1	36.7	34.5	44.9	59.7	68.8	62.3	48.9	34.1	37.6	43.5							
160	61.2	38.7	38.6	37.9	43.5	54.7	59.3	56.4	47.7	37.8	40.0	38.8							
165	54.0	34.2	40.9	41.1	42.4	51.1	45.3	51.9	46.3	41.4	42.1	36.8							
170	48.0	34.3	42.7	44.0	43.2	46.8	31.5	47.3	45.2	44.5	44.4	38.5							
175	34.7	37.4	45.1	46.4	45.3	43.6	27.9	43.1	45.8	47.1	46.4	41.4							
180	28.0	41.6	46.8	48.1	47.4	44.1	28.0	41.6	46.8	48.1	47.4	44.1							

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: