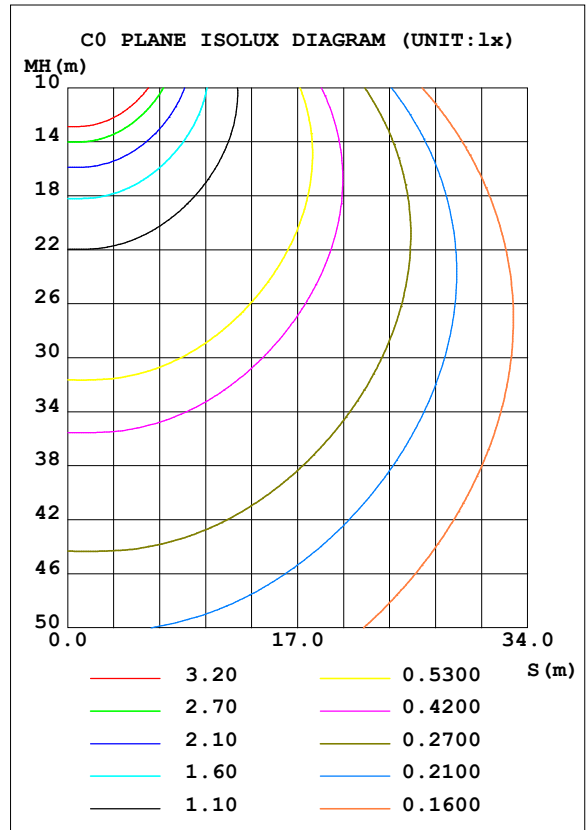
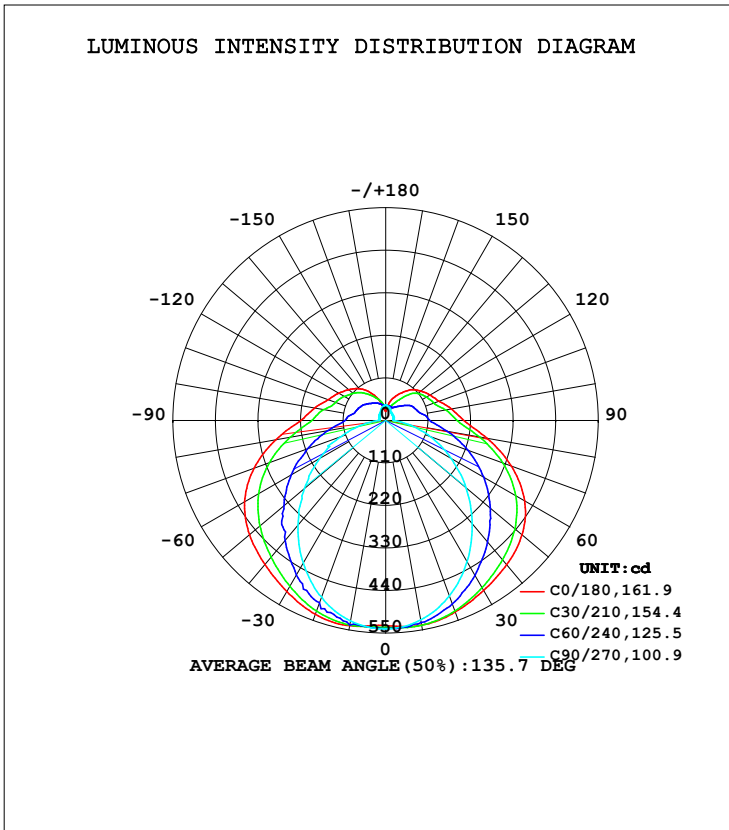


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.5V I:0.2160A P:25.70W PF:0.9880 Freq:60.00Hz Lamp Flux:2558.07x1 lm		
NAME: LVF1S-36-26-95C-MVUD-NS 整灯 5000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 革星	SUR.:36寸	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 99.54 lm/W			
MODEL		I _{max} (cd)	540.3	S/MH (C0/180)	1.44
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)	1.18
RATED VOLTAGE (V)		TOTAL FLUX (lm)	2558.1	η UP, DN (C0-180)	10.5, 39.1
NOMINAL FLUX (lm)	2558.07	CIE CLASS	SEMI-D.	η UP, DN (C180-360)	10.8, 39.7
LAMPS INSIDE	1	η up (%)	21.3	CIBSE SHR NOM	1.50
TEST VOLTAGE (V)		η down (%)	78.7	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	537.3	534.1	523.8	530.3	539.0	536.8	526.3	535.1	0- 10	51.07	51.07	2,2
20	527.1	514.4	482.5	505.1	533.3	512.7	485.6	515.9	10- 20	148.1	199.2	7.79,7.79
30	507.2	480.7	421.3	465.7	510.9	478.8	426.5	476.8	20- 30	227.4	426.5	16.7,16.7
40	486.9	440.1	348.3	415.6	486.1	432.9	352.9	431.0	30- 40	281.9	708.4	27.7,27.7
50	460.5	394.7	271.7	361.7	459.7	384.4	274.3	381.0	40- 50	310.4	1019	39.8,39.8
60	414.8	340.3	194.6	304.7	421.3	330.7	197.6	323.3	50- 60	311.7	1330	52,52
70	346.0	274.5	123.4	241.6	362.5	267.5	123.8	256.1	60- 70	284.2	1615	63.1,63.1
80	265.9	203.9	59.25	175.3	288.3	200.6	57.66	187.3	70- 80	230.6	1845	72.1,72.1
90	202.5	149.6	20.84	126.7	219.3	148.4	18.23	136.0	80- 90	168.5	2014	78.7,78.7
100	172.9	127.8	19.77	109.5	187.0	126.6	17.59	115.6	90-100	133.8	2148	84,84
110	147.2	108.6	21.41	94.60	158.1	109.0	18.74	99.52	100-110	109.9	2258	88.3,88.3
120	132.4	99.18	22.16	86.79	141.1	99.27	20.57	89.37	110-120	92.53	2350	91.9,91.9
130	118.6	84.40	22.85	77.41	124.5	88.10	22.28	74.70	120-130	75.06	2425	94.8,94.8
140	104.1	66.02	24.07	67.67	107.6	75.91	24.14	58.99	130-140	56.25	2481	97,97
150	82.81	48.07	26.61	57.44	85.19	63.68	27.52	45.39	140-150	37.94	2519	98.5,98.5
160	63.71	39.10	32.24	48.17	60.40	52.98	32.93	38.94	150-160	23.15	2543	99.4,99.4
170	43.42	35.21	37.26	40.69	31.51	42.60	37.89	38.05	160-170	12.00	2555	99.9,99.9
180	23.90	36.74	40.82	38.49	23.91	36.77	40.85	38.47	170-180	3.556	2558	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 861.65 lm

%lum = 33.7%

%lamp = 33.7%

Conical surface Flux(120deg): 1330.5 lm

%lum = 52.0%

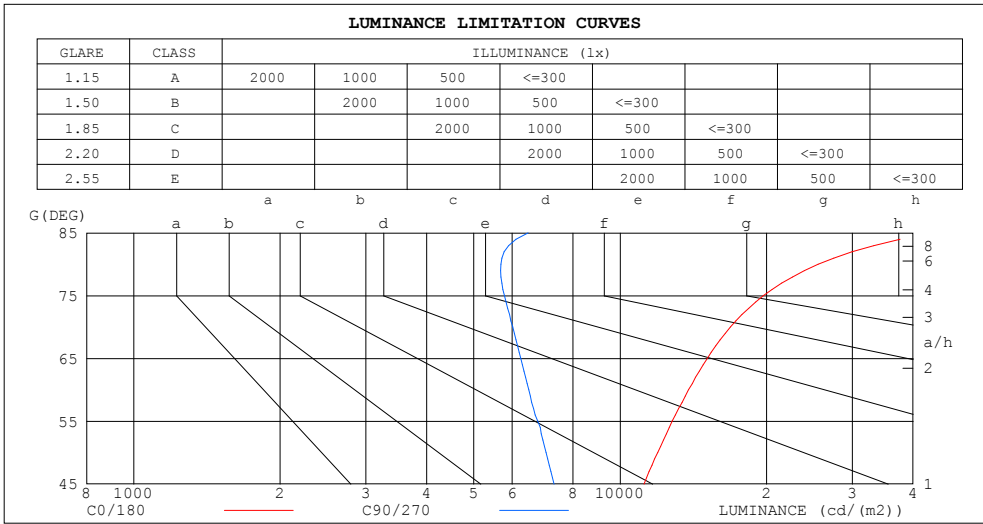
%lamp = 52.0%

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:0.2160A P:25.70W PF:0.9880 Freq:60.00Hz Lamp Flux:2558.07x1 lm		
NAME: LVF1S-36-26-95C-MVUD-NS 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	43780	6468
80	25517	5687
75	19706	5782
70	16859	6012
65	15101	6247
60	13828	6487
55	12799	6769
50	11940	7045
45	11199	7311

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:0.2160A P:25.70W PF:0.9880 Freq:60.00Hz Lamp Flux:2558.07x1 lm		
NAME: LVF1S-36-26-95C-MVUD-NS 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	.374	.213	.067	.360	.206	.065	.335	.192	.061	.311	.180	.058	.290	.168	.054	
2.0	.327	.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	.199	.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	.353	.353	.353	.301	.301	.301	.206	.206	.206	.118	.118	.118	.038	.038	.038	
1.0	.348	.319	.293	.298	.274	.252	.204	.188	.174	.117	.109	.101	.038	.035	.033	
2.0	.341	.296	.258	.292	.255	.223	.200	.176	.156	.116	.103	.091	.037	.033	.030	
3.0	.334	.280	.237	.286	.241	.205	.197	.168	.144	.114	.098	.085	.036	.032	.028	
4.0	.326	.267	.222	.280	.231	.193	.193	.161	.136	.111	.094	.080	.036	.031	.026	
5.0	.319	.258	.213	.274	.223	.185	.189	.156	.131	.109	.091	.077	.035	.030	.026	
6.0	.311	.250	.205	.268	.216	.179	.185	.151	.127	.107	.089	.075	.035	.029	.025	
7.0	.305	.243	.200	.262	.211	.175	.181	.148	.124	.105	.087	.074	.034	.029	.024	
8.0	.298	.238	.196	.256	.206	.171	.177	.145	.121	.103	.085	.072	.033	.028	.024	
9.0	.292	.233	.193	.251	.202	.169	.174	.142	.120	.101	.084	.071	.033	.028	.024	
10.0	.286	.229	.191	.246	.199	.167	.171	.140	.118	.100	.083	.071	.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:0.2160A P:25.70W PF:0.9880 Freq:60.00Hz Lamp Flux:2558.07x1 lm										
NAME: LVF1S-36-26-95C-MVUD-NS 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	17.8	19.1	18.4	19.7	20.3	15.1	16.4	15.6	17.0	17.6
3H	20.3	21.6	20.9	22.1	22.8	16.6	17.8	17.2	18.4	19.1
4H	21.7	22.8	22.3	23.4	24.1	17.2	18.4	17.8	19.0	19.7
6H	23.1	24.1	23.7	24.8	25.5	17.7	18.8	18.4	19.4	20.2
8H	23.8	24.9	24.4	25.5	26.2	17.9	19.0	18.6	19.6	20.3
12H	24.6	25.7	25.3	26.3	27.0	18.1	19.1	18.7	19.7	20.5
4H 2H	18.3	19.5	18.9	20.1	20.8	16.4	17.6	17.0	18.2	18.9
3H	21.1	22.2	21.8	22.8	23.5	18.2	19.2	18.9	19.9	20.6
4H	22.7	23.6	23.3	24.2	25.0	19.1	20.0	19.7	20.7	21.4
6H	24.3	25.1	24.9	25.8	26.6	19.8	20.6	20.5	21.3	22.1
8H	25.1	25.9	25.8	26.6	27.4	20.1	20.8	20.8	21.5	22.4
12H	26.1	26.8	26.8	27.5	28.4	20.3	21.0	21.0	21.7	22.6
8H 4H	23.0	23.8	23.7	24.5	25.3	20.2	20.9	20.9	21.6	22.5
6H	24.9	25.5	25.6	26.3	27.1	21.3	21.9	22.0	22.6	23.5
8H	26.0	26.5	26.7	27.3	28.2	21.8	22.4	22.5	23.1	24.0
12H	27.2	27.7	27.9	28.5	29.4	22.2	22.7	23.0	23.5	24.4
12H 4H	23.0	23.7	23.7	24.4	25.3	20.5	21.2	21.2	21.9	22.7
6H	25.0	25.6	25.7	26.3	27.2	21.8	22.4	22.5	23.1	24.0
8H	26.2	26.7	26.9	27.4	28.4	22.5	23.0	23.2	23.7	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, 2558 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 3.3)

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:

UTILIZATION FACTORS TABLE

Test:U:120.5V I:0.2160A P:25.70W PF:0.9880 Freq:60.00Hz Lamp Flux:2558.07x1 lm		
NAME: LVF1S-36-26-95C-MVUD-NS 整灯 5000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 革星	SUR.:36寸	Shielding Angle:

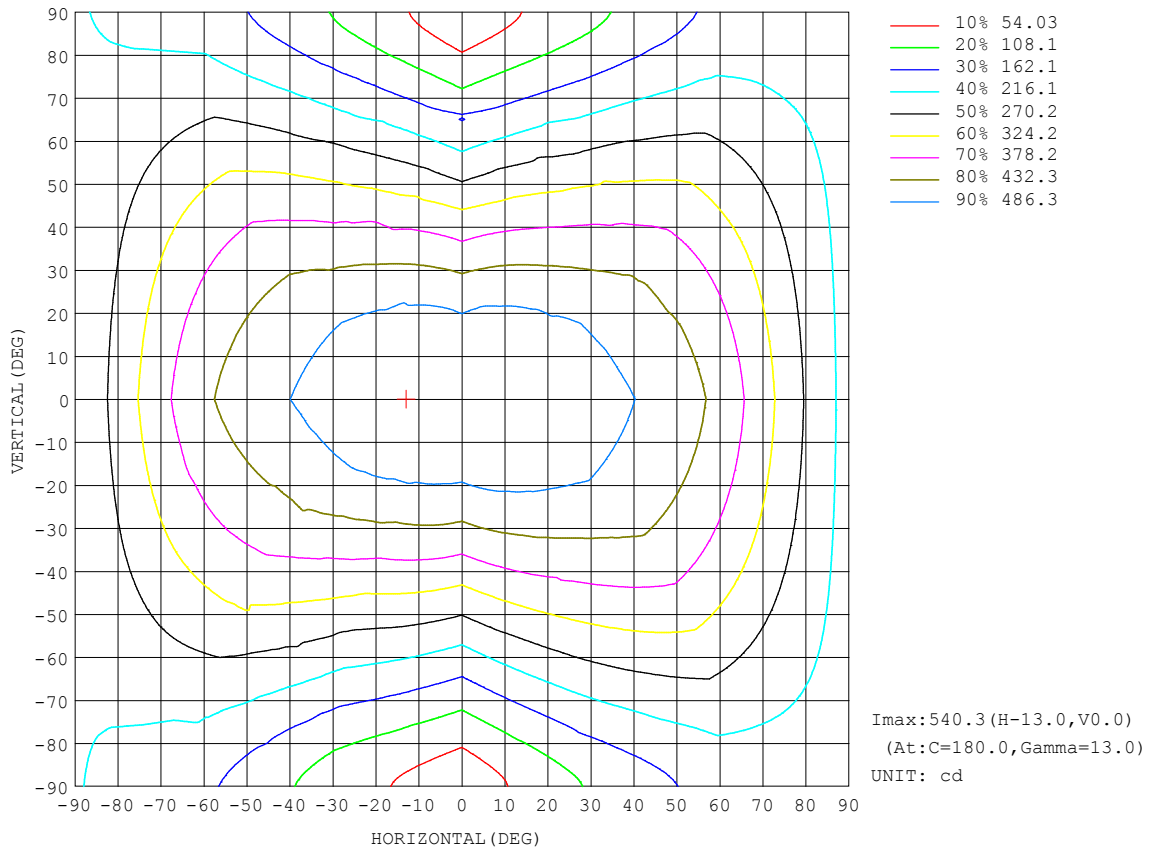
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	47	35	28	46	34	27	44	33	27	20
0.80	56	43	35	55	43	35	51	41	34	26
1.00	64	51	43	62	50	42	58	50	41	32
1.25	71	59	50	68	57	49	64	54	47	37
1.50	76	64	56	73	62	54	68	59	52	41
2.00	83	73	64	80	70	63	74	66	59	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	96	89	82	92	85	79	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:0.2160A P:25.70W PF:0.9880 Freq:60.00Hz Lamp Flux:2558.07x1 lm		
NAME: LVF1S-36-26-95C-MVUD-NS 整灯 5000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 革星	SUR.:36寸	Shielding Angle:

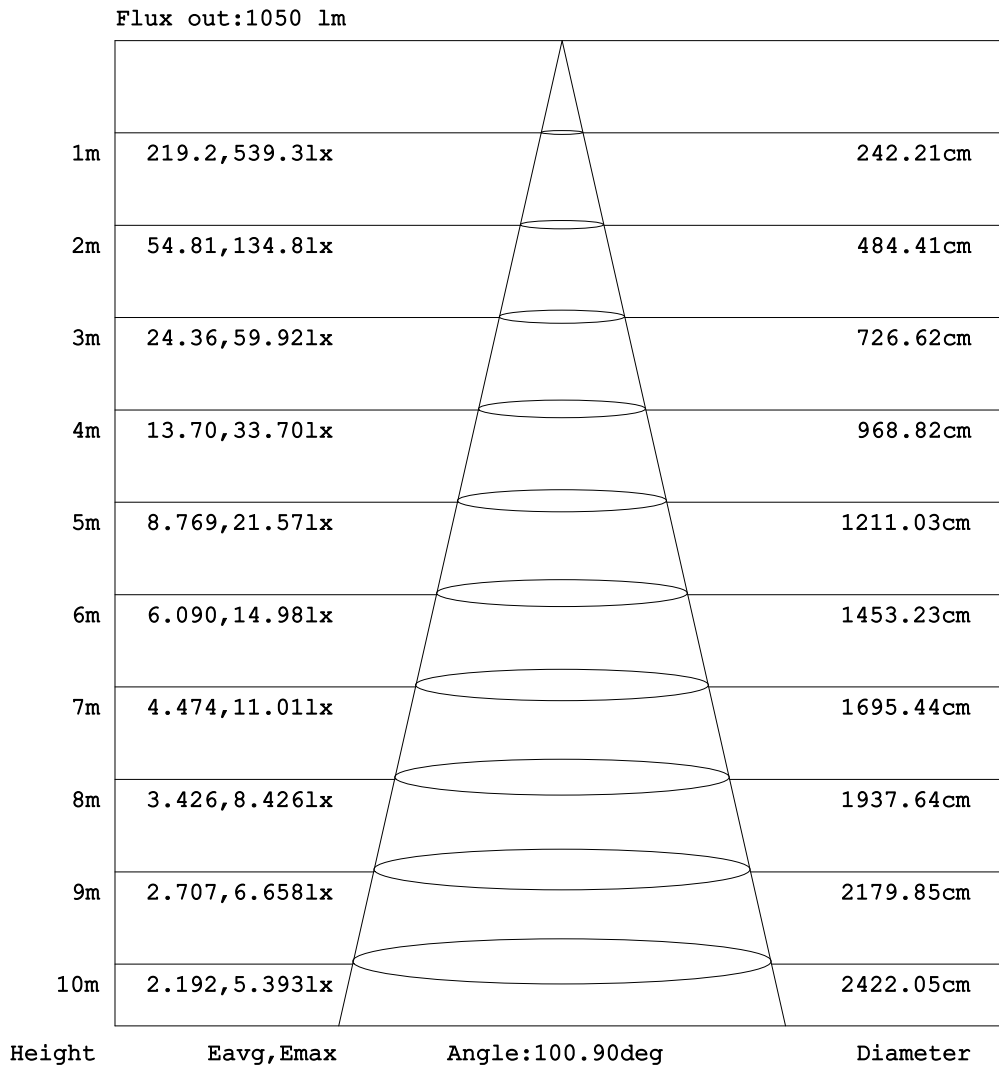


C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2024-04-18

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:0.2160A P:25.70W PF:0.9880 Freq:60.00Hz Lamp Flux:2558.07x1 lm		
NAME: LVF1S-36-26-95C-MVUD-NS 整灯 5000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 革星	SUR.:36寸	Shielding Angle:

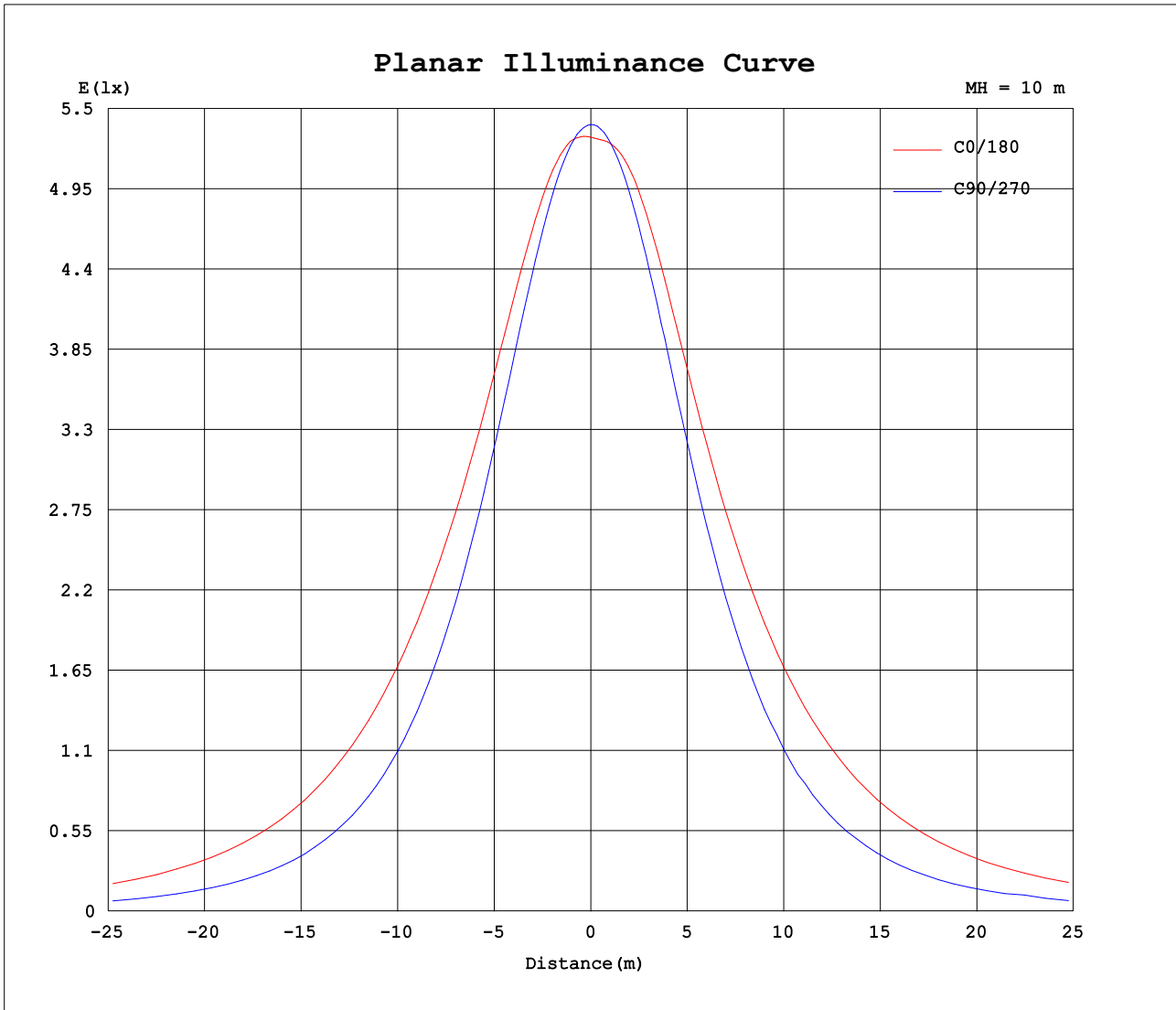


Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

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:0.2160A P:25.70W PF:0.9880 Freq:60.00Hz Lamp Flux:2558.07x1 lm		
NAME: LVF1S-36-26-95C-MVUD-NS 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	530	535	538	539	539	535	530	535	538	539	539	535							
5	535	538	537	535	534	535	533	536	536	536	538	539							
10	537	538	531	524	527	534	539	537	537	526	532	538							
15	535	533	520	506	514	529	539	533	520	510	522	531							
20	527	524	505	483	492	518	533	524	501	486	505	527							
25	518	512	485	454	472	503	523	511	485	459	484	510							
30	507	499	462	421	446	486	511	495	462	426	460	494							
35	497	485	436	386	416	466	499	479	434	391	432	478							
40	487	470	410	348	385	447	486	461	405	353	402	460							
45	475	454	382	310	352	425	474	443	381	314	372	442							
50	460	436	353	272	319	404	460	424	344	274	341	421							
55	440	414	323	233	286	381	442	403	313	236	308	398							
60	415	388	292	195	253	356	421	380	282	198	275	371							
65	383	357	260	158	221	335	394	351	250	160	242	340							
70	346	322	227	123	187	296	363	320	215	124	206	306							
75	306	285	193	89.8	155	263	326	286	182	89.0	173	270							
80	266	247	161	59.3	123	228	288	251	151	57.7	141	234							
85	229	210	133	33.8	96.8	196	251	217	124	31.7	113	200							
90	202	185	114	20.8	80.9	172	219	191	105	18.2	95.3	177							
95	186	171	107	20.0	77.5	161	202	178	100.0	17.6	89.2	163							
100	173	158	97.4	19.8	70.7	148	187	163	90.3	17.6	80.6	151							
105	160	142	87.9	20.4	65.1	132	171	146	82.5	18.0	74.5	135							
110	147	133	84.3	21.4	63.0	126	158	138	79.9	18.7	72.0	127							
115	139	127	80.5	22.0	61.6	120	149	132	77.2	19.7	68.4	121							
120	132	122	76.4	22.2	59.4	114	141	124	74.2	20.6	64.0	115							
125	126	116	68.8	22.4	56.4	108	133	117	70.9	21.4	57.9	107							
130	119	109	59.7	22.9	53.5	101	125	110	66.3	22.3	52.1	97.3							
135	112	99.9	53.0	23.4	51.2	94.3	117	102	62.2	23.2	47.1	85.9							
140	104	84.4	47.7	24.1	49.2	86.1	108	93.6	58.3	24.1	42.9	75.1							
145	93.6	68.9	42.9	24.7	47.8	77.5	97.4	84.1	55.3	25.1	39.5	64.9							
150	82.8	57.2	38.9	26.6	45.4	69.5	85.2	74.9	52.5	27.5	36.7	54.1							
155	73.2	47.8	37.2	29.5	42.9	62.4	73.1	66.7	49.6	30.2	37.1	45.6							
160	63.7	40.2	38.0	32.2	40.5	55.8	60.4	59.4	46.5	32.9	38.3	39.6							
165	54.4	34.4	38.3	34.9	38.8	49.5	45.6	52.2	43.4	35.5	39.0	36.7							
170	43.4	32.0	38.4	37.3	38.4	43.0	31.5	44.4	40.8	37.9	39.4	36.7							
175	31.6	32.2	38.6	39.3	38.9	38.4	26.7	37.5	39.2	39.9	39.8	36.2							
180	23.9	34.2	39.3	40.8	40.1	36.9	23.9	34.2	39.4	40.8	40.1	36.8							

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: