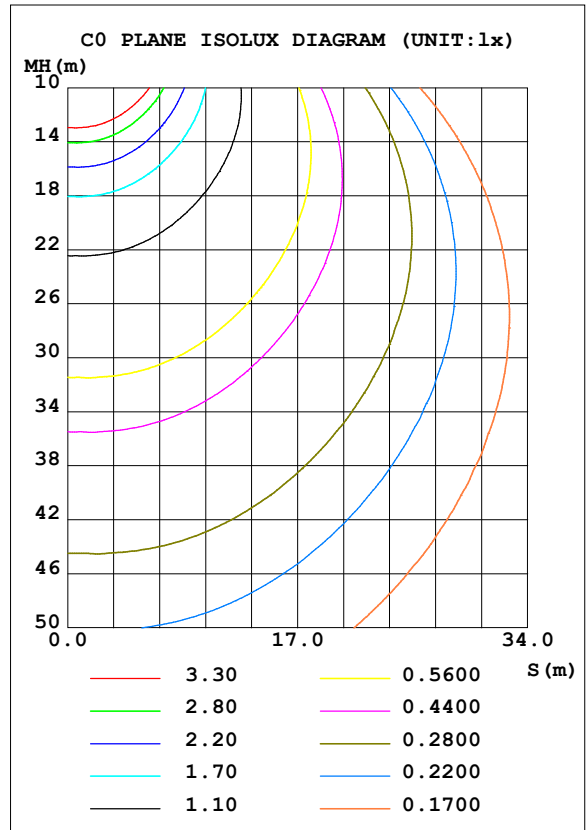
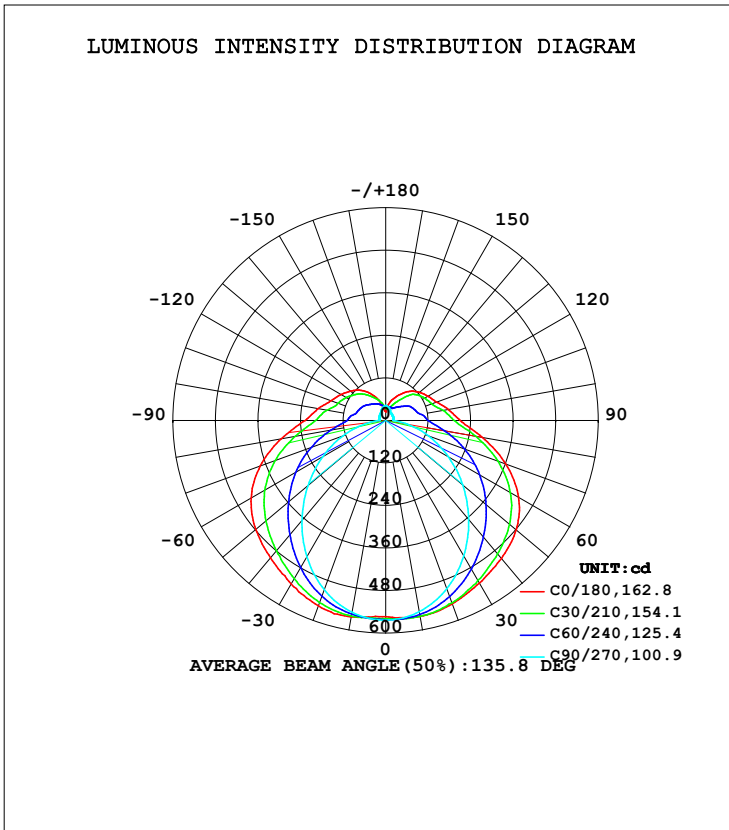


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.5V I:0.2070A P:24.60W PF:0.9870 Freq:60.00Hz Lamp Flux:2666.54x1 lm		
NAME: LVF1S-36-26-95C-MVUD-NS 整灯 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 革星	SUR.:36寸	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 108.40 lm/W			
MODEL		I _{max} (cd)	564.2	S/MH (C0/180)	1.44
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)	1.18
RATED VOLTAGE (V)		TOTAL FLUX (lm)	2666.5	η UP, DN (C0-180)	10.5, 39.2
NOMINAL FLUX (lm)	2666.54	CIE CLASS	SEMI-D.	η UP, DN (C180-360)	10.7, 39.6
LAMPS INSIDE	1	η up (%)	21.2	CIBSE SHR NOM	1.50
TEST VOLTAGE (V)		η down (%)	78.8	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	561.4	558.7	547.5	554.8	562.8	557.3	549.2	559.2	0- 10	53.36	53.36	2,2
20	550.3	538.1	504.8	529.9	556.4	537.0	507.8	536.7	10- 20	154.7	208.0	7.8,7.8
30	529.3	502.1	440.9	486.7	532.6	497.8	444.6	497.6	20- 30	237.5	445.5	16.7,16.7
40	508.2	460.3	364.8	434.1	506.0	450.3	367.7	450.2	30- 40	294.1	739.6	27.7,27.7
50	480.6	412.9	284.3	377.9	478.5	399.5	286.0	397.4	40- 50	323.7	1063	39.9,39.9
60	433.1	356.1	203.7	318.1	437.6	343.4	205.8	337.1	50- 60	325.1	1388	52.1,52.1
70	360.5	287.3	129.2	252.4	376.8	277.5	129.3	267.3	60- 70	296.1	1685	63.2,63.2
80	277.1	213.4	62.27	183.7	298.9	208.0	60.06	195.3	70- 80	240.3	1925	72.2,72.2
90	210.8	156.4	21.81	132.0	227.2	153.3	18.97	141.9	80- 90	175.4	2100	78.8,78.8
100	179.7	133.5	20.63	113.6	193.6	131.1	18.31	120.5	90-100	139.2	2239	84,84
110	153.0	113.4	22.34	98.51	163.9	112.9	19.60	103.7	100-110	114.3	2354	88.3,88.3
120	137.8	103.4	23.10	90.43	146.5	103.3	21.44	93.06	110-120	96.28	2450	91.9,91.9
130	124.4	88.12	23.81	80.71	129.4	91.46	23.25	78.05	120-130	78.17	2528	94.8,94.8
140	108.2	68.68	25.08	70.59	111.8	78.91	25.17	61.50	130-140	58.59	2587	97,97
150	86.27	49.92	27.71	59.92	88.56	66.28	28.65	47.39	140-150	39.49	2626	98.5,98.5
160	66.19	40.60	33.62	50.37	62.69	55.11	34.25	40.54	150-160	24.10	2650	99.4,99.4
170	45.31	36.64	38.85	42.44	32.60	44.21	39.44	39.54	160-170	12.48	2663	99.9,99.9
180	24.86	38.22	42.51	40.07	24.85	38.22	42.53	40.07	170-180	3.700	2667	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 899.47 lm

%lum = 33.7%
 %lamp = 33.7%

Conical surface Flux(120deg): 1388.4 lm

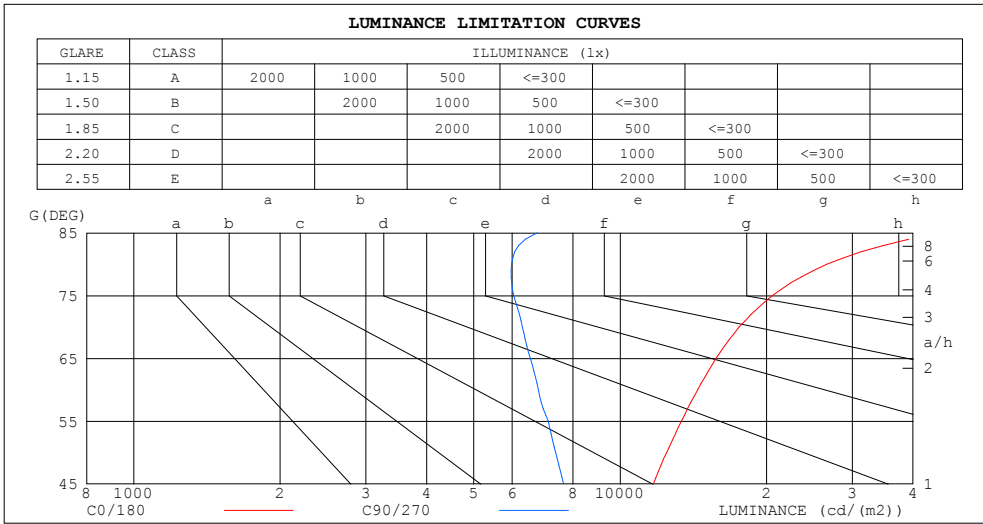
%lum = 52.1%
 %lamp = 52.1%

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:0.2070A P:24.60W PF:0.9870 Freq:60.00Hz Lamp Flux:2666.54x1 lm		
NAME: LVF1S-36-26-95C-MVUD-NS 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	45561	6746
80	26600	5977
75	20556	6041
70	17565	6296
65	15752	6539
60	14436	6791
55	13367	7114
50	12463	7372
45	11697	7653

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:0.2070A P:24.60W PF:0.9870 Freq:60.00Hz Lamp Flux:2666.54x1 lm		
NAME: LVF1S-36-26-95C-MVUD-NS 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	.374	.213	.067	.360	.206	.065	.335	.192	.061	.311	.179	.058	.289	.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	.200	.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	.352	.352	.352	.301	.301	.301	.205	.205	.205	.118	.118	.118	.038	.038	.038	
1.0	.348	.319	.292	.298	.274	.252	.204	.188	.174	.117	.109	.101	.038	.035	.033	
2.0	.341	.296	.258	.292	.255	.223	.200	.176	.156	.115	.103	.091	.037	.033	.030	
3.0	.334	.280	.236	.286	.241	.205	.196	.168	.144	.113	.098	.085	.036	.032	.028	
4.0	.326	.267	.222	.280	.231	.193	.192	.161	.136	.111	.094	.080	.036	.031	.026	
5.0	.319	.257	.212	.274	.223	.185	.188	.156	.130	.109	.091	.077	.035	.030	.025	
6.0	.311	.249	.205	.267	.216	.179	.185	.151	.126	.107	.089	.075	.035	.029	.025	
7.0	.304	.243	.200	.262	.211	.174	.181	.148	.123	.105	.087	.074	.034	.028	.024	
8.0	.298	.237	.196	.256	.206	.171	.177	.145	.121	.103	.085	.072	.033	.028	.024	
9.0	.291	.233	.193	.251	.202	.168	.174	.142	.120	.101	.084	.071	.033	.028	.024	
10.0	.286	.229	.191	.246	.198	.166	.171	.140	.118	.100	.083	.070	.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:0.2070A P:24.60W PF:0.9870 Freq:60.00Hz Lamp Flux:2666.54x1 lm										
NAME: LVF1S-36-26-95C-MVUD-NS 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	17.8	19.2	18.4	19.7	20.3	15.1	16.4	15.7	17.0	17.6
3H	20.4	21.6	20.9	22.2	22.8	16.6	17.8	17.2	18.4	19.1
4H	21.7	22.8	22.3	23.4	24.1	17.3	18.4	17.9	19.0	19.7
6H	23.1	24.2	23.7	24.8	25.5	17.8	18.9	18.4	19.5	20.2
8H	23.8	24.9	24.4	25.5	26.2	18.0	19.0	18.6	19.6	20.4
12H	24.7	25.7	25.3	26.3	27.0	18.1	19.1	18.8	19.8	20.5
4H 2H	18.4	19.5	19.0	20.1	20.8	16.5	17.6	17.1	18.2	18.9
3H	21.2	22.2	21.8	22.8	23.6	18.3	19.3	18.9	19.9	20.7
4H	22.7	23.6	23.3	24.3	25.0	19.1	20.0	19.8	20.7	21.5
6H	24.3	25.1	25.0	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	20.9	20.8	21.6	22.4
12H	26.1	26.8	26.8	27.5	28.4	20.3	21.1	21.1	21.8	22.6
8H 4H	23.0	23.8	23.7	24.5	25.3	20.2	21.0	20.9	21.7	22.5
6H	24.9	25.6	25.6	26.3	27.1	21.3	21.9	22.0	22.7	23.5
8H	26.0	26.6	26.7	27.3	28.2	21.8	22.4	22.6	23.1	24.0
12H	27.2	27.7	28.0	28.5	29.4	22.3	22.8	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	22.8
6H	25.0	25.6	25.8	26.3	27.2	21.8	22.4	22.6	23.1	24.0
8H	26.2	26.7	27.0	27.5	28.4	22.5	23.0	23.3	23.8	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, 2667 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:2024-04-18

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:0.2070A P:24.60W PF:0.9870 Freq:60.00Hz Lamp Flux:2666.54x1 lm		
NAME: LVF1S-36-26-95C-MVUD-NS 整灯 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 革星	SUR.:36寸	Shielding Angle:

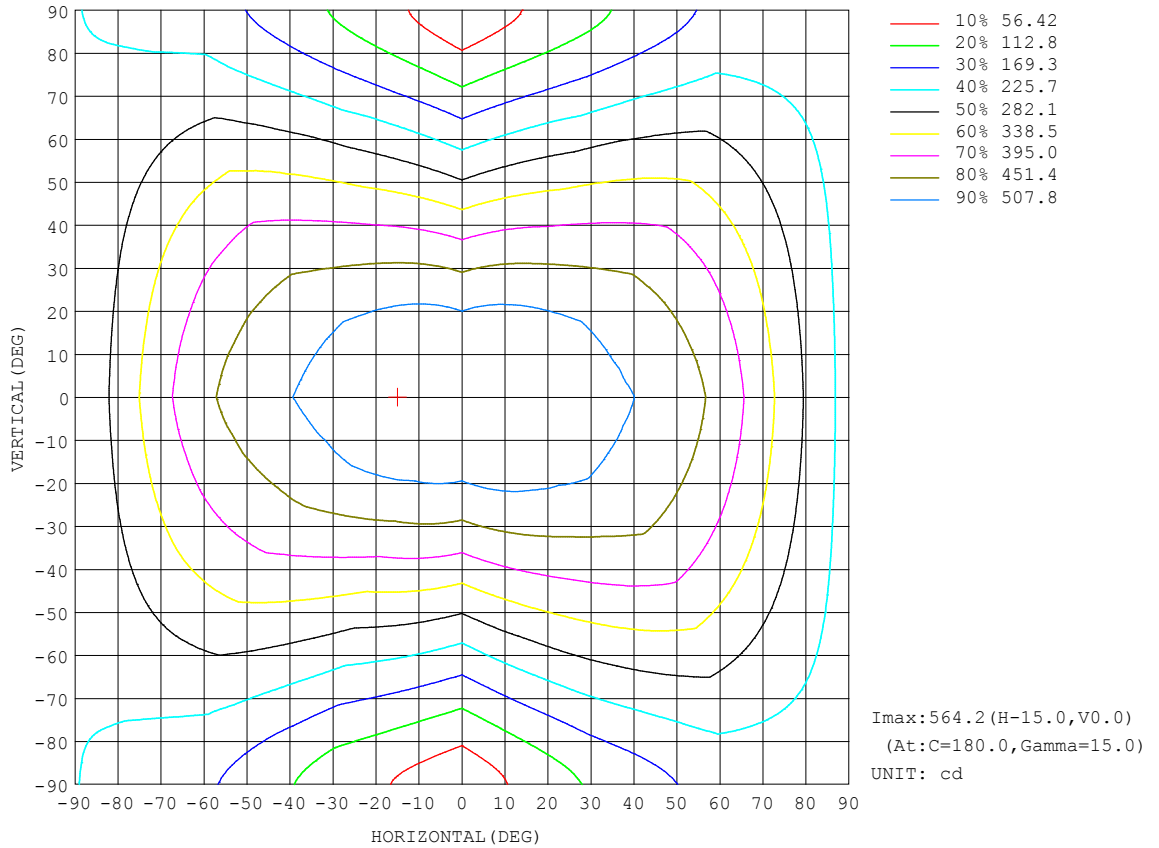
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	47	35	28	46	34	27	44	33	27	20
0.80	56	43	36	55	43	35	52	41	34	26
1.00	64	51	43	62	50	42	58	50	41	32
1.25	71	59	50	69	57	49	64	54	47	37
1.50	76	64	56	73	62	54	68	59	52	41
2.00	84	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:0.2070A P:24.60W PF:0.9870 Freq:60.00Hz Lamp Flux:2666.54x1 lm		
NAME: LVF1S-36-26-95C-MVUD-NS 整灯 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 革星	SUR.:36寸	Shielding Angle:

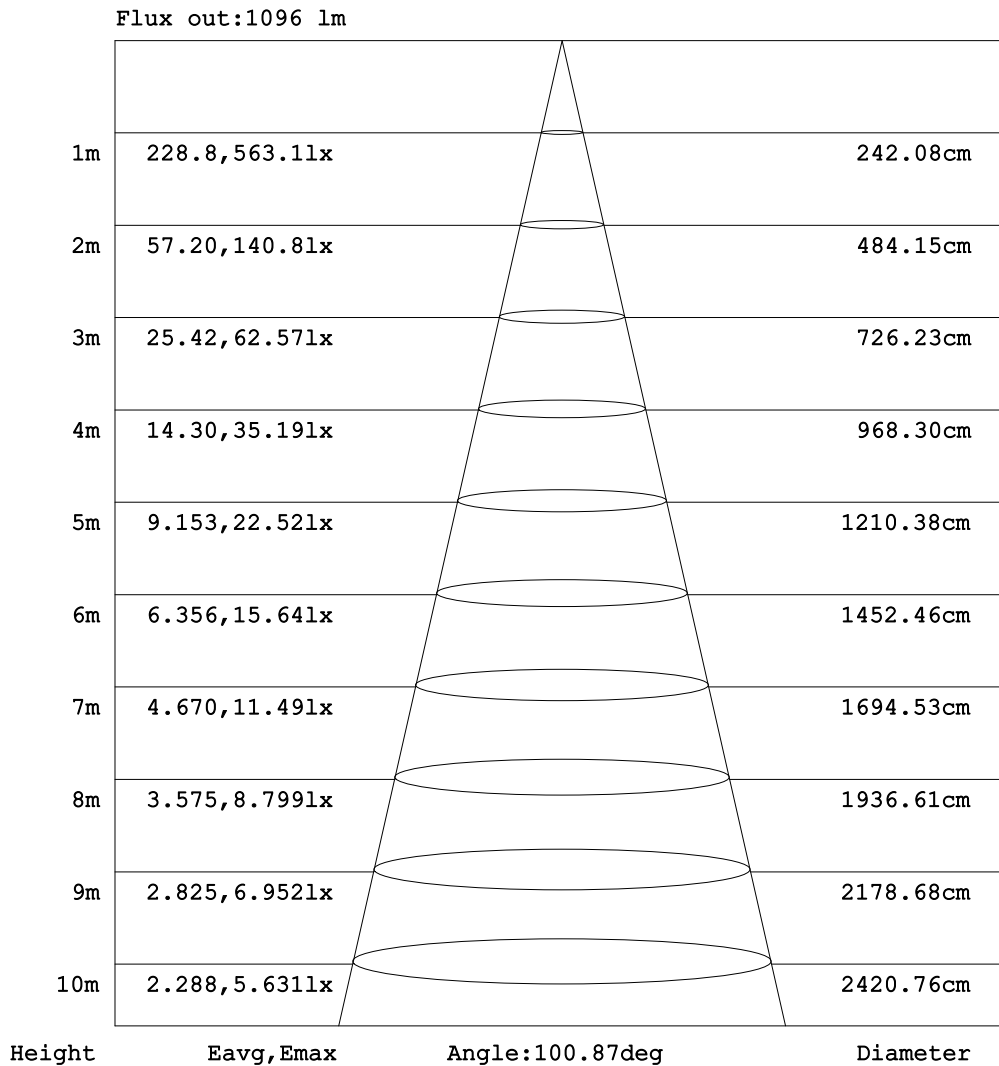


C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2024-04-18

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:0.2070A P:24.60W PF:0.9870 Freq:60.00Hz Lamp Flux:2666.54x1 lm		
NAME: LVF1S-36-26-95C-MVUD-NS 整灯 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 革星	SUR.:36寸	Shielding Angle:

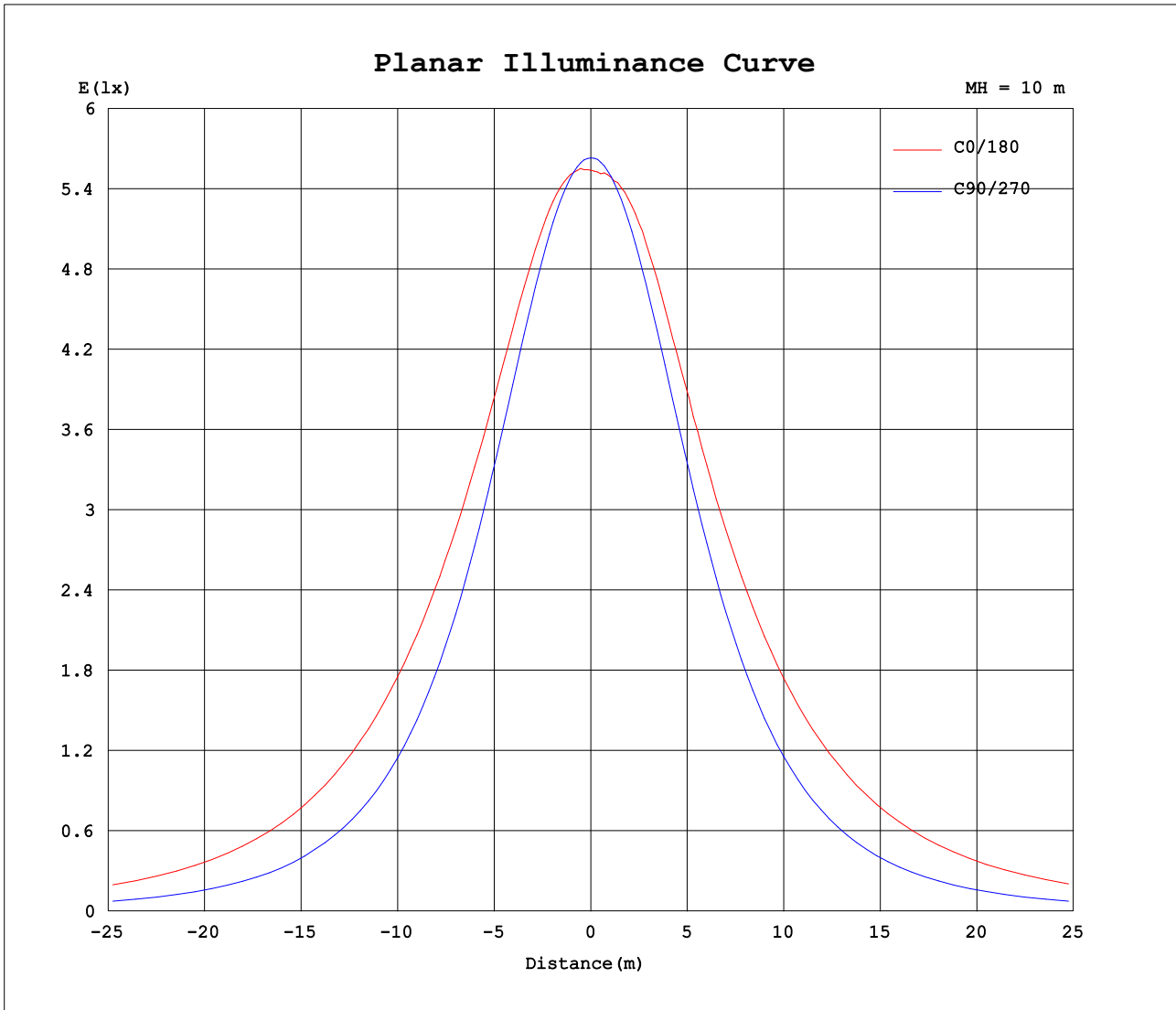


Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

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:0.2070A P:24.60W PF:0.9870 Freq:60.00Hz Lamp Flux:2666.54x1 lm		
NAME: LVF1S-36-26-95C-MVUD-NS 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	554	559	562	563	563	560	554	559	562	563	563	560							
5	559	562	562	559	559	560	557	559	560	560	562	563							
10	561	562	556	548	551	559	563	560	555	549	557	562							
15	558	557	545	530	537	552	564	556	544	532	545	556							
20	550	548	528	505	518	541	556	546	528	508	527	546							
25	540	535	508	475	494	526	545	532	506	478	505	532							
30	529	521	484	441	466	507	533	516	480	445	479	516							
35	519	506	457	404	435	487	519	498	451	407	450	499							
40	508	491	429	365	402	466	506	480	421	368	420	481							
45	496	474	400	325	368	445	493	461	390	327	387	461							
50	481	456	370	284	334	422	478	441	358	286	354	440							
55	460	433	338	245	299	398	461	419	326	246	321	416							
60	433	406	306	204	265	371	438	394	293	206	286	388							
65	399	374	272	166	230	341	409	364	259	167	251	356							
70	360	337	237	129	196	309	377	332	223	129	214	320							
75	319	298	202	93.8	162	274	339	296	190	92.6	180	282							
80	277	258	169	62.3	129	238	299	259	157	60.1	146	244							
85	238	220	139	35.3	101	204	260	224	128	33.0	117	209							
90	211	193	120	21.8	84.4	180	227	198	109	19.0	99.0	185							
95	194	179	112	20.9	80.7	167	209	184	103	18.3	92.6	171							
100	180	165	102	20.6	73.7	153	194	169	93.5	18.3	83.8	157							
105	166	149	92.1	21.4	67.8	138	177	152	85.7	18.8	77.5	141							
110	153	139	88.2	22.3	65.7	131	164	143	82.8	19.6	74.8	133							
115	145	133	84.0	23.0	64.2	125	155	137	80.0	20.5	71.0	127							
120	138	127	79.8	23.1	62.0	119	146	129	77.1	21.4	66.7	119							
125	131	121	71.6	23.4	58.8	112	138	121	73.3	22.3	60.3	112							
130	124	114	62.6	23.8	55.7	106	129	114	68.8	23.2	54.4	102							
135	117	104	55.3	24.4	53.4	98.5	121	106	64.3	24.2	49.1	90.2							
140	108	87.8	49.6	25.1	51.4	89.8	112	97.2	60.6	25.2	44.8	78.2							
145	97.4	71.7	44.6	25.7	49.4	80.9	101	87.5	57.4	26.1	41.1	66.7							
150	86.3	59.5	40.4	27.7	47.2	72.6	88.6	78.0	54.6	28.7	38.3	56.5							
155	76.1	49.7	38.7	30.7	44.8	65.1	75.9	69.4	51.7	31.4	38.7	48.2							
160	66.2	41.7	39.5	33.6	42.3	58.4	62.7	61.8	48.4	34.3	39.8	41.3							
165	56.5	35.6	39.9	36.4	40.5	51.7	47.3	54.1	45.1	37.0	40.6	38.2							
170	45.3	33.2	40.0	38.8	40.0	44.9	32.6	46.0	42.4	39.4	41.1	38.0							
175	32.9	33.5	40.2	41.0	40.5	39.9	27.6	39.0	40.8	41.6	41.4	37.7							
180	24.9	35.6	40.9	42.5	41.8	38.4	24.8	35.6	40.9	42.5	41.8	38.3							

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: