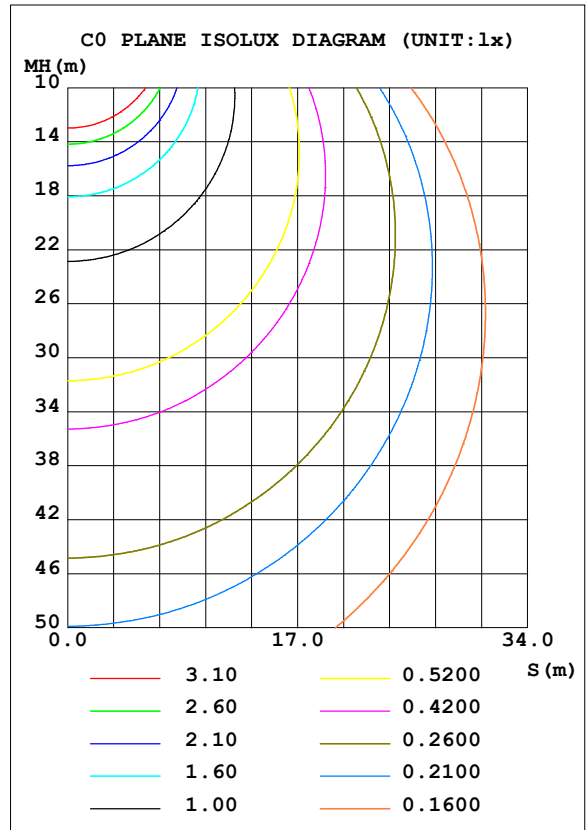
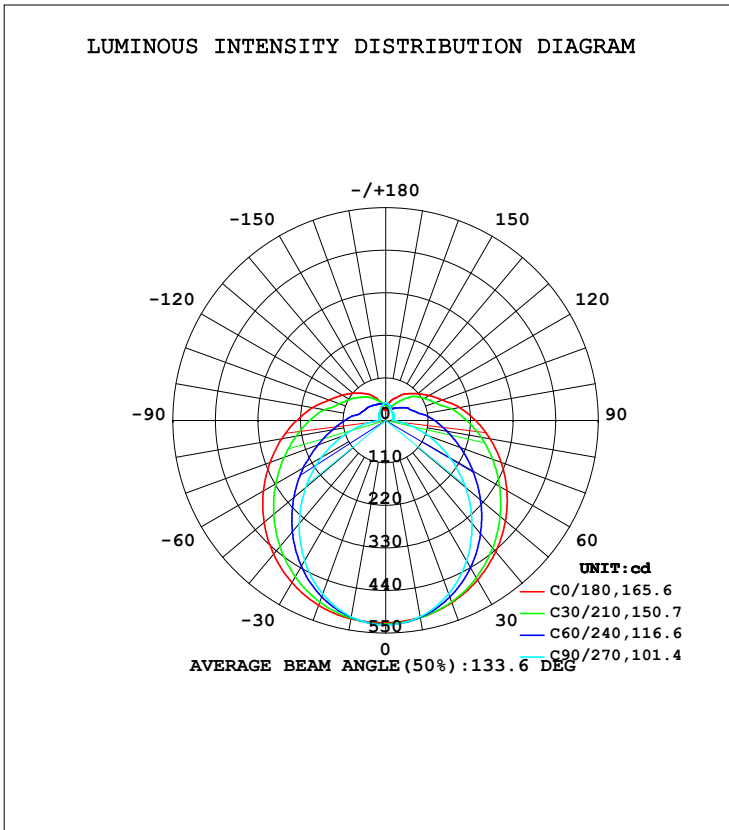


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.5V I:0.2150A P:25.70W PF:0.9880 Freq:60.00Hz Lamp Flux:2412.36x1 lm		
NAME: LVF1R-36-26-95C-MVUD-BL 整灯 2700K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 革星	SUR.:36寸	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 93.87 lm/W			
MODEL		I _{max} (cd)	528.9	S/MH (C0/180)	1.38
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)	1.19
RATED VOLTAGE (V)		TOTAL FLUX (lm)	2412.4	η UP, DN (C0-180)	10.9, 39.0
NOMINAL FLUX (lm)	2412.36	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	517.3	517.5	515.4	517.2	520.8	518.2	515.7	518.0	0- 10	49.84	49.84	2.07,2.07
20	501.2	492.5	477.1	488.8	508.4	492.2	477.3	491.3	10- 20	143.0	192.8	7.99,7.99
30	475.7	454.1	418.8	444.8	484.6	451.6	419.3	450.6	20- 30	217.7	410.5	17,17
40	442.9	406.1	347.2	390.3	451.3	400.7	347.8	399.5	30- 40	266.3	676.8	28.1,28.1
50	404.3	353.4	269.9	330.7	410.7	344.2	270.2	344.0	40- 50	286.2	963.0	39.9,39.9
60	362.0	300.4	190.9	271.1	365.2	287.4	192.2	288.3	50- 60	279.9	1243	51.5,51.5
70	317.9	250.3	117.5	216.3	318.2	233.3	118.0	235.3	60- 70	253.3	1496	62,62
80	274.1	206.0	55.02	168.5	272.8	187.4	54.34	190.2	70- 80	215.2	1711	70.9,70.9
90	232.5	168.2	19.67	133.7	229.5	151.3	17.42	154.0	80- 90	174.8	1886	78.2,78.2
100	194.7	135.0	18.36	105.6	192.7	120.9	16.93	123.0	90-100	141.5	2028	84.1,84.1
110	155.6	105.8	21.34	85.39	155.5	96.76	18.92	96.66	100-110	108.9	2137	88.6,88.6
120	130.0	90.12	23.21	75.70	131.0	84.16	21.79	82.51	110-120	86.25	2223	92.1,92.1
130	108.0	74.78	25.36	67.58	109.7	74.41	24.17	67.64	120-130	67.59	2290	94.9,94.9
140	90.76	56.88	27.36	60.73	91.88	65.47	26.40	52.37	130-140	49.81	2340	97,97
150	74.27	43.39	30.01	53.80	75.77	57.12	29.40	41.72	140-150	34.33	2375	98.4,98.4
160	59.25	37.03	36.71	47.31	57.13	50.08	36.17	37.71	150-160	21.82	2396	99.3,99.3
170	45.82	36.95	42.56	43.44	30.49	44.52	42.72	39.69	160-170	12.08	2408	99.8,99.8
180	26.85	42.48	46.47	43.95	26.86	42.47	46.47	43.94	170-180	3.876	2412	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 819.14 lm

%lum = 34.0%

%lamp = 34.0%

Conical surface Flux(120deg): 1242.9 lm

%lum = 51.5%

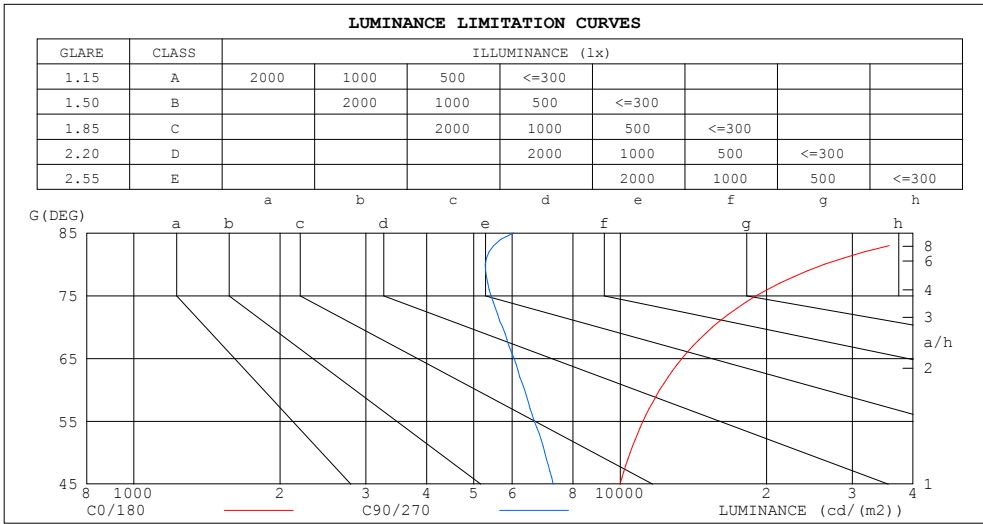
%lamp = 51.5%

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:0.2150A P:25.70W PF:0.9880 Freq:60.00Hz Lamp Flux:2412.36x1 lm		
NAME: LVF1R-36-26-95C-MVUD-BL 整灯 2700K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 革星	SUR.:36寸	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	48358	6042
80	26304	5280
75	19054	5428
70	15490	5728
65	13407	6052
60	12065	6363
55	11141	6659
50	10484	6999
45	9997	7282

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:0.2150A P:25.70W PF:0.9880 Freq:60.00Hz Lamp Flux:2412.36x1 lm														
NAME: LVF1R-36-26-95C-MVUD-BL 整灯 2700K							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	.364	.208	.066	.338	.194	.062	.315	.181	.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	.258	.140	.043	.239	.131	.040	.220	.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	.176	.119	.110	.103	.038	.036	.033	
2.0	.346	.300	.262	.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	.330	.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	.315	.254	.210	.271	.220	.183	.187	.154	.129	.109	.091	.077	.035	.030	.025	
7.0	.308	.247	.205	.265	.214	.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	.028	.024	
9.0	.296	.237	.198	.255	.206	.172	.176	.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:0.2150A P:25.70W PF:0.9880 Freq:60.00Hz Lamp Flux:2412.36x1 lm										
NAME: LVF1R-36-26-95C-MVUD-BL 整灯 2700K					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	16.3	15.5	16.8	17.4
3H	20.0	21.2	20.6	21.8	22.5	16.5	17.7	17.0	18.3	18.9
4H	21.5	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	17.7	18.7	18.3	19.4	20.1
8H	24.0	25.1	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	21.5	22.5	23.2	18.0	19.0	18.7	19.7	20.4
4H	22.5	23.4	23.2	24.1	24.9	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	26.9	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	22.9	23.6	23.6	24.3	25.2	20.1	20.9	20.8	21.6	22.4
6H	25.0	25.7	25.8	26.4	27.3	21.3	21.9	22.0	22.7	23.6
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	20.5	21.2	21.2	21.9	22.7
6H	25.2	25.8	25.9	26.5	27.4	21.9	22.5	22.7	23.2	24.1
8H	26.6	27.1	27.3	27.8	28.7	22.7	23.2	23.5	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, 2412 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 3.1)

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:

UTILIZATION FACTORS TABLE

Test:U:120.5V I:0.2150A P:25.70W PF:0.9880 Freq:60.00Hz Lamp Flux:2412.36x1 lm		
NAME: LVF1R-36-26-95C-MVUD-BL 整灯 2700K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 革星	SUR.:36寸	Shielding Angle:

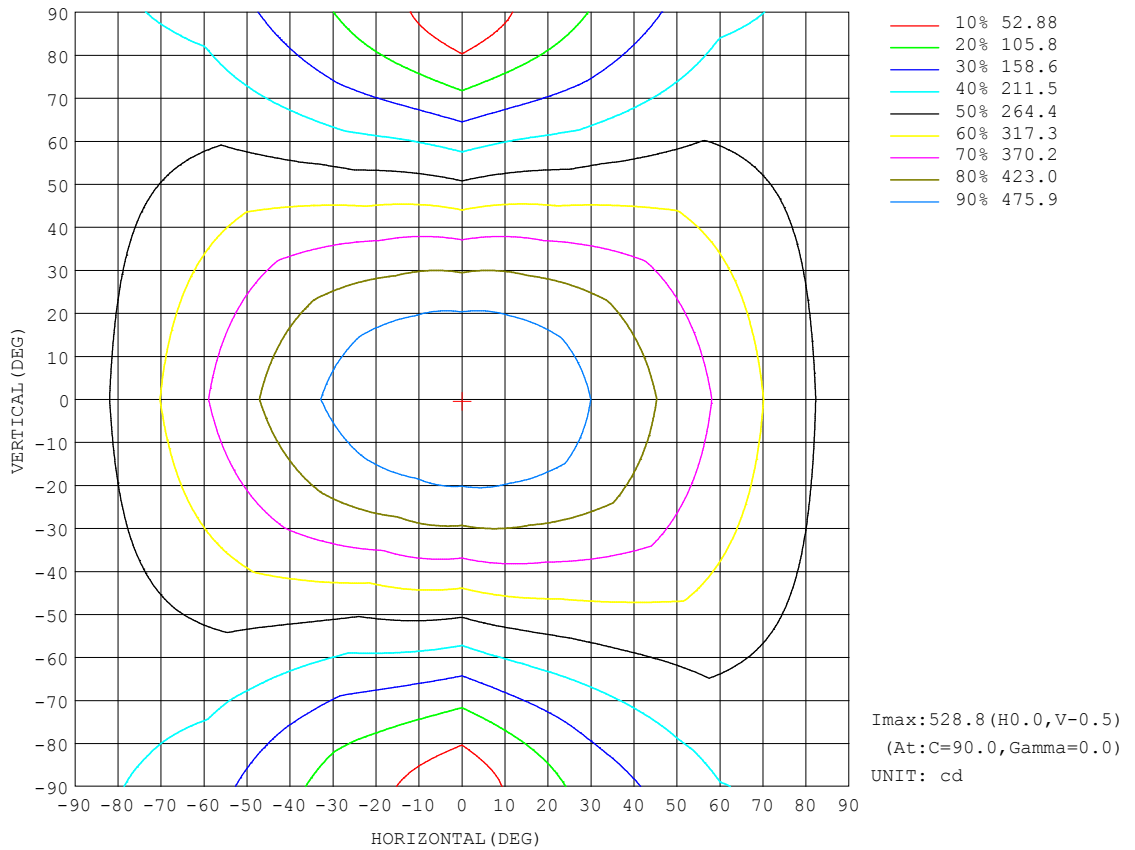
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	47	35	28	46	35	28	44	33	27	20
0.80	56	44	36	55	43	35	52	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	78	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:0.2150A P:25.70W PF:0.9880 Freq:60.00Hz Lamp Flux:2412.36x1 lm		
NAME: LVF1R-36-26-95C-MVUD-BL 整灯 2700K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 革星	SUR.:36寸	Shielding Angle:

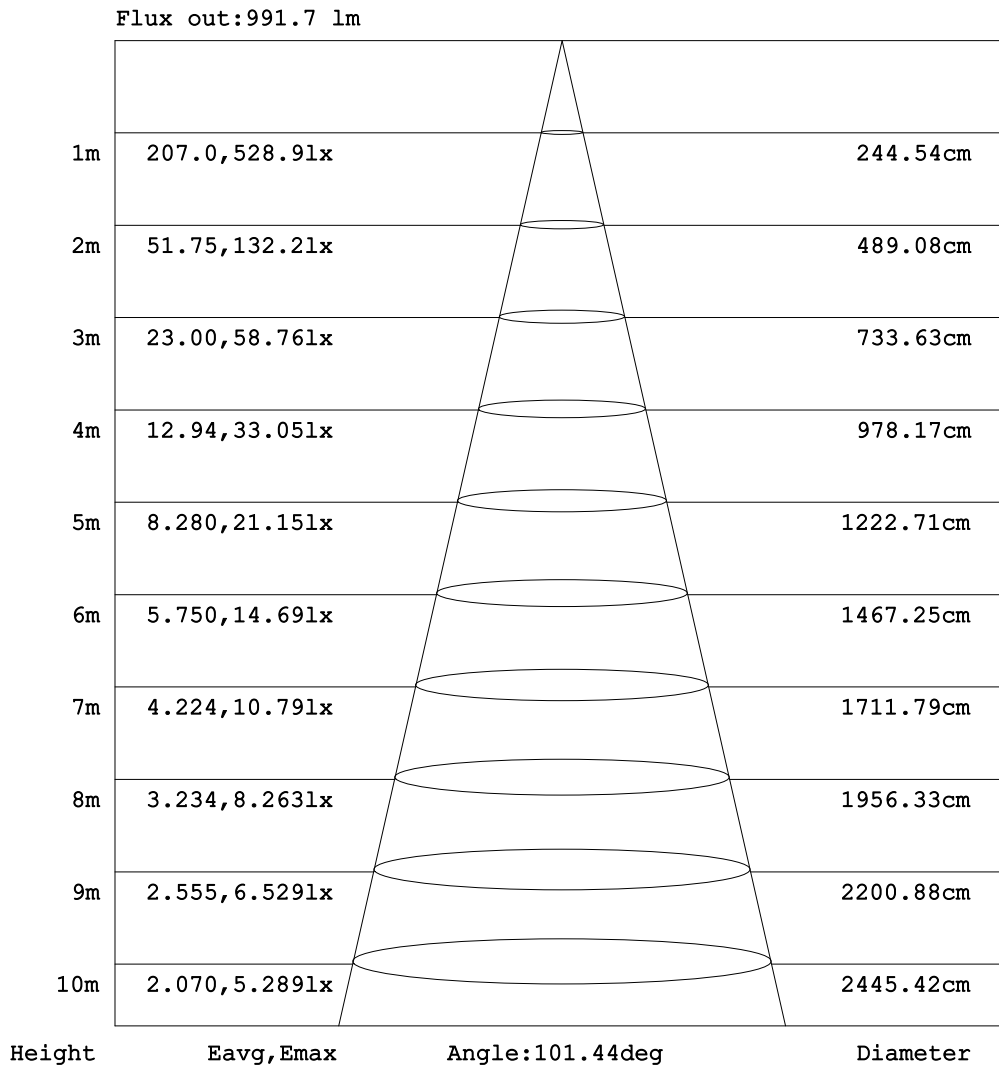


C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2024-04-17

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:0.2150A P:25.70W PF:0.9880 Freq:60.00Hz Lamp Flux:2412.36x1 lm		
NAME: LVF1R-36-26-95C-MVUD-BL 整灯 2700K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 革星	SUR.:36寸	Shielding Angle:

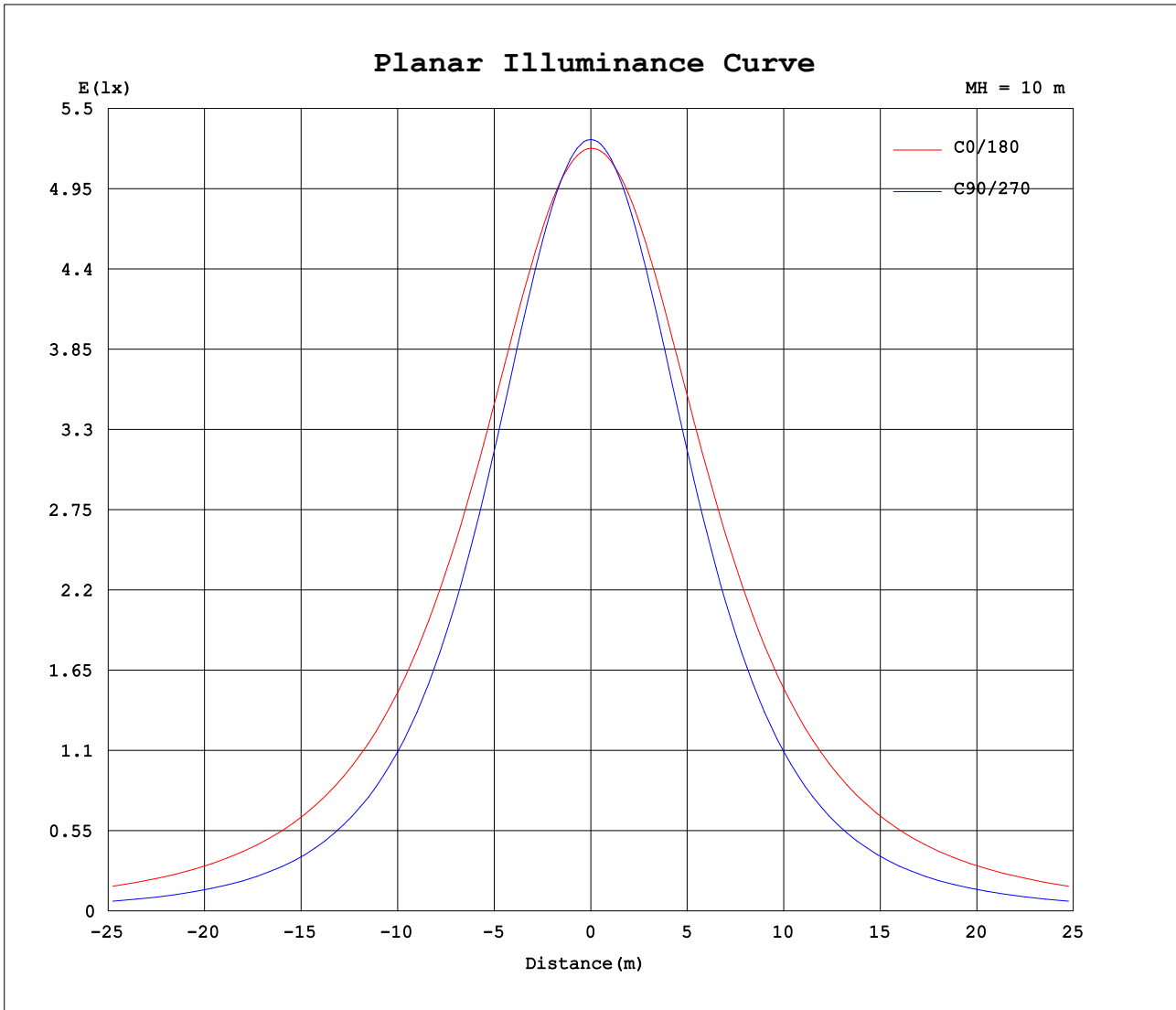


Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.2150A P:25.70W PF:0.9880 Freq:60.00Hz Lamp Flux:2412.36x1 lm		
NAME: LVF1R-36-26-95C-MVUD-BL 整灯 2700K	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	523	526	528	529	528	526	523	526	528	529	528	526							
5	521	523	525	525	525	525	523	525	525	525	526	524							
10	517	518	517	515	516	519	521	520	517	516	518	518							
15	511	510	504	499	501	509	516	511	503	499	504	509							
20	501	499	486	477	481	496	508	499	485	477	485	497							
25	489	486	464	450	457	480	498	485	462	450	463	483							
30	476	469	439	419	428	461	485	467	436	419	436	465							
35	460	451	411	384	397	440	469	447	407	385	407	445							
40	443	430	382	347	364	416	451	426	376	348	376	423							
45	424	409	351	309	330	392	432	402	343	309	343	401							
50	404	386	320	270	295	366	411	378	311	270	311	377							
55	383	363	290	229	261	340	388	353	278	231	279	353							
60	362	340	260	191	228	315	365	328	246	192	248	329							
65	340	317	233	153	196	290	342	304	215	154	216	305							
70	318	294	206	118	167	265	318	280	187	118	188	282							
75	296	272	182	84.3	141	243	295	257	162	84.1	163	260							
80	274	251	161	55.0	117	220	273	235	140	54.3	141	239							
85	253	229	142	31.6	99.0	200	251	215	121	30.1	123	219							
90	233	210	127	19.7	85.2	182	230	197	106	17.4	108	200							
95	213	192	112	18.1	75.1	166	211	180	94.2	16.5	95.4	183							
100	195	174	96.4	18.4	63.5	148	193	161	80.9	16.9	81.8	164							
105	174	150	83.2	19.8	56.0	127	173	139	69.9	17.6	69.7	141							
110	156	136	75.4	21.3	52.9	118	156	128	65.5	18.9	63.5	130							
115	142	125	68.5	22.5	51.0	109	143	117	62.0	20.4	59.6	118							
120	130	115	65.1	23.2	50.2	101	131	109	59.6	21.8	56.2	109							
125	118	106	58.5	24.2	49.3	93.8	120	101	57.9	23.0	51.2	99.3							
130	108	97.0	52.5	25.4	48.1	87.0	110	92.9	55.9	24.2	46.6	88.7							
135	98.7	85.3	46.8	26.4	47.0	81.2	100	85.9	53.5	25.3	42.5	76.3							
140	90.8	71.4	42.4	27.4	45.9	75.5	91.9	79.6	51.3	26.4	39.3	65.5							
145	83.8	60.8	38.9	28.2	45.2	69.5	84.1	73.2	49.3	27.4	36.9	56.3							
150	74.3	50.6	36.1	30.0	44.4	63.2	75.8	66.3	47.9	29.4	35.3	48.1							
155	65.7	43.1	35.1	33.5	43.3	57.4	66.3	59.9	47.1	32.6	35.9	41.7							
160	59.2	37.1	37.0	36.7	41.9	52.7	57.1	54.2	45.9	36.2	38.2	37.2							
165	52.3	32.8	39.3	39.8	41.0	49.3	43.7	50.0	44.4	39.6	40.2	35.3							
170	45.8	32.9	41.0	42.6	41.6	45.2	30.5	45.4	43.6	42.7	42.5	36.8							
175	33.2	35.7	43.4	44.9	43.6	42.1	26.9	41.4	44.1	45.3	44.4	39.6							
180	26.9	39.8	45.1	46.5	45.6	42.3	26.9	39.8	45.1	46.5	45.6	42.3							

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: