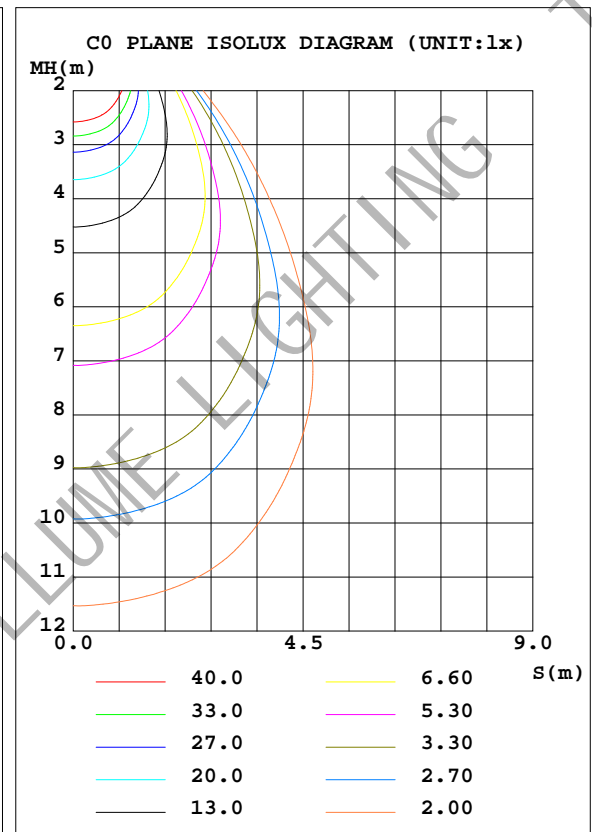
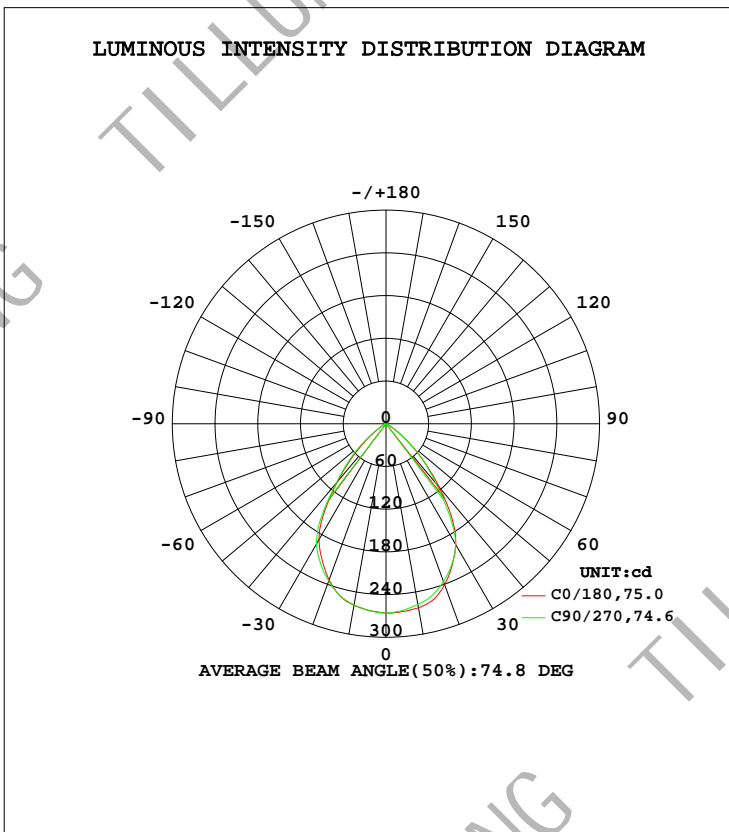


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:24.044V I:0.1713A P:4.1190W PF:1.0000 Freq:0Hz Lamp Flux:374.408x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:6500K	DIM.:	SERIAL No.:A002-1
MFR.: EVERFINE	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 90.90 lm/W			
MODEL		I <sub>max</sub> (cd)	266.1	S/MH(C0/180)	1.07
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	1.08
RATED VOLTAGE(V)		TOTAL FLUX(lm)	374.41	η UP, DN(C0-180)	0.0,49.5
NOMINAL FLUX(lm)	374.408	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0,50.5
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	1.00
TEST VOLTAGE(V)		η down(%)	100.0	CIBSE SHR MAX	1.15



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:24.8DEG  
 Operators:LWQ  
 Test Date:2021-1-9

γ Range: 0 - 90DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-SPEC316\_V1 SYSTEM V2.0.366  
 Humidity:40%  
 Test Distance:3.170m [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	262.4	261.1	257.9	253.7	259.0	258.0	258.4	262.9	0- 10	25.02	25.02	6.68,6.68
20	240.6	239.7	236.0	223.3	233.4	231.1	235.2	245.6	10- 20	70.39	95.40	25.5,25.5
30	195.9	198.4	195.6	175.9	188.2	188.8	195.1	206.5	20- 30	99.31	194.7	52,52
40	116.4	119.4	109.5	88.84	106.2	104.9	108.7	134.4	30- 40	96.00	290.7	77.6,77.6
50	43.87	46.43	44.22	29.36	37.85	37.68	43.88	56.65	40- 50	57.06	347.8	92.9,92.9
60	8.964	9.581	8.722	5.843	7.616	7.564	8.322	12.63	50- 60	19.54	367.3	98.1,98.1
70	2.536	2.524	2.465	1.838	2.418	2.382	2.435	3.027	60- 70	4.561	371.9	99.3,99.3
80	0.9488	0.8665	0.8526	0.7700	1.023	0.8654	1.051	1.833	70- 80	1.816	373.7	99.8,99.8
90	0	0	0	0	0	0	0	0.7437	80- 90	0.7209	374.4	100,100
100									90-100			
110									100-110			
120									110-120			
130									120-130			
140									130-140			
150									140-150			
160									150-160			
170									160-170			
180									170-180			
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 324.59 lm

%lum = 86.7%  
 %lamp = 86.7%

Conical surface Flux(120deg): 367.31 lm

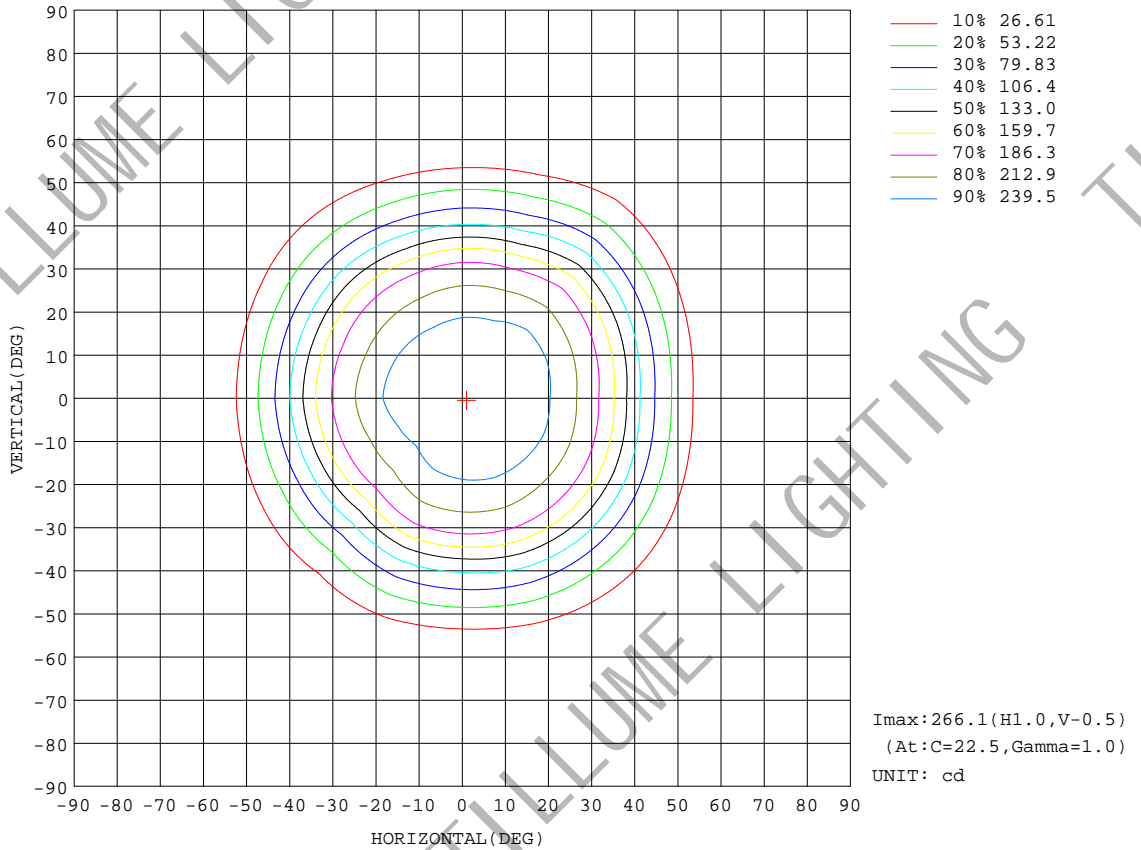
%lum = 98.1%  
 %lamp = 98.1%

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:24.8DEG  
 Operators:LWQ  
 Test Date:2021-1-9

γ Range: 0 - 90DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-SPEC316\_V1 SYSTEM V2.0.366  
 Humidity:40%  
 Test Distance:3.170m [K=1.0000]  
 Remarks:

ISOCANDELA DIAGRAM

Test:U:24.044V I:0.1713A P:4.1190W PF:1.0000 Freq:0Hz Lamp Flux:374.408x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:6500K	DIM.:	SERIAL No.:A002-1
MFR.: EVERFINE	SUR.:	Shielding Angle:

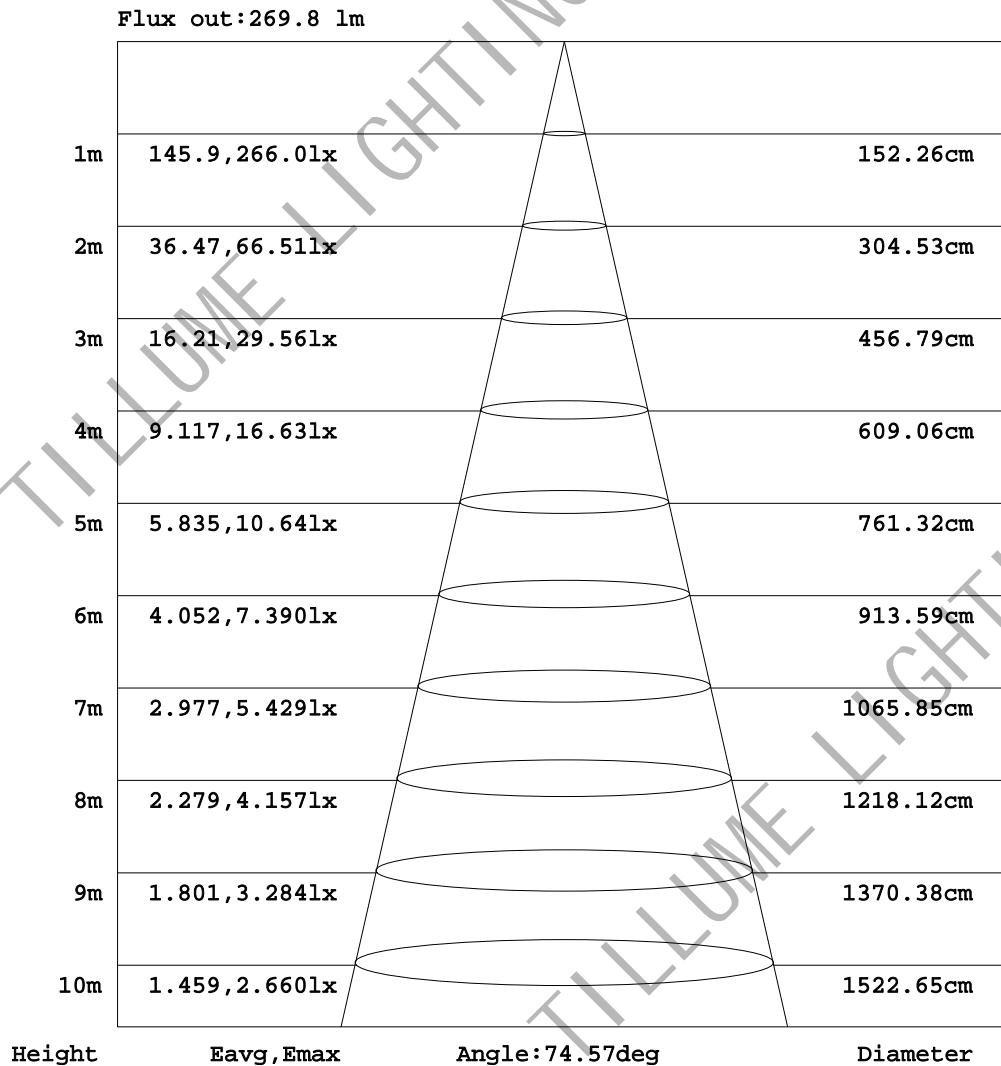


C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:24.8DEG  
 Operators:LWQ  
 Test Date:2021-1-9

γ Range: 0 - 90DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-SPEC316\_V1 SYSTEM V2.0.366  
 Humidity:40%  
 Test Distance:3.170m [K=1.0000]  
 Remarks:

AAI Figure

Test:U:24.044V I:0.1713A P:4.1190W PF:1.0000 Freq:0Hz Lamp Flux:374.408x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:6500K	DIM.:	SERIAL No.:A002-1
MFR.: EVERFINE	SUR.:	Shielding Angle:



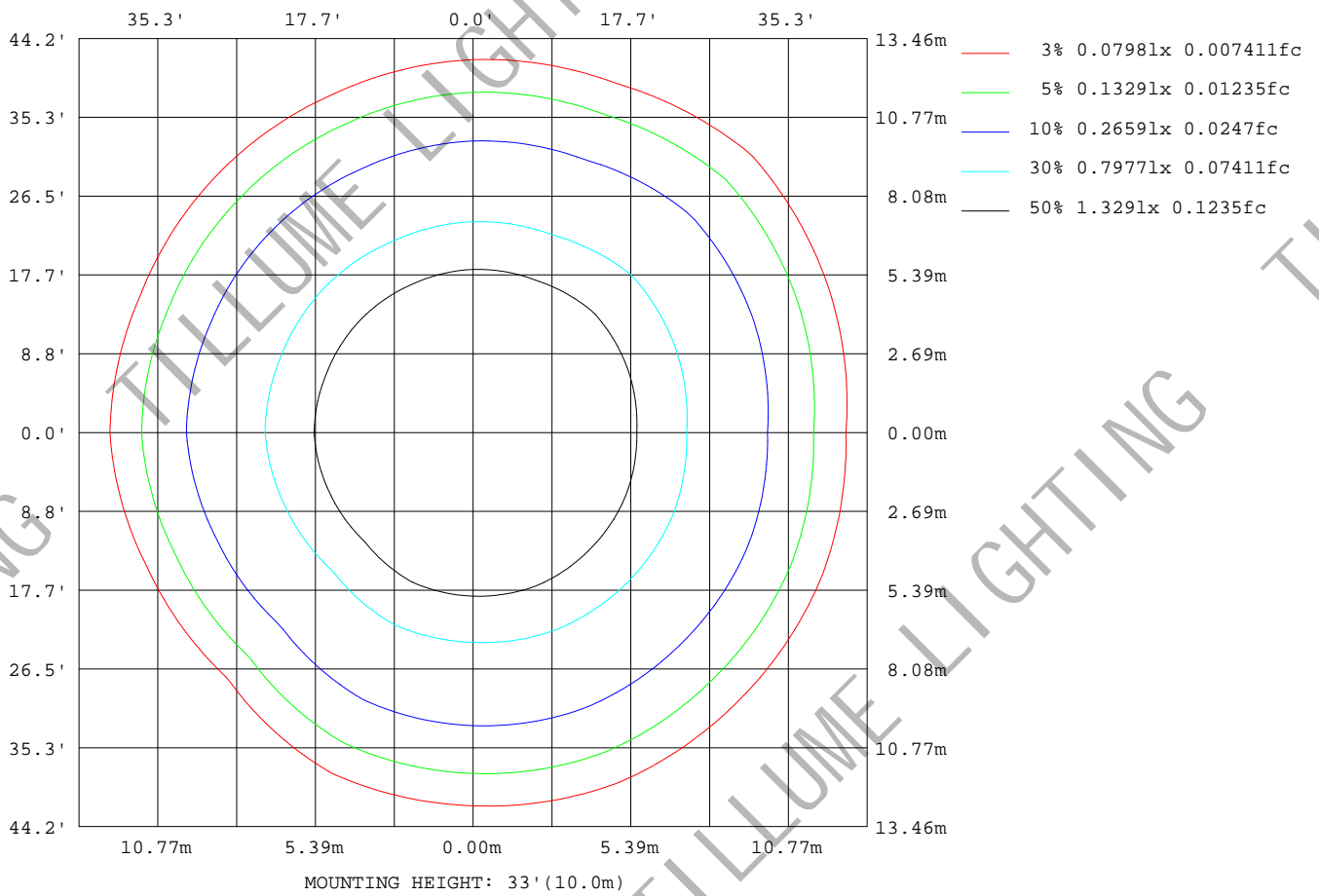
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:24.8DEG  
 Operators:LWQ  
 Test Date:2021-1-9

γ Range: 0 - 90DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-SPEC316\_V1 SYSTEM V2.0.366  
 Humidity:40%  
 Test Distance:3.170m [K=1.0000]  
 Remarks:

ISOLUX DIAGRAM

Test:U:24.044V I:0.1713A P:4.1190W PF:1.0000 Freq:0Hz Lamp Flux:374.408x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:6500K	DIM.:	SERIAL No.:A002-1
MFR.: EVERFINE	SUR.:	Shielding Angle:



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:24.8DEG  
 Operators:LWQ  
 Test Date:2021-1-9

γ Range: 0 - 90DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-SPEC316\_V1 SYSTEM V2.0.366  
 Humidity:40%  
 Test Distance:3.170m [K=1.0000]  
 Remarks:

## LED Avg.L Report

Test:U:24.044V I:0.1713A P:4.1190W PF:1.0000 Freq:0Hz Lamp Flux:374.408x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:6500K	DIM.:	SERIAL No.:A002-1
MFR.: EVERFINE	SUR.:	Shielding Angle:

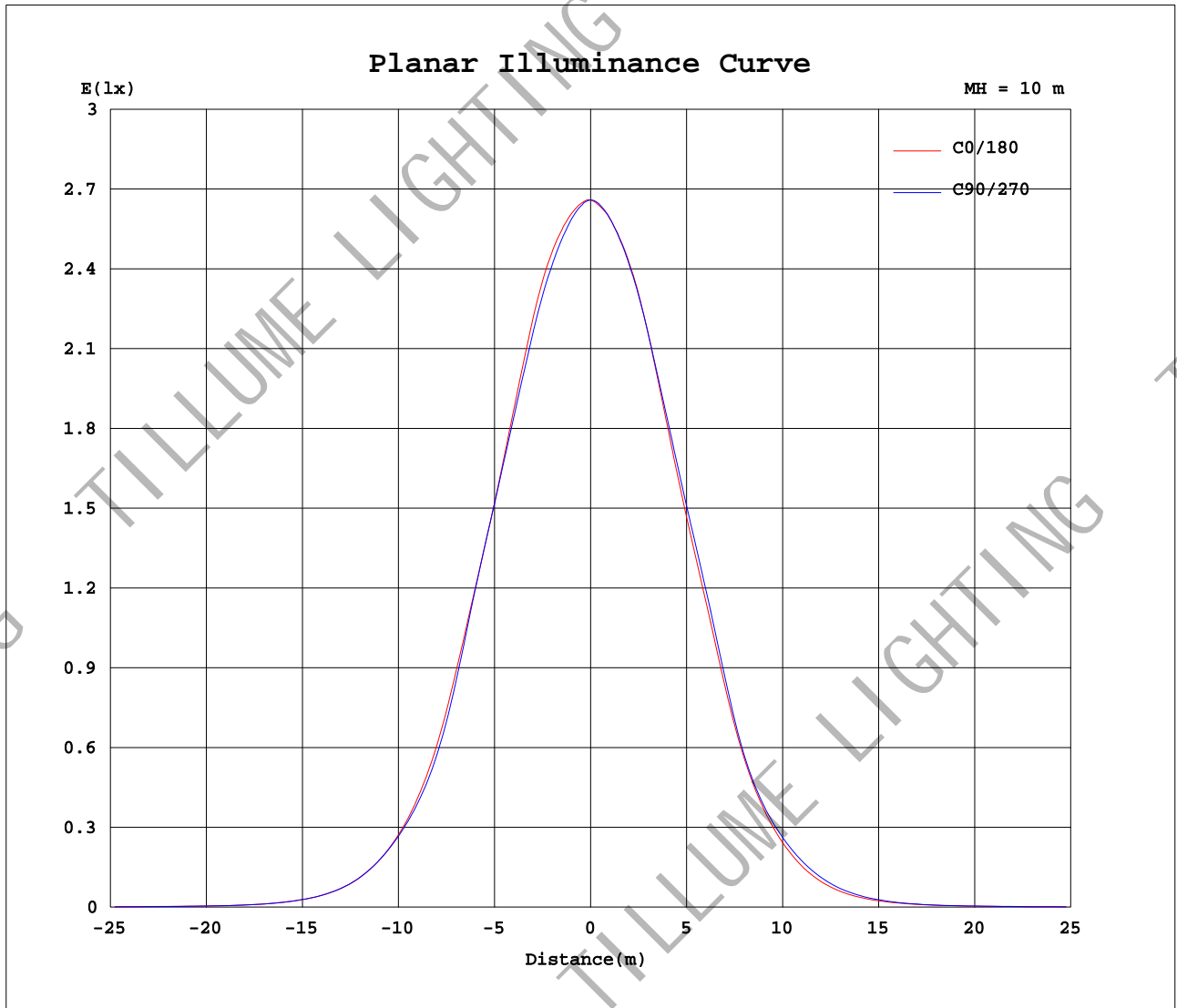
AvgL	cd/m2
L_0~180(65)av	3995
L_0~180(75)av	2428
L_0~180(85)av	3496
L_90~270(65)av	3937
L_90~270(75)av	2421
L_90~270(85)av	3315
L_45(65)av	3991
L_45(75)av	2503
L_45(85)av	3236

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:24.8DEG  
 Operators:LWQ  
 Test Date:2021-1-9

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 0.5DEG  
 Test System:EVERFINE GO-SPEC316\_V1 SYSTEM V2.0.366  
 Humidity:40%  
 Test Distance:3.170m [K=1.0000]  
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 24.8DEG  
Operators: LWQ  
Test Date: 2021-1-9

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 0.5DEG  
Test System: EVERFINE GO-SPEC316\_V1 SYSTEM V2.0.366  
Humidity: 40%  
Test Distance: 3.170m [K=1.0000]  
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.044V I:0.1713A P:4.1190W PF:1.0000 Freq:0Hz Lamp Flux:374.408x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:6500K	DIM.:	SERIAL No.:A002-1
MFR.: EVERFINE	SUR.:	Shielding Angle:

Table--1

UNIT: cd

C( DEG) γ (DEG)	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5			
0	266	266	266	266	266	266	265	264	266	266	266	266	266	266	265	264			
5	265	265	265	264	263	262	261	261	263	263	263	263	264	264	265	265			
10	262	262	261	259	258	257	254	256	259	258	258	257	258	259	263	263			
15	256	256	254	253	250	247	240	244	250	249	249	248	250	252	258	258			
20	241	242	240	239	236	232	223	226	233	232	231	232	235	237	246	245			
25	220	222	221	221	218	215	205	207	212	210	212	213	217	220	227	224			
30	196	198	198	200	196	192	176	181	188	187	189	190	195	198	206	202			
35	161	166	164	162	155	150	130	139	151	148	150	150	157	162	179	171			
40	116	120	119	118	110	106	88.8	95.3	106	104	105	105	109	114	134	127			
45	76.9	80.1	79.2	79.9	75.6	71.2	55.4	59.6	68.7	66.4	67.1	68.8	74.1	77.4	91.7	85.8			
50	43.9	46.6	46.4	47.8	44.2	41.2	29.4	31.8	37.9	36.0	37.7	39.5	43.9	46.6	56.6	51.0			
55	20.9	22.8	22.8	23.2	20.9	19.5	12.9	14.5	17.6	16.6	17.7	18.3	20.6	22.4	29.4	25.2			
60	8.96	9.68	9.58	9.65	8.72	7.96	5.84	6.09	7.62	7.26	7.56	7.64	8.32	9.27	12.6	11.1			
65	4.36	4.71	4.51	4.53	4.19	4.13	3.14	3.40	4.11	4.14	4.06	4.11	4.15	4.32	5.22	5.10			
70	2.54	2.51	2.52	2.47	2.47	2.42	1.84	2.28	2.42	2.41	2.38	2.43	2.44	2.54	3.03	2.88			
75	1.60	1.57	1.66	1.57	1.55	1.45	1.59	1.62	1.56	1.60	1.44	1.47	1.60	1.72	1.81	1.87			
80	0.95	0.89	0.87	0.85	0.85	0.84	0.77	0.84	1.02	0.94	0.87	0.91	1.05	1.13	1.83	1.55			
85	0.77	0.73	0.71	0.73	0.71	0.69	0.61	0.73	0.76	0.74	0.73	0.76	0.74	0.74	0.78	0.73			
90	0.00	0.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.74	0.69			

C Range: 0 - 360DEG  
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