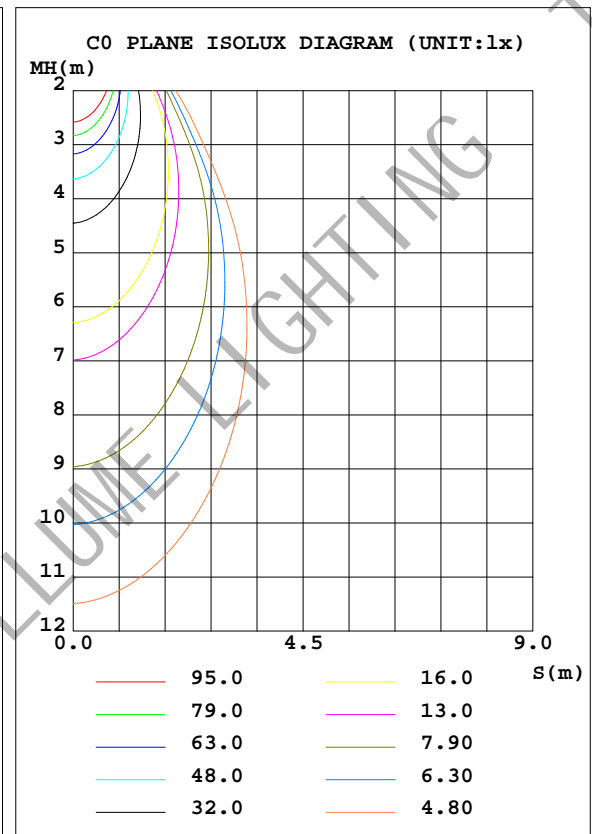
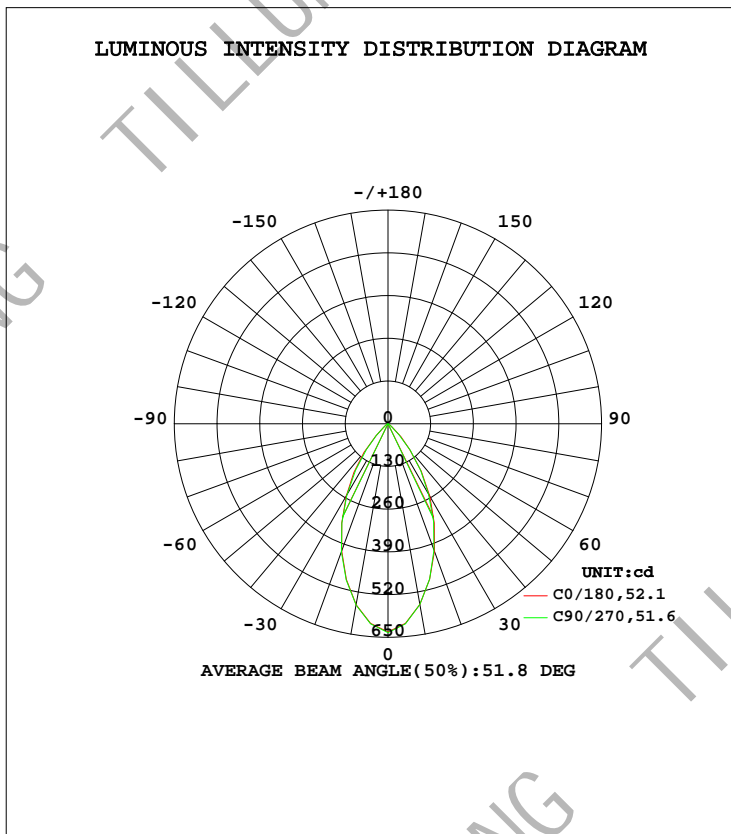


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:24.000V I:0.2912A P:6.0828W PF:0.8705 Freq:0Hz Lamp Flux:516.57x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:6500K	DIM.:	SERIAL No.:红+白
MFR.: EVERFINE	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 84.92 lm/W			
MODEL		I <sub>max</sub> (cd)	635.9	S/MH(C0/180)	0.78
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	0.78
RATED VOLTAGE(V)		TOTAL FLUX(lm)	516.57	η UP, DN(C0-180)	0.0,50.1
NOMINAL FLUX(lm)	516.57	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0,49.9
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)		η down(%)	100.0	CIBSE SHR MAX	0.85



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25DEG  
 Operators:HHC  
 Test Date:2020-11-29

γ Range: 0 - 90DEG  
 γ Interval: 5.0DEG  
 Test System:EVERFINE GO-SPEC316\_V1 SYSTEM V2.0.366  
 Humidity:45%  
 Test Distance:3.170m [K=1.0000]  
 Remarks:

## ZONAL FLUX DIAGRAM

## ZONAL FLUX DIAGRAM:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum,lamp
10	558.3	567.6	558.5	552.8	559.4	551.1	560.3	569.4	0- 10	56.76	56.76	11,11
20	413.0	421.3	409.9	403.9	412.6	403.0	415.4	417.9	10- 20	136.7	193.5	37.5,37.5
30	254.2	261.9	247.2	245.9	255.0	242.6	251.2	261.9	20- 30	152.2	345.7	66.9,66.9
40	102.3	117.2	106.4	103.1	114.2	104.6	102.9	111.2	30- 40	110.7	456.4	88.4,88.4
50	16.63	18.64	16.39	15.07	17.18	15.93	18.87	19.41	40- 50	43.98	500.4	96.9,96.9
60	5.888	5.912	5.912	5.278	5.896	5.897	6.601	6.335	50- 60	9.347	509.7	98.7,98.7
70	2.509	2.711	2.760	2.499	2.558	2.483	2.755	2.683	60- 70	4.122	513.9	99.5,99.5
80	0.9858	1.579	1.468	0.8899	0.8583	0.8177	1.443	1.529	70- 80	1.979	515.8	99.9,99.9
90	0	0	0	0	0	0	0	0.2840	80- 90	0.7317	516.6	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): 486.17 lm

%lum = 94.1%

%lamp = 94.1%

Conical surface Flux(120deg): 509.74 lm

%lum = 98.7%

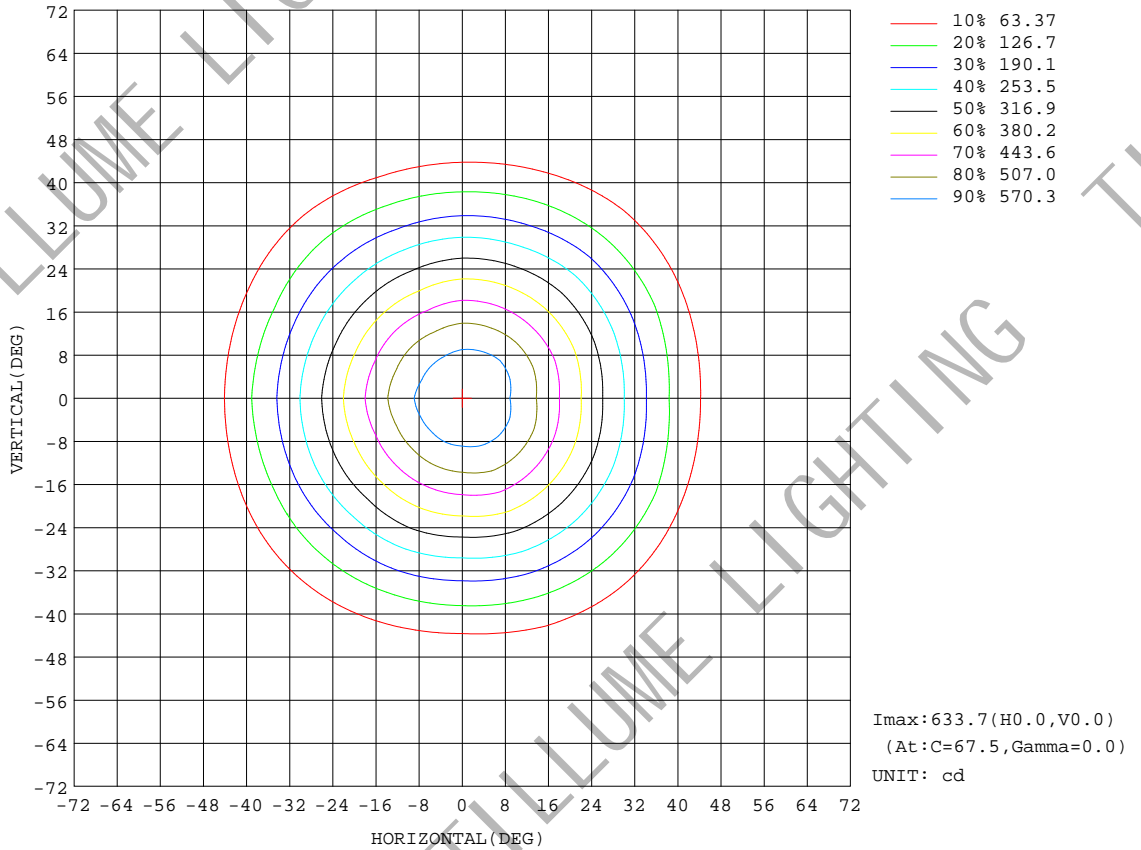
%lamp = 98.7%

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25DEG  
 Operators:HHC  
 Test Date:2020-11-29

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 5.0DEG  
 Test System:EVERFINE GO-SPEC316\_V1 SYSTEM V2.0.366  
 Humidity:45%  
 Test Distance:3.170m [K=1.0000]  
 Remarks:

ISOCANDELA DIAGRAM

Test:U:24.000V I:0.2912A P:6.0828W PF:0.8705 Freq:0Hz Lamp Flux:516.57x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:6500K	DIM.:	SERIAL No.:红+白
MFR.: EVERFINE	SUR.:	Shielding Angle:

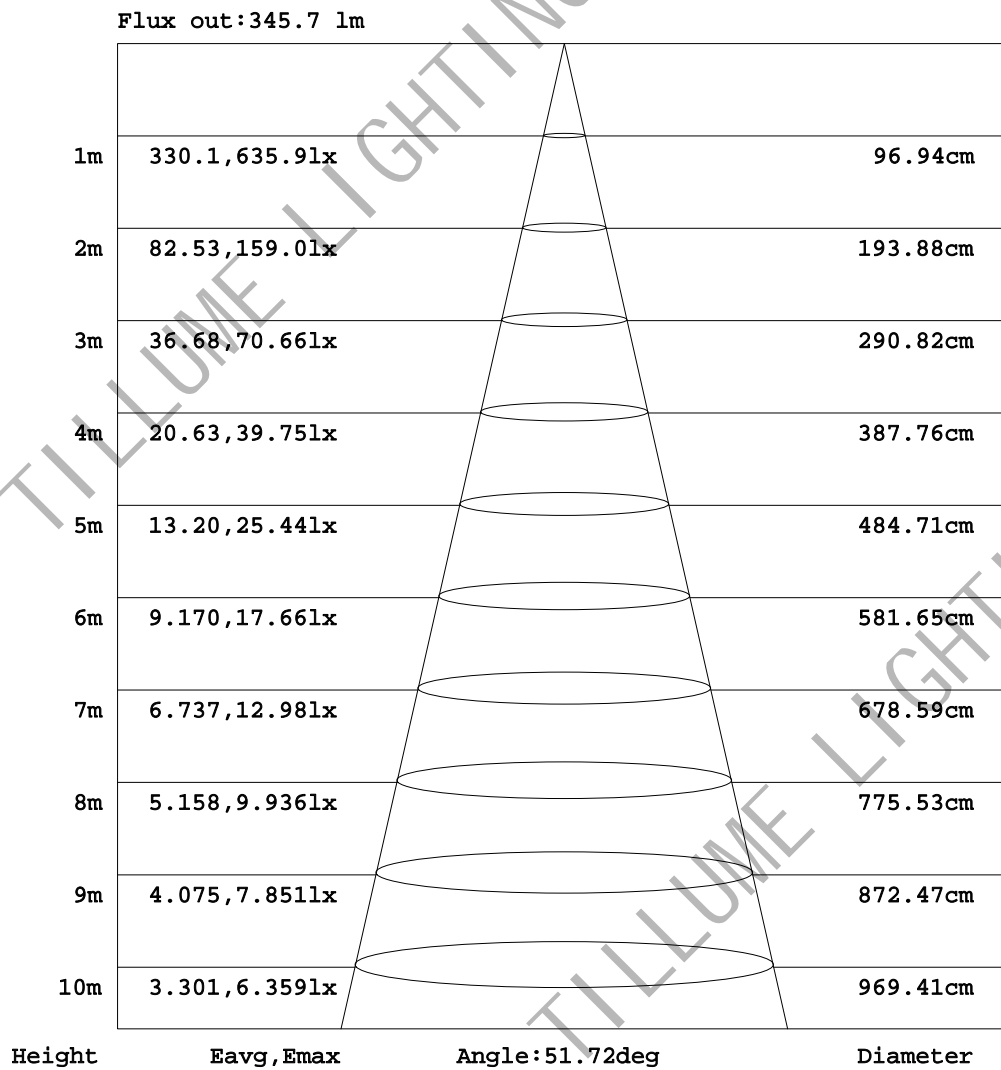


C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25DEG  
 Operators: HHC  
 Test Date: 2020-11-29

γ Range: 0 - 90DEG  
 γ Interval: 5.0DEG  
 Test System: EVERFINE GO-SPEC316\_V1 SYSTEM V2.0.366  
 Humidity: 45%  
 Test Distance: 3.170m [K=1.0000]  
 Remarks:

AAI Figure

Test:U:24.000V I:0.2912A P:6.0828W PF:0.8705 Freq:0Hz Lamp Flux:516.57x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:6500K	DIM.:	SERIAL No.:红+白
MFR.: EVERFINE	SUR.:	Shielding Angle:



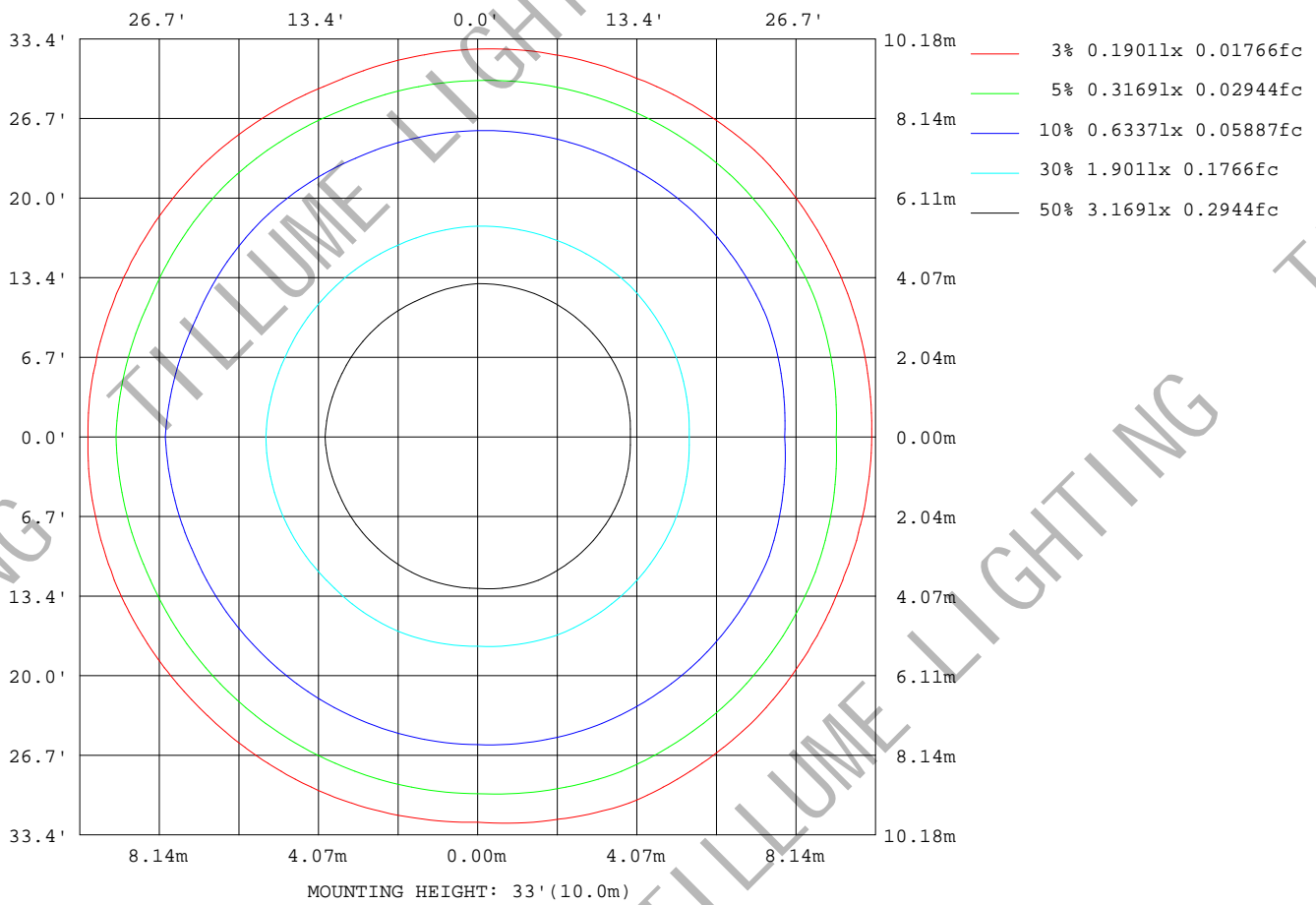
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25DEG  
 Operators:HHC  
 Test Date:2020-11-29

γ Range: 0 - 90DEG  
 γ Interval: 5.0DEG  
 Test System:EVERFINE GO-SPEC316\_V1 SYSTEM V2.0.366  
 Humidity:45%  
 Test Distance:3.170m [K=1.0000]  
 Remarks:

ISOLUX DIAGRAM

Test:U:24.000V I:0.2912A P:6.0828W PF:0.8705 Freq:0Hz Lamp Flux:516.57x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:6500K	DIM.:	SERIAL No.:红+白
MFR.: EVERFINE	SUR.:	Shielding Angle:



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25DEG  
 Operators:HHC  
 Test Date:2020-11-29

γ Range: 0 - 90DEG  
 γ Interval: 5.0DEG  
 Test System:EVERFINE GO-SPEC316\_V1 SYSTEM V2.0.366  
 Humidity:45%  
 Test Distance:3.170m [K=1.0000]  
 Remarks:

## LED Avg.L Report

Test:U:24.000V I:0.2912A P:6.0828W PF:0.8705 Freq:0Hz Lamp Flux:516.57x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:6500K	DIM.:	SERIAL No.:红+白
MFR.: EVERFINE	SUR.:	Shielding Angle:

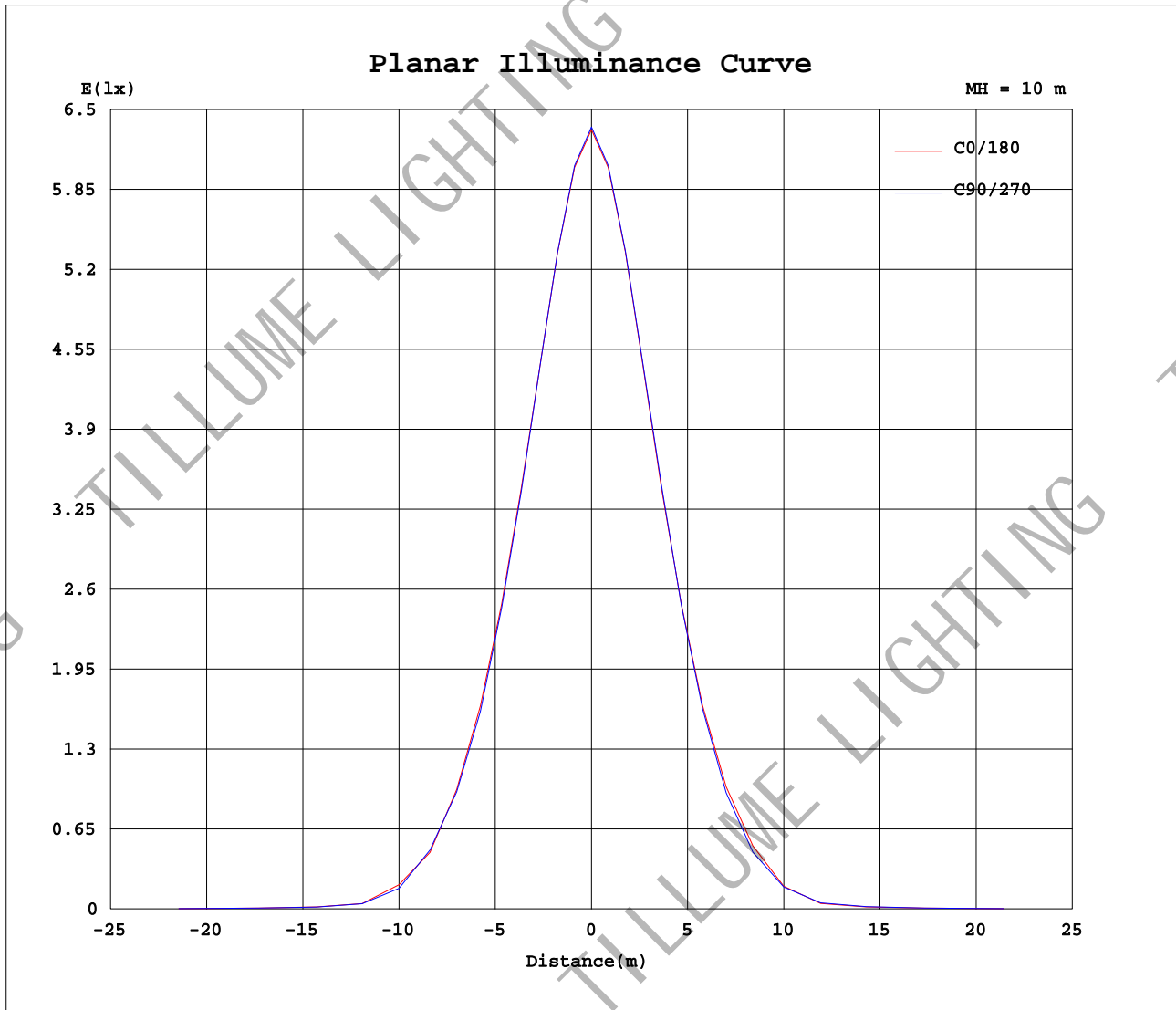
AvgL	cd/m2
L_0~180(65)av	3684
L_0~180(75)av	2688
L_0~180(85)av	3030
L_90~270(65)av	3956
L_90~270(75)av	2797
L_90~270(85)av	3445
L_45(65)av	3748
L_45(75)av	2671
L_45(85)av	3116

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25DEG  
 Operators:HHC  
 Test Date:2020-11-29

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 5.0DEG  
 Test System:EVERFINE GO-SPEC316\_V1 SYSTEM V2.0.366  
 Humidity:45%  
 Test Distance:3.170m [K=1.0000]  
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25DEG  
 Operators: HHC  
 Test Date: 2020-11-29

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 5.0DEG  
 Test System: EVERFINE GO-SPEC316\_V1 SYSTEM V2.0.366  
 Humidity: 45%  
 Test Distance: 3.170m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.000V I:0.2912A P:6.0828W PF:0.8705 Freq:0Hz Lamp Flux:516.57x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:6500K	DIM.:	SERIAL No.:红+白
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	634	634	635	636	636	636	635	635	634	634	635	636	636	636	635	635			
5	610	614	615	615	611	609	608	606	610	606	607	607	611	613	614	614			
10	558	566	568	565	559	557	553	554	559	551	551	554	560	564	569	566			
15	490	500	502	501	489	484	480	480	491	484	485	483	492	494	497	497			
20	413	419	421	424	410	407	404	404	413	405	403	403	415	418	418	421			
25	333	341	341	340	329	331	324	328	334	323	321	322	333	337	343	342			
30	254	261	262	259	247	249	246	251	255	247	243	244	251	254	262	260			
35	177	186	186	183	173	173	170	175	181	172	168	165	172	177	186	184			
40	102	119	117	113	106	103	103	103	114	100	105	102	103	108	111	115			
45	56.0	54.0	57.5	57.9	47.5	50.3	50.9	53.0	52.3	51.1	49.1	44.6	50.5	54.1	59.9	58.3			
50	16.6	18.6	18.6	18.9	16.4	16.2	15.1	16.3	17.2	16.3	15.9	17.3	18.9	18.7	19.4	18.4			
55	9.42	9.21	9.03	9.29	8.80	8.39	8.25	8.37	8.98	8.80	9.19	10.0	10.7	10.4	10.1	10.0			
60	5.89	5.89	5.91	5.91	5.91	5.71	5.28	5.64	5.90	5.87	5.90	6.15	6.60	6.43	6.33	6.16			
65	3.90	3.91	3.97	4.14	4.12	3.89	3.85	3.83	3.91	3.87	3.90	4.09	4.27	4.27	4.16	4.62			
70	2.51	2.61	2.71	2.80	2.76	2.54	2.50	2.49	2.56	2.50	2.48	2.66	2.75	2.77	2.68	2.65			
75	1.72	2.04	1.89	2.14	1.83	2.05	1.57	1.54	1.77	1.59	1.60	1.98	1.80	1.83	1.87	2.05			
80	0.99	1.39	1.58	1.65	1.47	1.22	0.89	0.84	0.86	0.85	0.82	1.08	1.44	1.63	1.53	1.29			
85	0.74	0.73	0.75	0.77	0.73	0.71	0.62	0.57	0.58	0.56	0.58	0.70	0.77	0.78	0.77	0.74			
90	0.00	0.46	0.00	0.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.28	0.00			

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25DEG  
 Operators:HHC  
 Test Date:2020-11-29

γ Range: 0 - 90DEG  
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