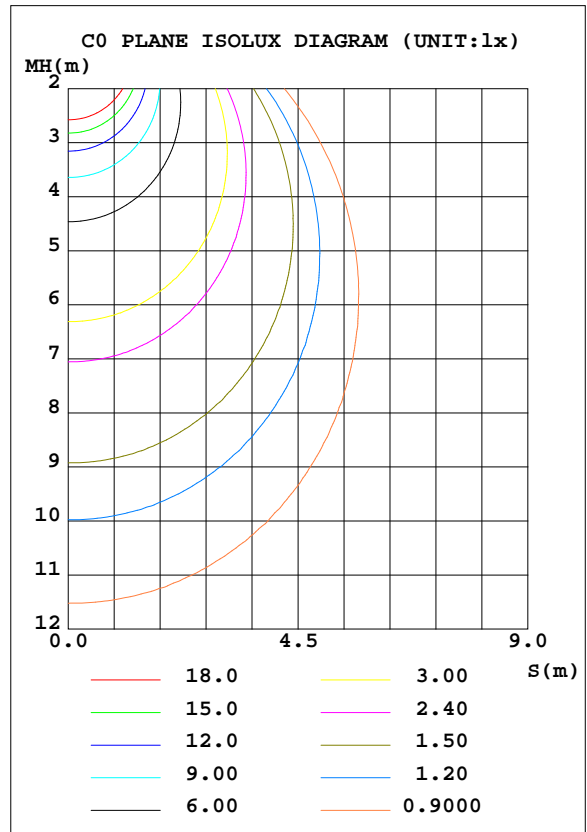
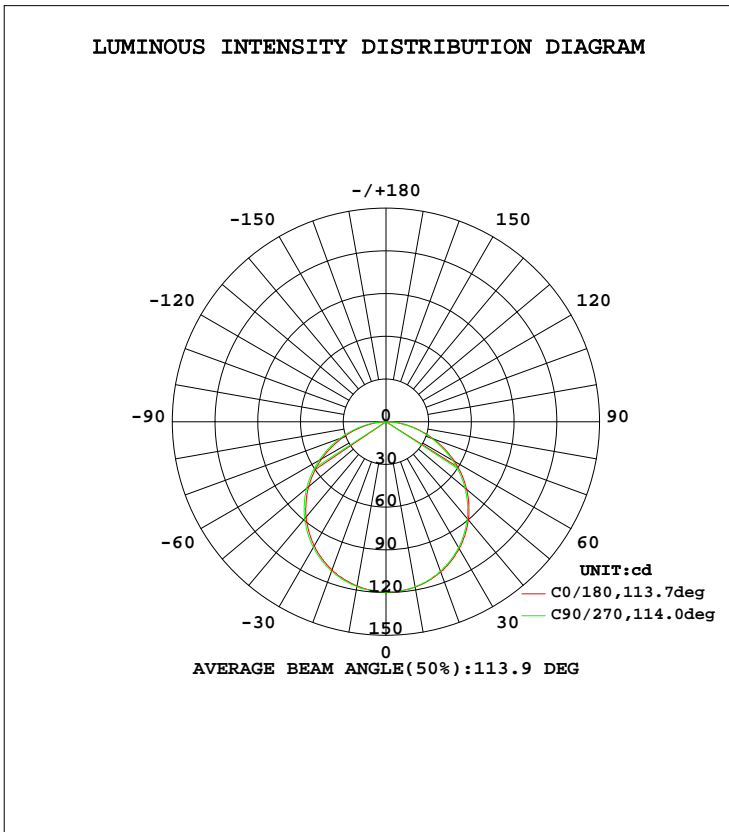


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:127.0V I:0.0508A P:6.391W PF:0.9907 Lamp Flux:349.397x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:DL-JA206ER1	DIM.:	SERIAL No.:A1604356B002
MFR.: LEEDARSON	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 54.67 lm/W			
MODEL		I <sub>max</sub> (cd)	119.6	S/MH(C0/180)	1.25
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	1.27
RATED VOLTAGE(V)		TOTAL FLUX(lm)	349.40	η UP, DN(C0-180)	0.0, 50.2
NOMINAL FLUX(lm)	349.397	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0, 49.8
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)		η down(%)	100.0	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:24.9DEG  
 Operators:LIYANG  
 Test Date:2016-04-08

γ Range: 0 - 90DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-SPEC316\_V1 SYSTEM V2.0.287  
 Humidity:35%  
 Test Distance:3.130m [K=1.0000]  
 Remarks: ZT-197 光分布测试系统

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	lum, lamp
5	119.1	119.2	119.1	119.0	118.7	118.8	119.0	119.2	0- 5	2.852	2.852	0.82,0.82
10	117.9	117.9	117.6	117.3	117.0	117.1	117.5	118.2	5- 10	8.467	11.32	3.24,3.24
15	115.5	115.4	115.2	114.7	114.5	114.6	115.1	115.5	10- 15	13.80	25.12	7.19,7.19
20	112.2	112.1	111.7	111.2	110.8	111.1	111.7	112.2	15- 20	18.69	43.81	12.5,12.5
25	108.0	107.9	107.3	106.5	106.2	106.4	107.2	108.1	20- 25	22.95	66.76	19.1,19.1
30	102.9	102.8	102.1	101.1	100.8	101.0	102.0	102.8	25- 30	26.47	93.23	26.7,26.7
35	96.85	96.48	95.88	94.79	94.34	94.64	95.81	96.88	30- 35	29.11	122.3	35,35
40	89.87	89.66	88.71	87.84	87.19	87.70	88.79	89.86	35- 40	30.77	153.1	43.8,43.8
45	82.21	81.95	80.90	79.82	79.33	79.86	81.10	82.21	40- 45	31.42	184.5	52.8,52.8
50	73.92	73.42	72.41	71.36	71.02	71.27	72.78	73.91	45- 50	31.01	215.5	61.7,61.7
55	64.97	64.37	63.31	62.06	61.66	62.27	63.79	64.98	50- 55	29.56	245.1	70.1,70.1
60	55.42	55.02	53.76	52.45	52.04	52.69	54.27	55.43	55- 60	27.12	272.2	77.9,77.9
65	45.59	44.96	43.97	42.82	42.23	42.93	44.58	45.65	60- 65	23.80	296.0	84.7,84.7
70	35.39	34.92	34.29	32.75	32.22	32.94	34.48	35.77	65- 70	19.77	315.8	90.4,90.4
75	25.64	25.19	24.50	23.29	22.41	23.09	24.73	25.66	70- 75	15.25	331.0	94.7,94.7
80	16.24	15.89	15.80	14.27	13.28	14.07	15.71	16.56	75- 80	10.53	341.6	97.8,97.8
85	7.980	7.704	7.413	6.145	5.397	6.090	7.270	7.927	80- 85	5.977	347.5	99.5,99.5
90	0.8936	0	0	0	0	0	0	0.2887	85- 90	1.862	349.4	100,100
95									90- 95			
100									95-100			
105									100-105			
110									105-110			
115									110-115			
120									115-120			
125									120-125			
130									125-130			
135									130-135			
140									135-140			
145									140-145			
150									145-150			
155									150-155			
160									155-160			
165									160-165			
170									165-170			
175									170-175			
180									175-180			
DEG	LUMINOUS INTENSITY:cd								UNIT:lm			

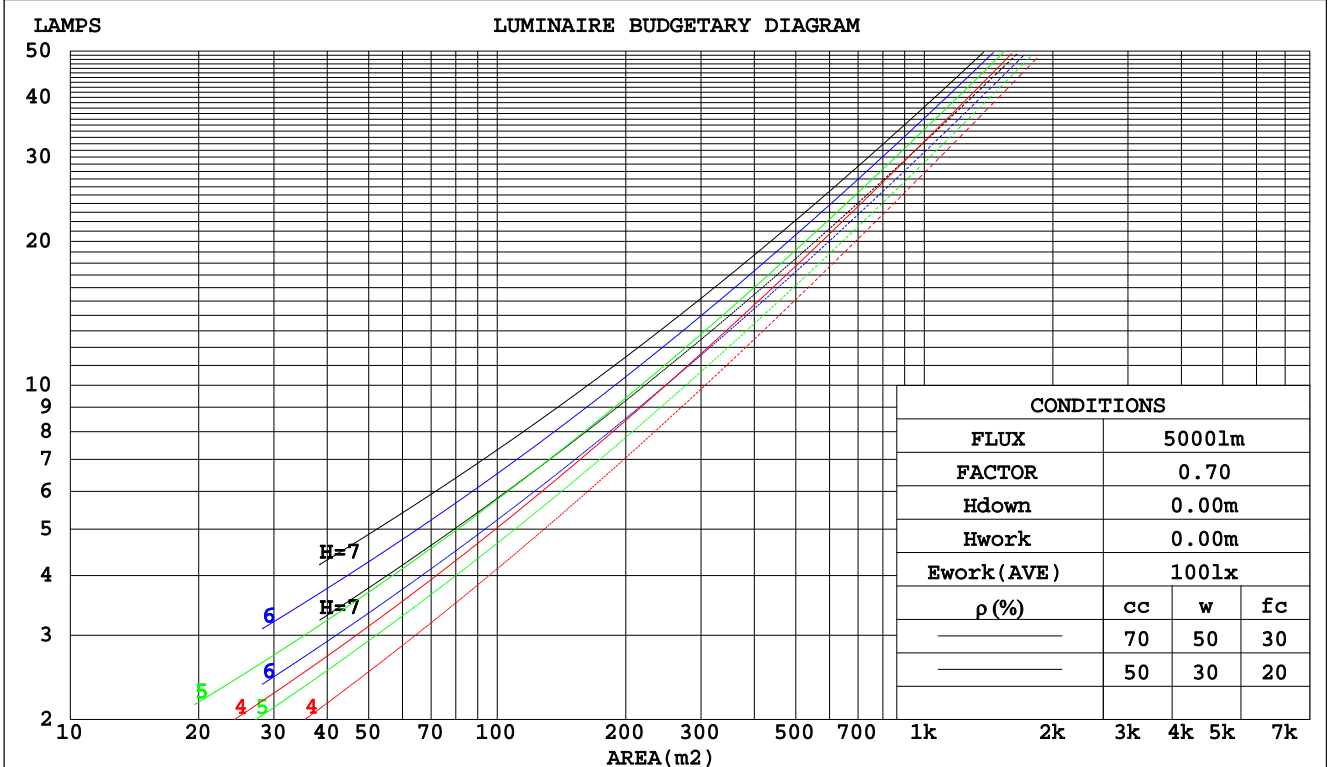
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:24.9DEG  
 Operators:LIYANG  
 Test Date:2016-04-08

γ Range: 0 - 90DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-SPEC316\_V1 SYSTEM V2.0.287  
 Humidity:35%  
 Test Distance:3.130m [K=1.0000]  
 Remarks: ZT-197 光分布测试系统

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:127.0V I:0.0508A P:6.391W PF:0.9907 Lamp Flux:349.397x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:DL-JA206ER1	DIM.:	SERIAL No.:A1604356B002
MFR.: LEEDARSON	SUR.:	PROTECTION 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															
	Coefficients of Utilization(CU)															
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00
1.0	1.04	.99	.95	1.01	.97	.94	.97	.94	.91	.93	.90	.88	.89	.87	.85	.83
2.0	.90	.83	.77	.88	.82	.76	.85	.79	.74	.81	.77	.73	.78	.74	.71	.69
3.0	.79	.71	.64	.77	.70	.63	.74	.68	.62	.72	.66	.61	.69	.64	.60	.58
4.0	.70	.61	.54	.68	.60	.54	.66	.59	.53	.64	.57	.52	.61	.56	.51	.49
5.0	.62	.53	.46	.61	.53	.46	.59	.51	.46	.57	.50	.45	.55	.49	.45	.42
6.0	.56	.47	.40	.55	.46	.40	.53	.46	.40	.52	.45	.40	.50	.44	.39	.37
7.0	.51	.42	.36	.50	.41	.36	.48	.41	.35	.47	.40	.35	.46	.39	.35	.33
8.0	.46	.38	.32	.46	.37	.32	.44	.37	.31	.43	.36	.31	.42	.36	.31	.29
9.0	.42	.34	.29	.42	.34	.28	.41	.33	.28	.40	.33	.28	.39	.32	.28	.26
10.0	.39	.31	.26	.39	.31	.26	.38	.31	.26	.37	.30	.26	.36	.30	.25	.24

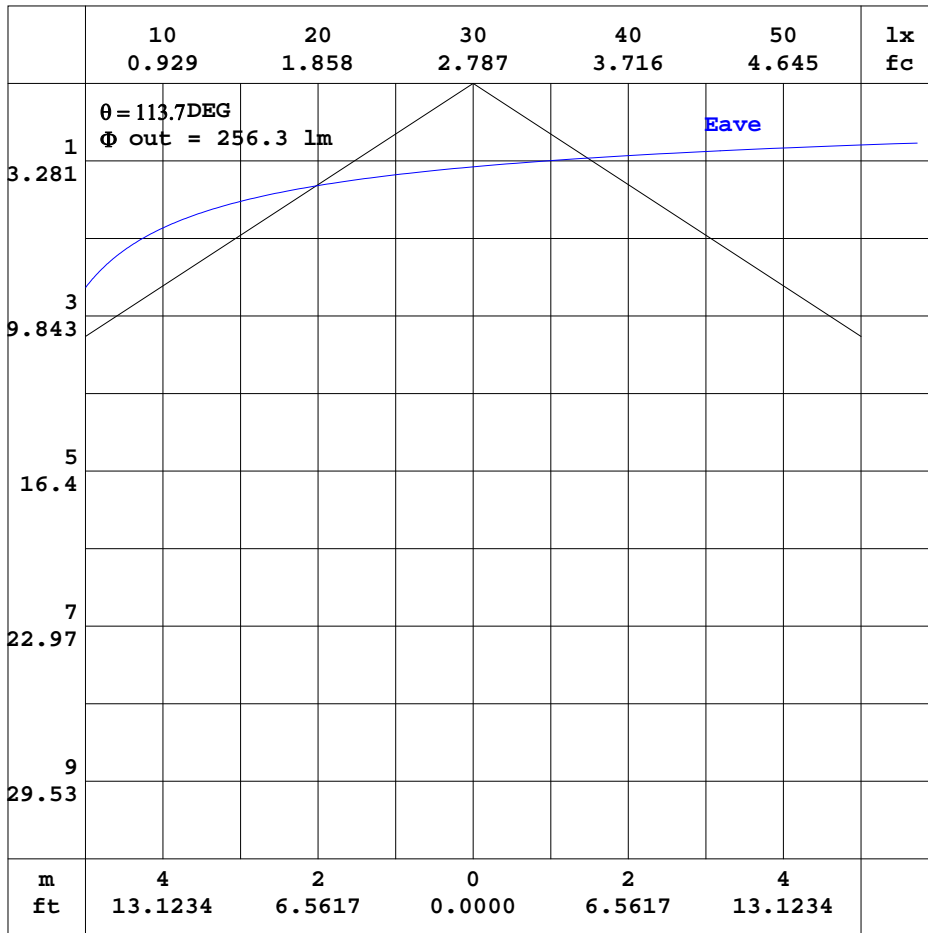


C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 24.9DEG  
 Operators: LIYANG  
 Test Date: 2016-04-08

γ Range: 0 - 90DEG  
 γ Interval: 0.5DEG  
 Test System: EVERFINE GO-SPEC316\_V1 SYSTEM V2.0.287  
 Humidity: 35%  
 Test Distance: 3.130m [K=1.0000]  
 Remarks: ZT-197 光分布测试系统

AAI CURVES

Test:U:127.0V I:0.0508A P:6.391W PF:0.9907 Lamp Flux:349.397x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:DL-JA206ER1	DIM.:	SERIAL No.:A1604356B002
MFR.: LEEDARSON	SUR.:	PROTECTION ANGLE:



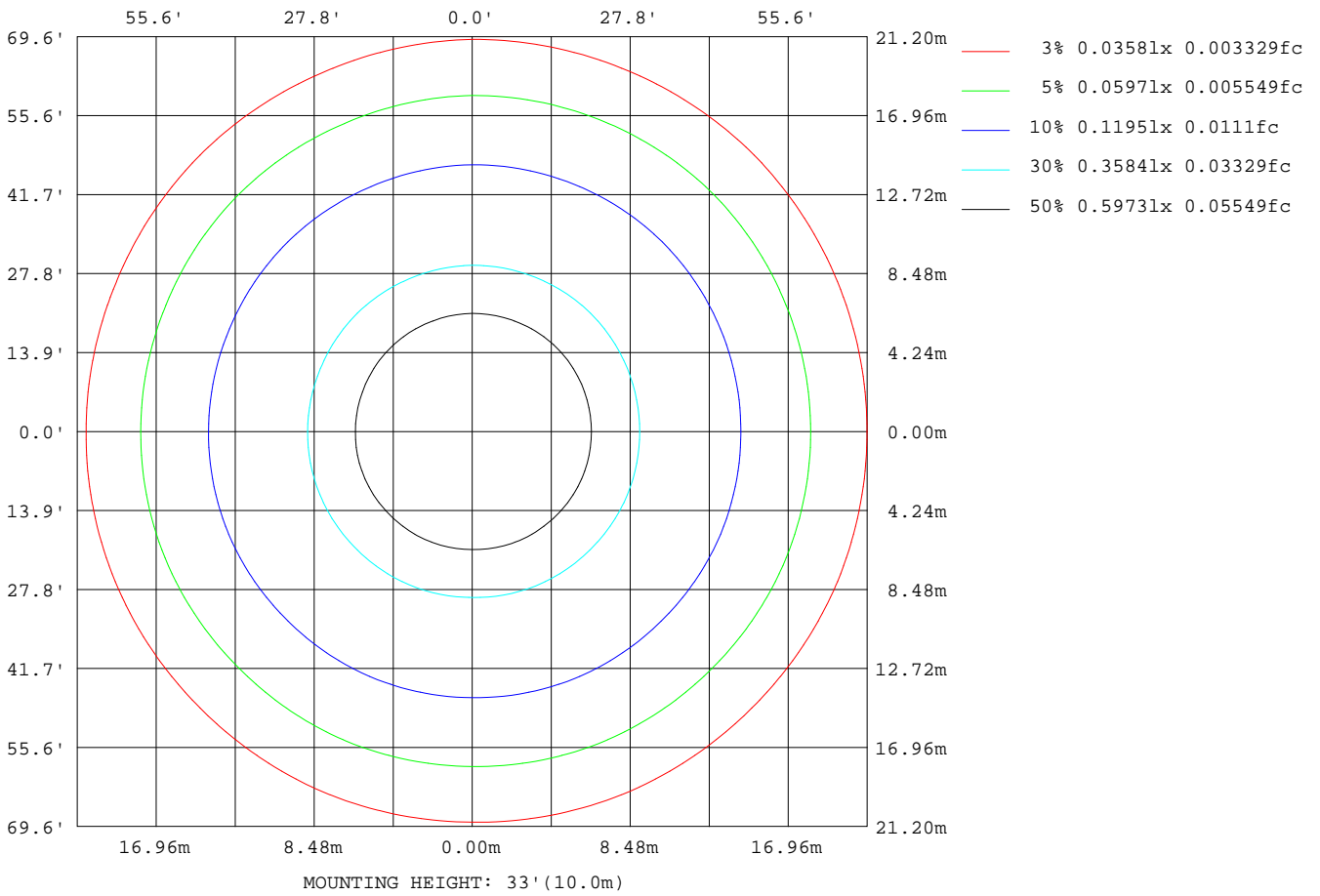
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:24.9DEG  
 Operators:LIYANG  
 Test Date:2016-04-08

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 0.5DEG  
 Test System:EVERFINE GO-SPEC316\_V1 SYSTEM V2.0.287  
 Humidity:35%  
 Test Distance:3.130m [K=1.0000]  
 Remarks: ZT-197 光分布测试系统

ISOLUX DIAGRAM

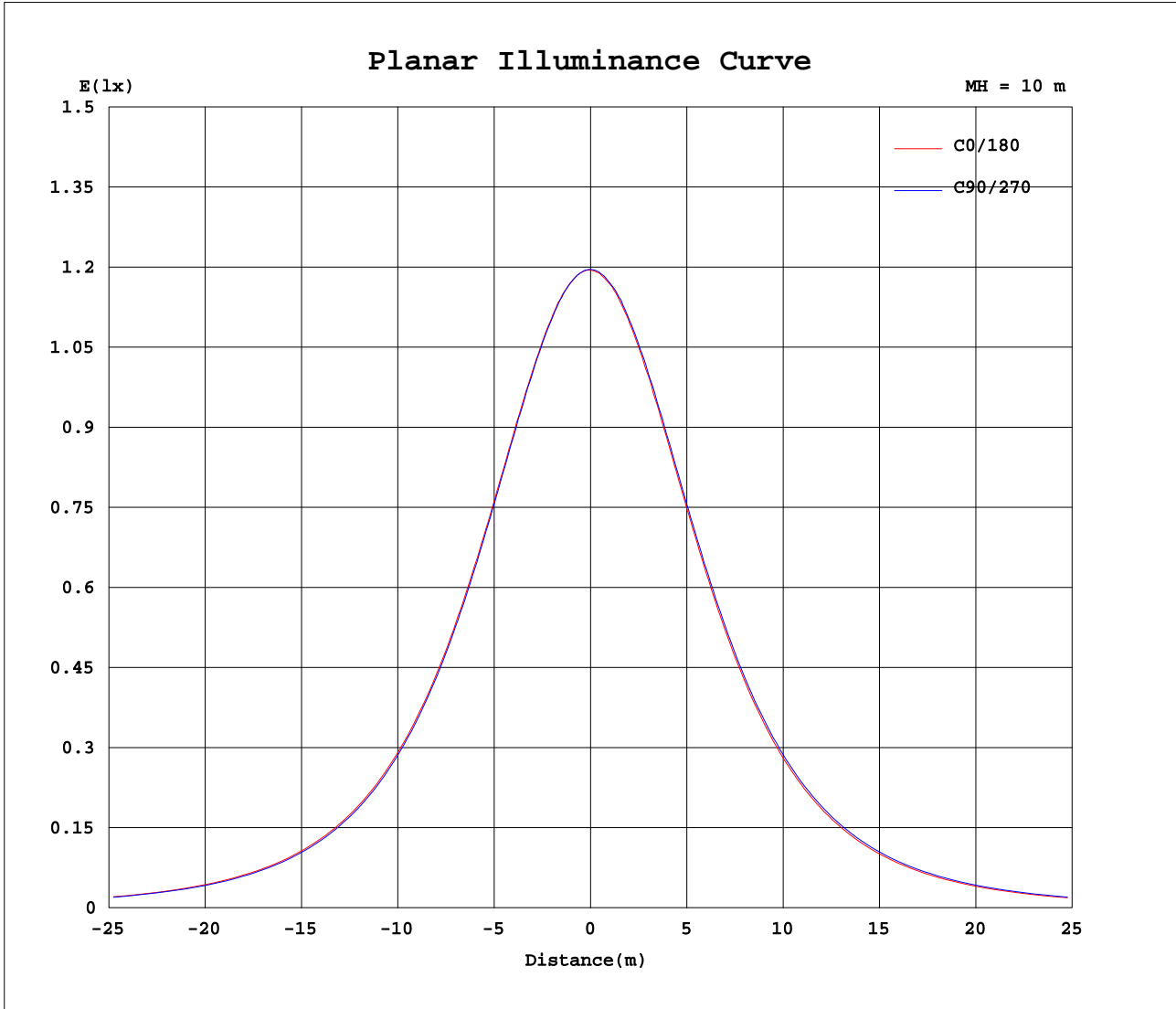
Test:U:127.0V I:0.0508A P:6.391W PF:0.9907 Lamp Flux:349.397x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:DL-JA206ER1	DIM.:	SERIAL No.:A1604356B002
MFR.: LEEDARSON	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:24.9DEG  
 Operators:LIYANG  
 Test Date:2016-04-08

γ Range: 0 - 90DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-SPEC316\_V1 SYSTEM V2.0.287  
 Humidity:35%  
 Test Distance:3.130m [K=1.0000]  
 Remarks: ZT-197 光分布测试系统

Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 24.9DEG  
Operators: LIYANG  
Test Date: 2016-04-08

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 0.5DEG  
Test System: EVERFINE GO-SPEC316\_V1 SYSTEM V2.0.287  
Humidity: 35%  
Test Distance: 3.130m [K=1.0000]  
Remarks: ZT-197 光分布测试系统

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:127.0V I:0.0508A P:6.391W PF:0.9907 Lamp Flux:349.397x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:DL-JA206ER1	DIM.:	SERIAL No.:A1604356B002
MFR.: LEEDARSON	SUR.:	PROTECTION ANGLE:

Table--1

UNIT: cd

C(DEC) γ (DEC)	0	23	45	68	90	113	135	158	180	203	225	248	270	293	315	338				
0	119	119	120	120	120	120	120	120	119	119	120	120	120	120	120	120				
5	119	119	119	119	119	119	119	119	119	119	119	119	119	119	119	119				
10	118	118	118	118	118	118	117	117	117	117	117	117	118	118	118	118				
15	115	116	115	115	115	115	115	115	115	114	115	115	115	115	116	116				
20	112	112	112	112	112	112	111	111	111	111	111	111	112	112	112	112				
25	108	108	108	108	107	107	107	106	106	106	106	107	107	107	108	108				
30	103	103	103	103	102	102	101	101	101	101	101	101	102	102	103	103				
35	96.9	97.0	96.5	96.4	95.9	95.6	94.8	94.7	94.3	94.2	94.6	95.0	95.8	96.0	96.9	96.9				
40	89.9	90.2	89.7	89.6	88.7	88.5	87.8	87.7	87.2	87.1	87.7	88.0	88.8	89.1	89.9	89.9				
45	82.2	82.4	81.9	81.7	80.9	80.6	79.8	79.8	79.3	79.2	79.9	80.2	81.1	81.6	82.2	82.2				
50	73.9	74.0	73.4	73.3	72.4	72.1	71.4	71.2	71.0	70.6	71.3	71.6	72.8	73.1	73.9	74.0				
55	65.0	65.2	64.4	64.2	63.3	62.9	62.1	62.1	61.7	61.6	62.3	62.6	63.8	64.2	65.0	65.0				
60	55.4	55.5	55.0	54.8	53.8	53.5	52.4	52.3	52.0	52.0	52.7	53.1	54.3	54.8	55.4	55.4				
65	45.6	45.7	45.0	44.8	44.0	43.8	42.8	42.5	42.2	41.9	42.9	43.3	44.6	44.8	45.6	45.6				
70	35.4	35.6	34.9	34.8	34.3	33.9	32.7	32.5	32.2	32.0	32.9	33.4	34.5	34.9	35.8	35.4				
75	25.6	25.6	25.2	25.4	24.5	24.3	23.3	22.9	22.4	22.2	23.1	23.8	24.7	25.1	25.7	25.7				
80	16.2	16.6	15.9	16.3	15.8	15.4	14.3	13.9	13.3	13.2	14.1	14.6	15.7	15.8	16.6	16.2				
85	7.98	7.91	7.70	7.91	7.41	6.98	6.15	5.93	5.40	5.48	6.09	6.36	7.27	7.47	7.93	8.01				
90	0.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.58	0.29	0.91				

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:24.9DEG  
 Operators:LIYANG  
 Test Date:2016-04-08

γ Range: 0 - 90DEG  
 γ Interval: 0.5DEG  
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 Humidity:35%  
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