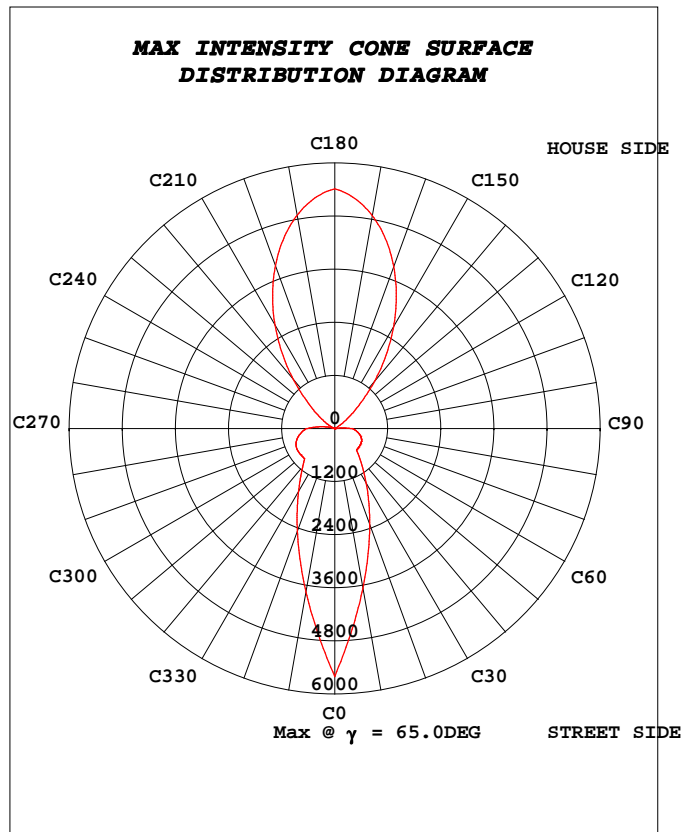
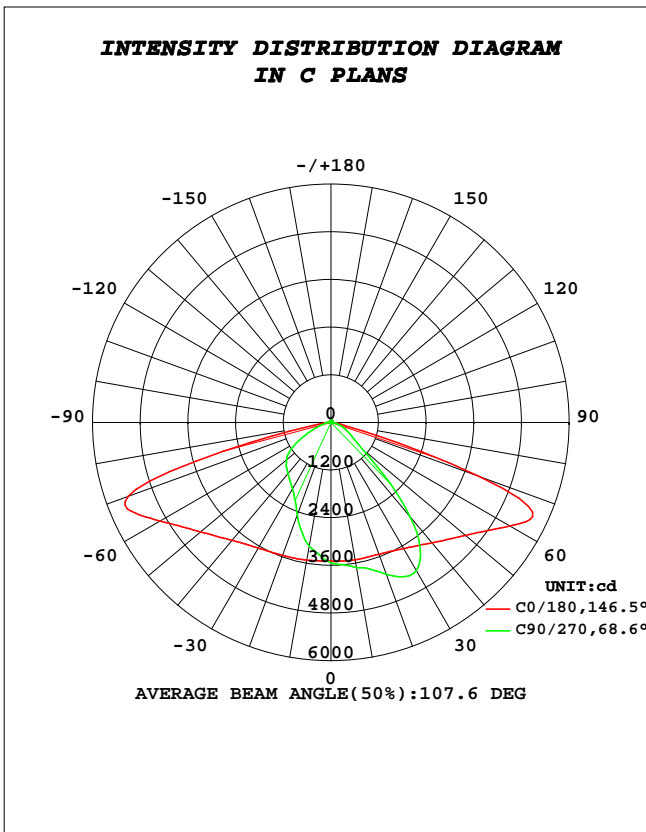


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:220.7V I:0.4650A P:99.90W PF:0.9730 Lamp Flux:12852.8x1 lm		
NAME: 隧道灯	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: 100W	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 128.66 lm/W			
MODEL		I _{max} (cd)	5603	η street_up(%)	1.2
NOMINAL POWER(W)	102	LOR(%)	100.0	η street_down(%)	55.3
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	12853	η house_up(%)	0.7
NOMINAL FLUX(lm)	12852.8	MAXIMUM @(C,γ)	0,65.0	η house_down(%)	42.8
LAMPS INSIDE	1	η up(%)	1.9	76 FLASHAREA(m2)	
TEST VOLTAGE(V)	220.6	η down(%)	98.1	SLI	



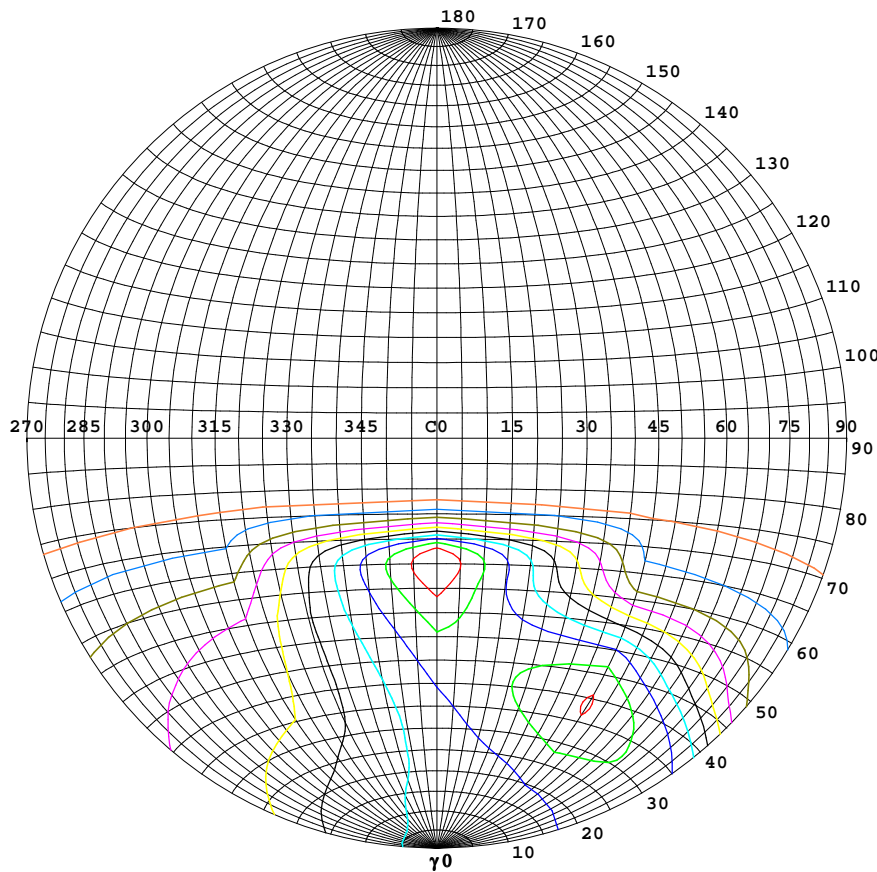
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2021-10-11

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:6.242m [K=1.0000]
Remarks:

Note: SLI:Specific Luminaire Index

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:220.7V I:0.4650A P:99.90W PF:0.9730 Lamp Flux:12852.8x1 lm		
NAME: 隧道灯	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: 100W	SUR.:	PROTECTION ANGLE:



Classification:

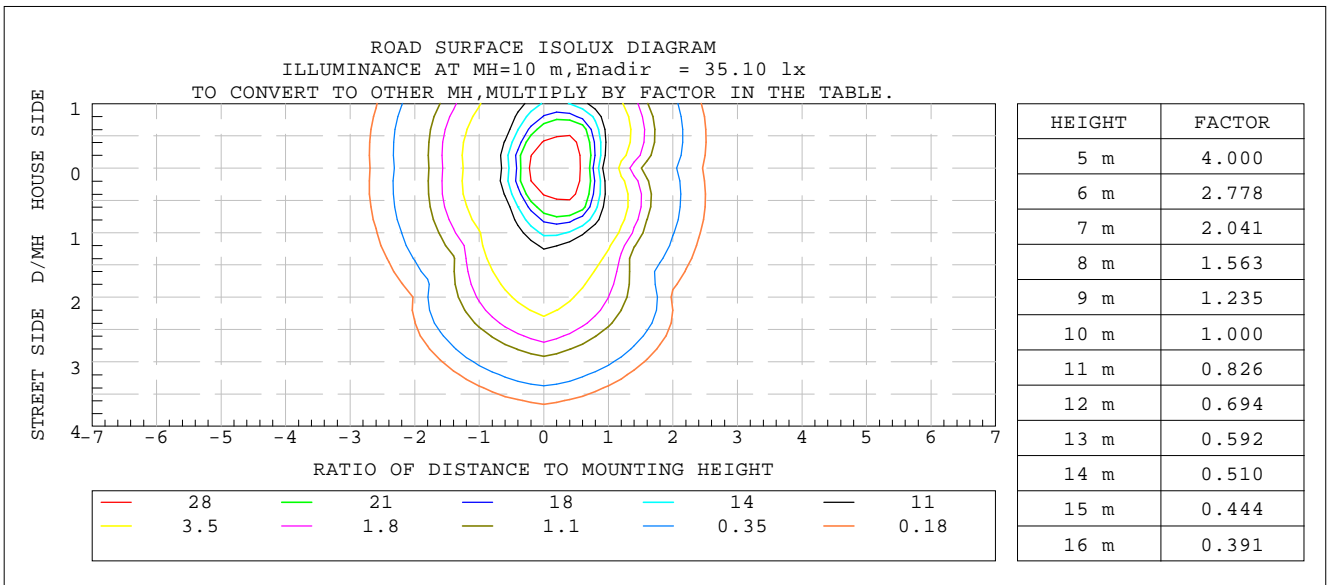
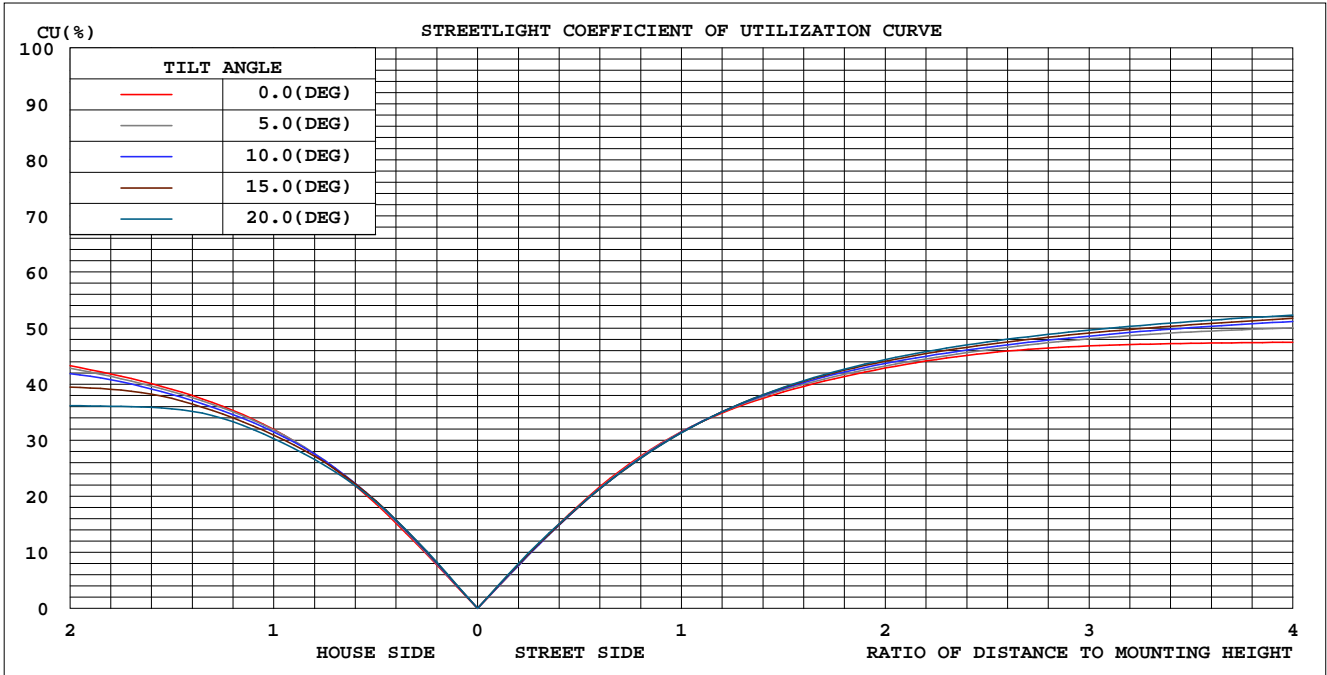
IES:Type IV - Short
 CIE:Broad - Intermediate
 IES:Cut-off
 CIE:Semi-cut-off
 Max.At80:34.68cd/klm
 Max.At90:5.273cd/klm
 Max.80-90:34.68cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	5603
90%	5042
80%	4482
70%	3922
60%	3362
50%	2801
40%	2241
30%	1681
20%	1121
10%	560
5%	280

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2021-10-11

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:6.242m [K=1.0000]
Remarks:

**COEFFICIENT OF UTILIZATION CURVE
AND ISOLUX DIAGRAM**



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2021-10-11

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity: 65.0%
Test Distance: 6.242m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

Test:U:220.7V I:0.4650A P:99.90W PF:0.9730 Lamp Flux:12852.8x1 lm		
NAME: 隧道灯	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: 100W	SUR.:	PROTECTION ANGLE:

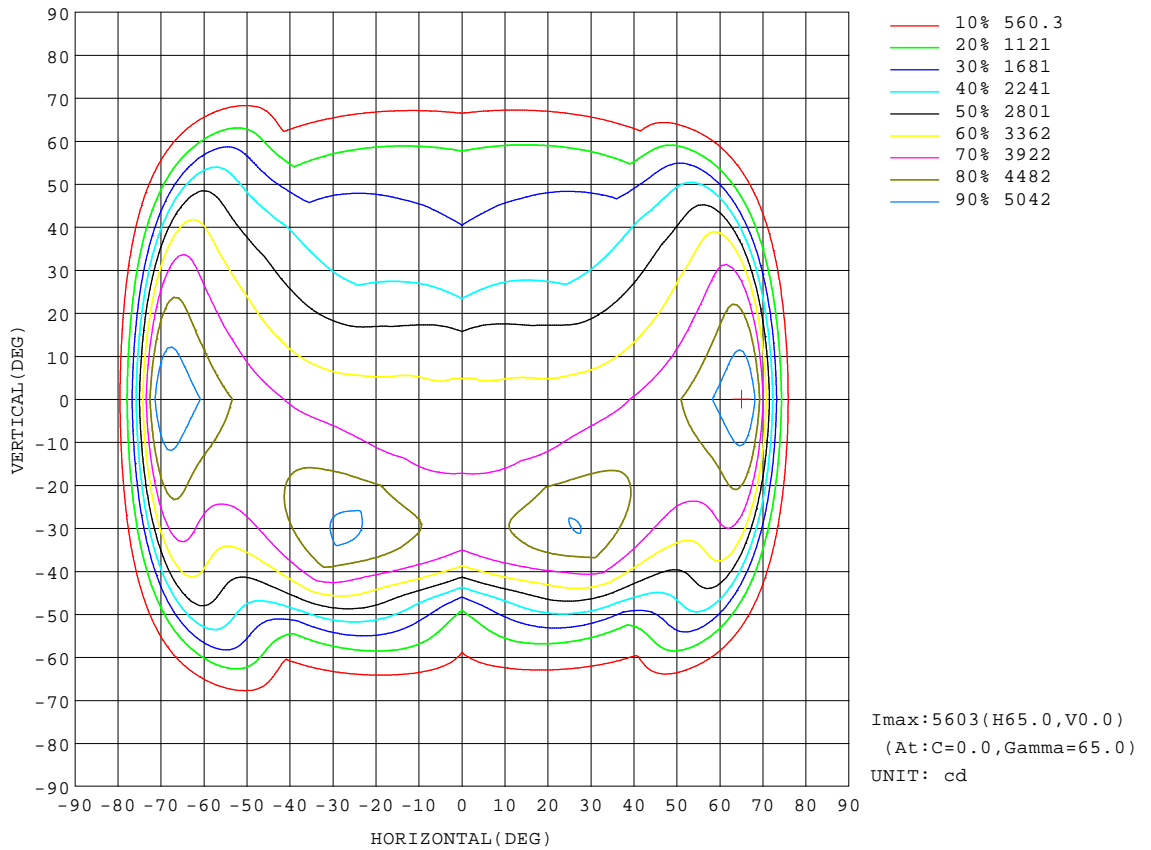
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	3511	3628	3705	3637	3523	3272	3163	3259	0- 10	331.8	331.8	2.58,2.58
20	3532	3931	4069	3964	3563	2934	2490	2956	10- 20	977.1	1309	10.2,10.2
30	3668	4646	4304	4715	3659	2444	1942	2473	20- 30	1598	2907	22.6,22.6
40	3958	5074	3102	5233	3876	2089	1689	2107	30- 40	2176	5083	39.5,39.5
50	4424	3960	1019	4326	4285	1866	1466	1883	40- 50	2442	7525	58.5,58.5
60	5212	1417	526.0	1872	4969	1361	971.7	1412	50- 60	2304	9829	76.5,76.5
70	3981	454.9	290.8	458.4	5429	532.7	406.3	534.4	60- 70	1897	11726	91.2,91.2
80	214.1	137.1	126.6	148.8	445.8	195.3	156.2	178.5	70- 80	771.9	12498	97.2,97.2
90	39.49	36.28	31.68	36.27	67.77	57.11	50.62	54.16	80- 90	114.4	12613	98.1,98.1
100	35.93	31.44	30.17	28.55	38.33	32.68	32.88	33.98	90-100	38.68	12651	98.4,98.4
110	35.45	33.63	31.85	29.88	31.64	34.46	37.65	37.26	100-110	35.00	12686	98.7,98.7
120	37.59	36.15	38.03	31.11	33.18	36.95	40.67	40.66	110-120	35.25	12722	99,99
130	40.00	38.32	36.07	32.23	35.10	34.24	46.96	40.36	120-130	33.55	12755	99.2,99.2
140	45.28	41.39	40.32	35.31	39.79	37.17	42.61	43.56	130-140	29.97	12785	99.5,99.5
150	50.62	45.86	42.08	40.64	45.76	42.53	44.33	45.55	140-150	26.65	12812	99.7,99.7
160	54.68	50.26	47.63	45.99	51.31	48.62	45.73	48.48	150-160	21.62	12833	99.8,99.8
170	56.03	53.77	51.44	50.22	55.01	52.89	49.85	51.34	160-170	14.39	12848	100,100
180	55.96	54.96	52.24	52.32	56.14	54.76	52.41	52.21	170-180	5.079	12853	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2021-10-11

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
 Humidity:65.0%
 Test Distance:6.242m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

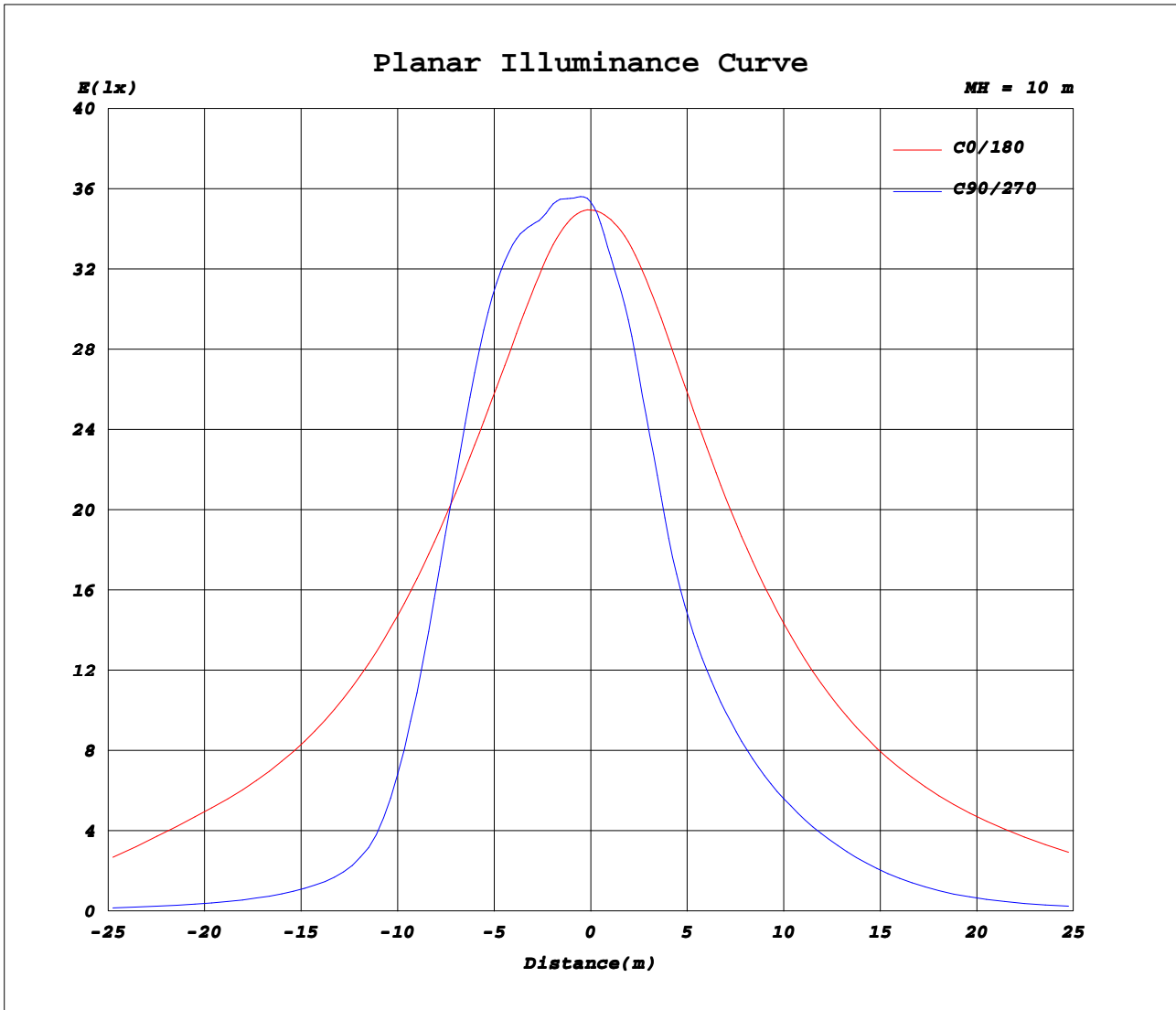
Test:U:220.7V I:0.4650A P:99.90W PF:0.9730 Lamp Flux:12852.8x1 lm		
NAME: 隧道灯	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: 100W	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2021-10-11

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity: 65.0%
Test Distance: 6.242m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2021-10-11

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity: 65.0%
Test Distance: 6.242m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.7V I:0.4650A P:99.90W PF:0.9730 Lamp Flux:12852.8x1 lm		
NAME: 隧道灯	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: 100W	SUR.:	PROTECTION ANGLE:

Table--1

UNIT: cd

C (DEG) \ γ (DEG)	0	45	90	135	180	225	270	315											
0	3495	3523	3535	3516	3495	3523	3535	3516											
5	3503	3579	3596	3567	3499	3386	3351	3394											
10	3511	3628	3705	3637	3523	3272	3163	3259											
15	3513	3774	3819	3784	3542	3159	2851	3157											
20	3532	3931	4069	3964	3563	2934	2490	2956											
25	3581	4236	4285	4295	3597	2719	2148	2736											
30	3668	4646	4304	4715	3659	2444	1942	2473											
35	3791	4982	3929	5074	3745	2245	1804	2253											
40	3958	5074	3102	5233	3876	2089	1689	2107											
45	4166	4680	1935	4935	4059	1979	1588	1991											
50	4424	3960	1019	4326	4285	1866	1466	1883											
55	4763	2711	691	3206	4579	1703	1271	1735											
60	5212	1417	526	1872	4969	1361	972	1412											
65	5603	701	392	846	5420	928	641	970											
70	3981	455	291	458	5429	533	406	534											
75	873	289	184	283	2811	332	231	321											
80	214	137	127	149	446	195	156	179											
85	80.0	76.9	69.3	83.0	160	111	99.5	99.9											
90	39.5	36.3	31.7	36.3	67.8	57.1	50.6	54.2											
95	39.9	31.2	29.7	29.2	39.2	34.7	34.0	34.2											
100	35.9	31.4	30.2	28.6	38.3	32.7	32.9	34.0											
105	34.3	32.4	30.7	28.9	32.6	33.2	35.3	35.3											
110	35.4	33.6	31.8	29.9	31.6	34.5	37.6	37.3											
115	36.6	34.9	35.8	30.4	32.2	36.0	39.4	39.2											
120	37.6	36.1	38.0	31.1	33.2	36.9	40.7	40.7											
125	38.6	37.2	39.1	31.5	34.1	34.0	46.6	38.5											
130	40.0	38.3	36.1	32.2	35.1	34.2	47.0	40.4											
135	42.4	39.6	39.5	33.4	36.9	35.0	38.9	41.2											
140	45.3	41.4	40.3	35.3	39.8	37.2	42.6	43.6											
145	48.1	43.6	39.9	37.9	42.7	39.7	41.9	44.5											
150	50.6	45.9	42.1	40.6	45.8	42.5	44.3	45.5											
155	52.9	48.1	44.9	43.4	48.5	45.6	44.2	46.9											
160	54.7	50.3	47.6	46.0	51.3	48.6	45.7	48.5											
165	55.6	52.2	49.8	48.3	53.5	51.0	47.8	50.0											
170	56.0	53.8	51.4	50.2	55.0	52.9	49.9	51.3											
175	56.1	54.7	52.2	51.5	55.8	54.2	51.5	52.1											
180	56.0	55.0	52.2	52.3	56.1	54.8	52.4	52.2											

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2021-10-11

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity: 65.0%
Test Distance: 6.242m [K=1.0000]
Remarks: