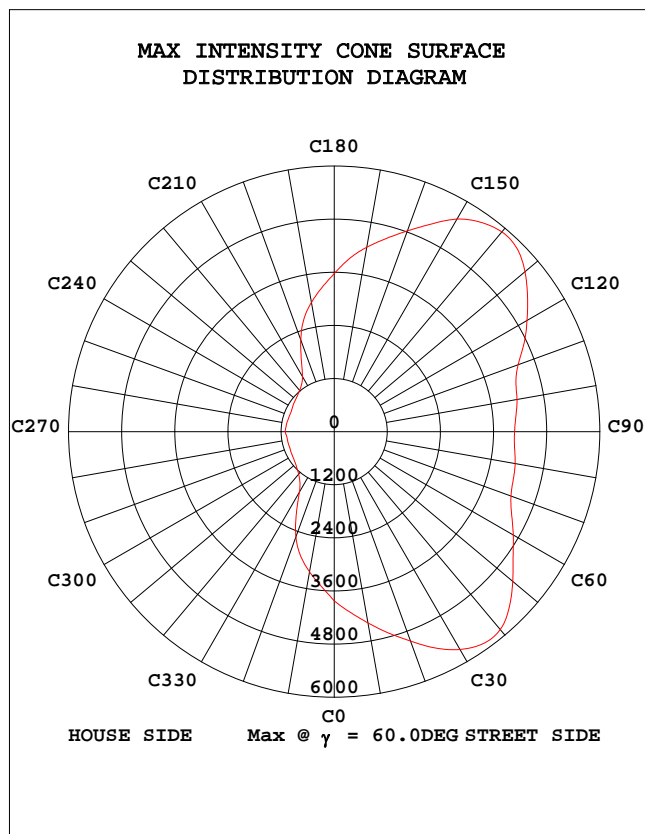
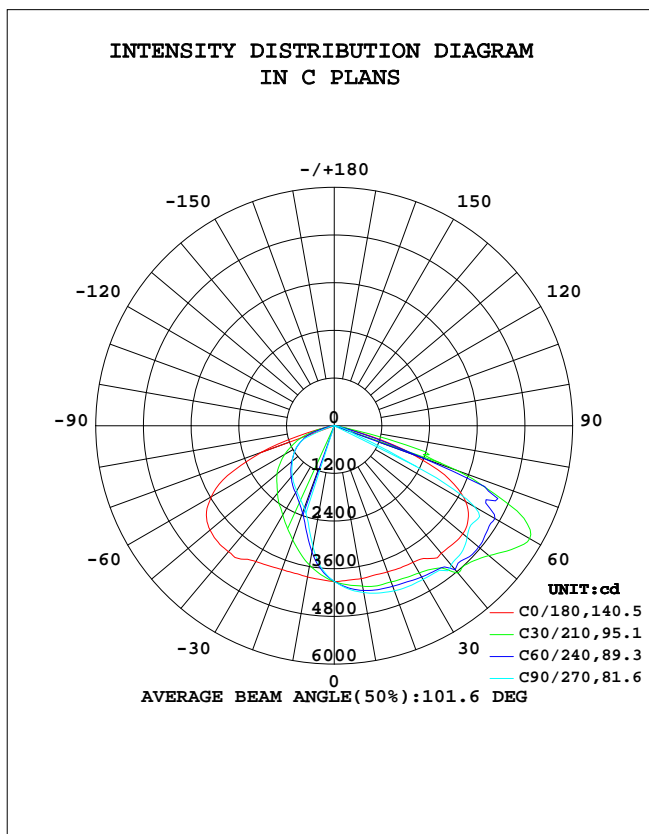


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.93V I:0.4444A P:97.180W PF:0.9943 Freq:50.00Hz Lamp Flux:14147.5x1 lm					
NAME: /		TYPE: /		WEIGHT: /	
SPEC.: /		DIM.: /		SERIAL No.: /	
MFR.: /		SUR.: /		Shielding Angle: /	

DATA OF LAMP		PHOTOMETRIC DATA Eff: 145.58 lm/W			
MODEL	NW-G02-100	I _{max} (cd)	5892	η street_up(%)	0.0
NOMINAL POWER(W)	100	LOR(%)	100.0	η street_down(%)	67.8
RATED VOLTAGE(V)	220-240	TOTAL FLUX(lm)	14148	η house_up(%)	0.0
NOMINAL FLUX(lm)	14147.5	MAXIMUM @ (C, γ)	140,60.0	η house_down(%)	32.2
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.05000
TEST VOLTAGE(V)	220	η down(%)	100.0	SLI	21.007

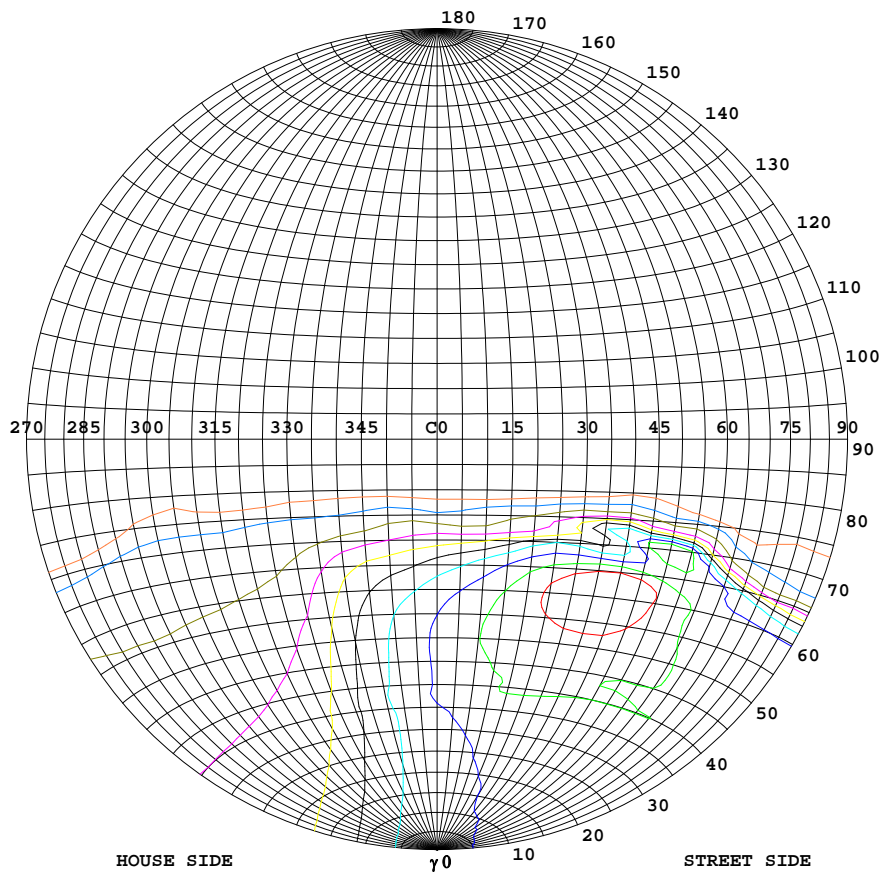


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 26.6DEG
Operators:
Test Date:29 August 2020

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.407.13
Humidity: 37.7%
Test Distance:26.000m [K=1.0000]
Remarks:

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:219.93V I:0.4444A P:97.180W PF:0.9943 Freq:50.00Hz Lamp Flux:14147.5x1 lm		
NAME: /	TYPE: /	WEIGHT: /
SPEC.: /	DIM.: /	SERIAL No.: /
MFR.: /	SUR.: /	Shielding Angle: /



Classification:

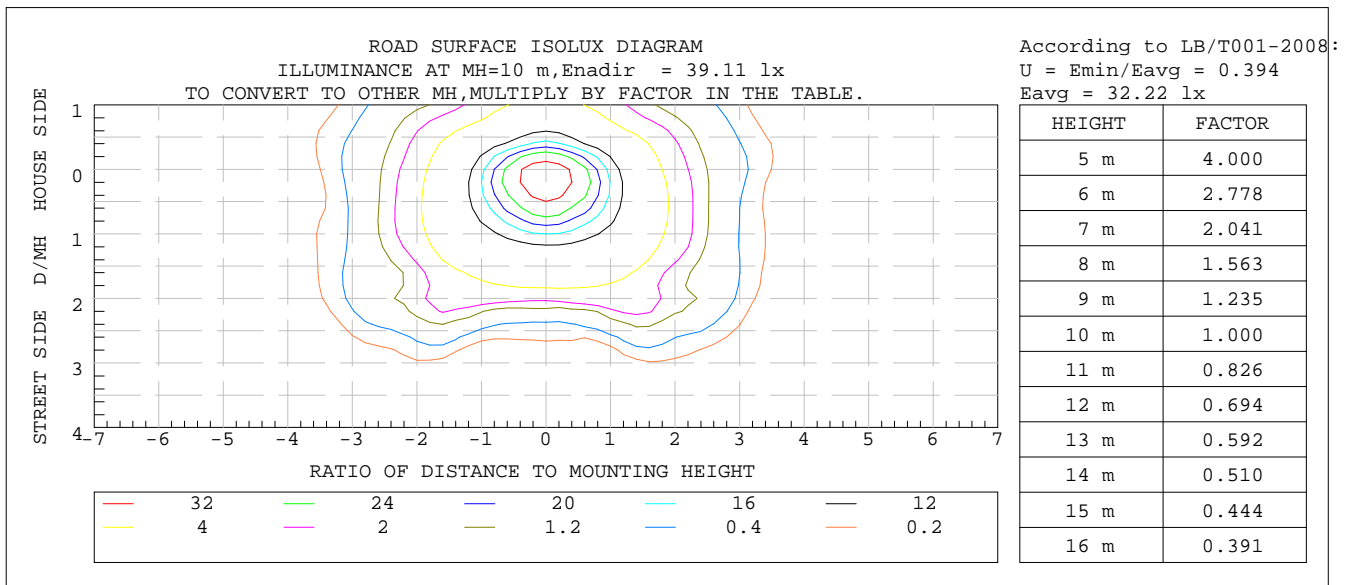
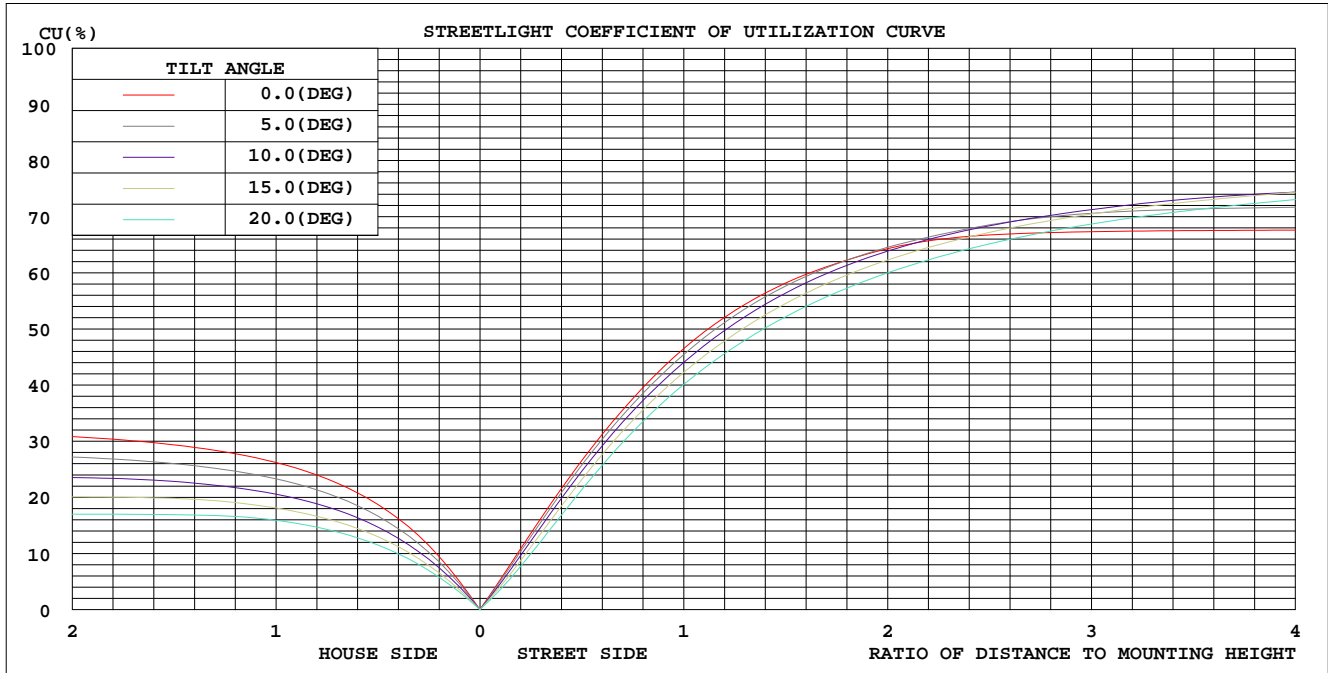
IES:Type III - Short
 CIE:Broad - Intermediate
 IES:Full cut-off
 CIE:Full cut-off
 Max.At80:17.99cd/klm
 Max.At90:0cd/klm
 Max.80-90:17.99cd/klm
 NRB 5101:Limited[6.4%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	5892
90%	5302
80%	4713
70%	4124
60%	3535
50%	2946
40%	2357
30%	1767
20%	1178
10%	589
5%	295

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature: 26.6DEG
 Operators:
 Test Date:29 August 2020

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.407.13
 Humidity: 37.7%
 Test Distance:26.000m [K=1.0000]
 Remarks:

COEFFICIENT OF UTILIZATION CURVE AND ISOLUX DIAGRAM



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 26.6DEG
Operators:
Test Date: 29 August 2020

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.407.13
Humidity: 37.7%
Test Distance: 26.000m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

Test:U:219.93V I:0.4444A P:97.180W PF:0.9943 Freq:50.00Hz Lamp Flux:14147.5x1 lm		
NAME: /	TYPE: /	WEIGHT: /
SPEC.: /	DIM.: /	SERIAL No.: /
MFR.:	SUR.: /	Shielding Angle: /

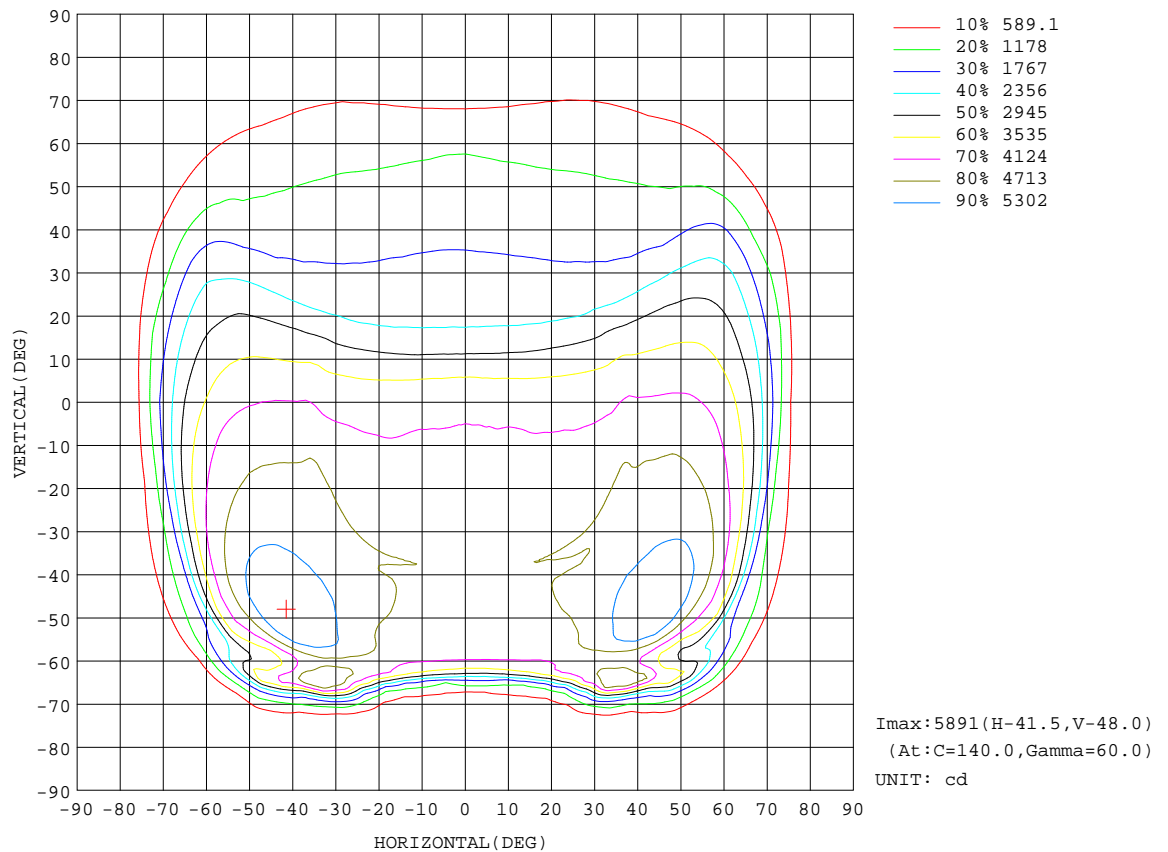
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum, lamp
10	3907	4158	4261	4153	3866	3376	3092	3405	0- 10	366.8	366.8	2.59,2.59
20	3914	4298	4419	4299	3850	2589	2210	2659	10- 20	1029	1395	9.86,9.86
30	3968	4278	4464	4346	3947	2105	1892	2140	20- 30	1598	2994	21.2,21.2
40	4189	4717	4574	4944	4141	1812	1642	1830	30- 40	2152	5146	36.4,36.4
50	4224	5001	4365	5223	4084	1523	1379	1530	40- 50	2660	7806	55.2,55.2
60	3822	5595	4074	5843	3572	1171	1109	1187	50- 60	3002	10807	76.4,76.4
70	2098	4676	432.3	4091	1940	718.7	407.0	734.9	60- 70	2538	13346	94.3,94.3
80	152.5	229.2	101.8	190.4	151.5	82.31	58.80	63.73	70- 80	765.5	14111	99.7,99.7
90	0	0	0	0	0	0	0	0	80- 90	36.54	14148	100,100
100	0	0	0	0	0	0	0	0	90-100	0	14148	100,100
110	0	0	0	0	0	0	0	0	100-110	0	14148	100,100
120	0	0	0	0	0	0	0	0	110-120	0	14148	100,100
130	0	0	0	0	0	0	0	0	120-130	0	14148	100,100
140	0	0	0	0	0	0	0	0	130-140	0	14148	100,100
150	0	0	0	0	0	0	0	0	140-150	0	14148	100,100
160	0	0	0	0	0	0	0	0	150-160	0	14148	100,100
170	0	0	0	0	0	0	0	0	160-170	0	14148	100,100
180	0	0	0	0	0	0	0	0	170-180	0	14148	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 26.6DEG
Operators:
Test Date:29 August 2020

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.407.13
Humidity: 37.7%
Test Distance:26.000m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

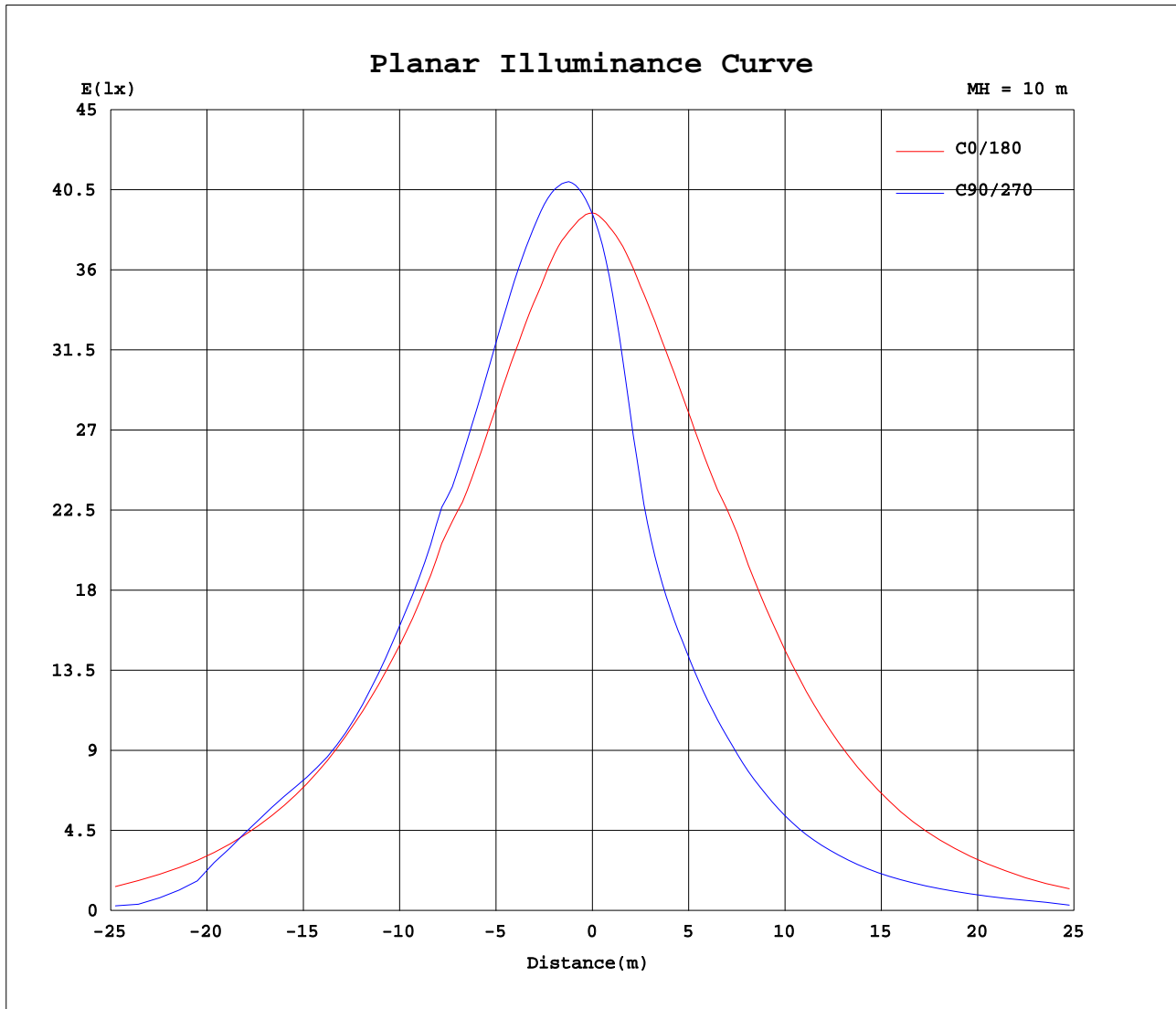
Test:U:219.93V I:0.4444A P:97.180W PF:0.9943 Freq:50.00Hz Lamp Flux:14147.5x1 lm		
NAME: /	TYPE: /	WEIGHT: /
SPEC.: /	DIM.: /	SERIAL No.: /
MFR.: /	SUR.: /	Shielding Angle: /



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 26.6DEG
Operators:
Test Date:29 August 2020

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.407.13
Humidity: 37.7%
Test Distance:26.000m [K=1.0000]
Remarks:

Planar Illuminance Curve



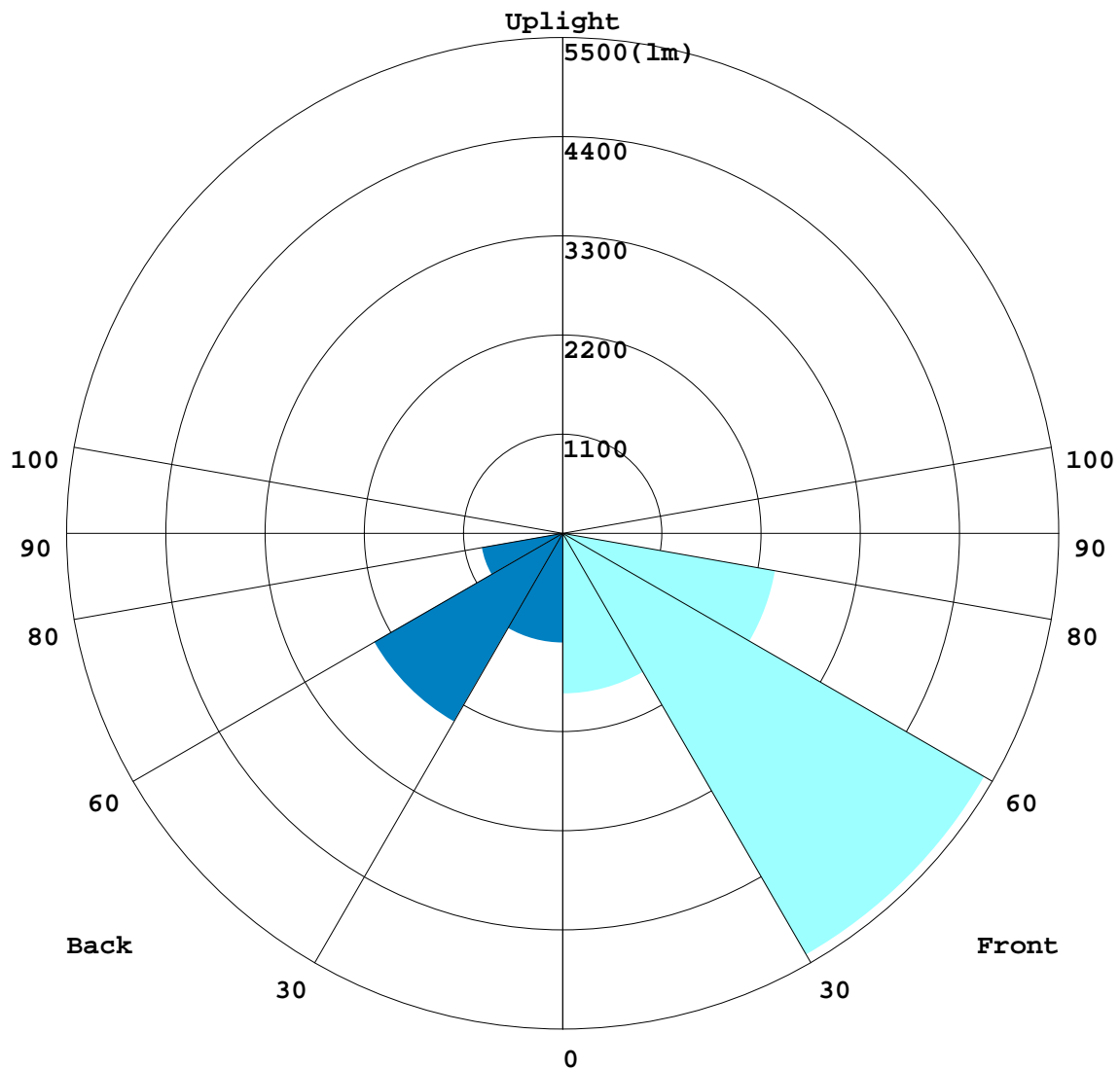
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature: 26.6DEG
 Operators:
 Test Date: 29 August 2020

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.407.13
 Humidity: 37.7%
 Test Distance: 26.000m [K=1.0000]
 Remarks:

LCS REPORT

Test:U:219.93V I:0.4444A P:97.180W PF:0.9943 Freq:50.00Hz Lamp Flux:14147.5x1 lm		
NAME: /	TYPE: /	WEIGHT: /
SPEC.: /	DIM.: /	SERIAL No.: /
MFR.:	SUR.: /	Shielding Angle: /

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature: 26.6DEG
 Operators:
 Test Date: 29 August 2020

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.407.13
 Humidity: 37.7%
 Test Distance: 26.000m [K=1.0000]
 Remarks:

BUG REPORT

Test:U:219.93V I:0.4444A P:97.180W PF:0.9943 Freq:50.00Hz Lamp Flux:14147.5x1 lm		
NAME: /	TYPE: /	WEIGHT: /
SPEC.: /	DIM.: /	SERIAL No.: /
MFR.: /	SUR.: /	Shielding Angle: /

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	1779.4	12.6
FM - Front-Medium(30-60)	5400.4	38.2
FH - Front-High(60-80)	2393.1	16.9
FVH - Front-Very High(80-90)	21.029	0.1
Total Forward Light	9593.9	67.8

BL - Back-Low(0-30)	1214.1	8.6
BM - Back-Medium(30-60)	2413.2	17.1
BH - Back-High(60-80)	910.73	6.4
BVH - Back-Very High(80-90)	15.515	0.1
Total Back Light	4553.6	32.2

UL - Uplight-Low(90-100)	0	0.0
UH - Uplight-High(100-180)	0	0.0
Total Up Light	0	0.0

BUG(Back,Up,Glare) Rating	B3-U0-G2
---------------------------	----------

Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	4553.6	0	4553.6
Street Side	9593.9	0	9593.9

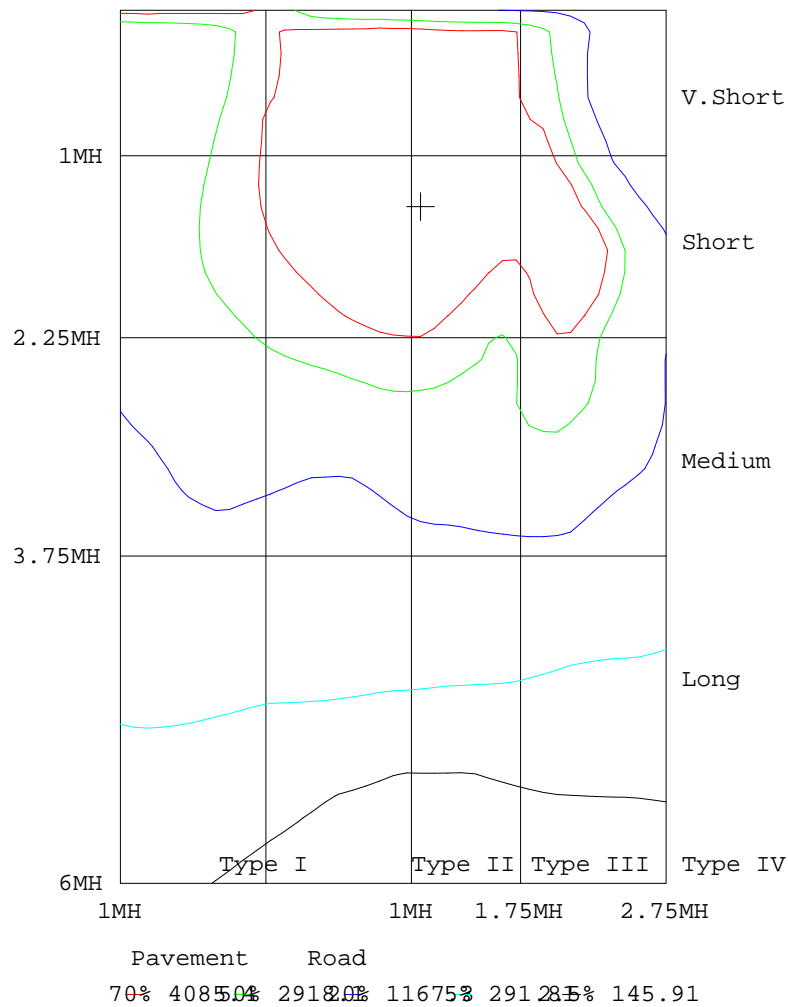
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 26.6DEG
Operators:
Test Date:29 August 2020

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.407.13
Humidity: 37.7%
Test Distance:26.000m [K=1.0000]
Remarks:

ROAD ISOCANDELA REPORT

Test:U:219.93V I:0.4444A P:97.180W PF:0.9943 Freq:50.00Hz Lamp Flux:14147.5x1 lm		
NAME: /	TYPE: /	WEIGHT: /
SPEC.: /	DIM.: /	SERIAL No.: /
MFR.: /	SUR.: /	Shielding Angle: /

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 26.6DEG
Operators:
Test Date: 29 August 2020

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.407.13
Humidity: 37.7%
Test Distance: 26.000m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.93V I:0.4444A P:97.180W PF:0.9943 Freq:50.00Hz Lamp Flux:14147.5x1 lm																	
NAME: /									TYPE: /						WEIGHT: /		
SPEC.: /									DIM.: /						SERIAL No.: /		
MFR.: /									SUR.: /						Shielding Angle: /		

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	3920	3917	3915	3919	3917	3918	3922	3921	3917	3921	3918	3915	3916	3914	3915	3912	3916	3915	3915
5	3903	3923	3942	3963	3985	4001	4020	4032	4046	4066	4070	4084	4095	4101	4105	4107	4121	4121	4123
10	3907	3942	3967	4013	4053	4073	4101	4117	4128	4158	4167	4191	4208	4221	4232	4251	4255	4269	4261
15	3891	3939	3984	4046	4091	4124	4172	4200	4225	4241	4242	4257	4269	4291	4316	4333	4348	4365	4359
20	3914	3970	4023	4085	4126	4151	4182	4206	4252	4298	4317	4313	4300	4315	4345	4385	4413	4429	4419
25	3946	4007	4067	4136	4177	4209	4224	4239	4240	4275	4340	4369	4336	4338	4361	4409	4449	4460	4455
30	3968	4066	4144	4216	4243	4261	4278	4278	4275	4278	4302	4390	4395	4375	4390	4432	4462	4472	4464
35	4081	4211	4294	4365	4396	4397	4393	4380	4360	4365	4365	4380	4448	4453	4447	4470	4487	4490	4489
40	4189	4370	4525	4672	4761	4807	4840	4808	4753	4717	4734	4735	4735	4721	4655	4612	4591	4566	4574
45	4216	4432	4602	4748	4817	4846	4855	4820	4796	4756	4715	4719	4712	4648	4594	4588	4577	4519	4526
50	4224	4480	4701	4850	4961	5033	5085	5114	5089	5001	4921	4817	4745	4635	4485	4427	4384	4348	4365
55	4114	4398	4631	4869	5073	5270	5435	5515	5507	5332	5111	4868	4676	4526	4377	4266	4254	4251	4265
60	3822	4092	4385	4704	5034	5391	5681	5850	5835	5595	5263	4932	4670	4422	4248	4187	4150	4088	4074
65	3203	3484	3800	4168	4526	4854	5076	5263	5266	4912	4479	4320	4475	4135	3256	2181	1445	1600	1526
70	2098	2168	2302	2649	3149	3530	3297	2836	3290	4676	5245	4884	2353	1051	551	446	434	425	432
75	658	669	818	1054	1198	1495	1874	2176	1993	1379	921	824	419	247	214	245	245	227	221
80	152	114	106	119	152	177	209	217	255	229	168	127	119	114	104	128	106	103	102
85	15.1	15.3	16.7	19.4	22.1	25.9	30.6	34.7	37.7	36.0	30.0	28.8	30.6	26.1	20.8	26.7	21.0	16.0	15.7
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

C Range: 0 - 360DEG

C Interval: 5.0DEG

Test Speed: MEDIUM

Temperature: 26.6DEG

Operators:

Test Date:29 August 2020

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.407.13

Humidity: 37.7%

Test Distance:26.000m [K=1.0000]

Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.93V I:0.4444A P:97.180W PF:0.9943 Freq:50.00Hz Lamp Flux:14147.5x1 lm																	
NAME: /									TYPE: /						WEIGHT: /		
SPEC.: /									DIM.: /						SERIAL No.: /		
MFR.: /									SUR.: /						Shielding Angle: /		

Table--2

UNIT: cd

C(DEG) γ (DEG)	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185
0	3918	3918	3912	3910	3911	3916	3908	3911	3904	3910	3908	3909	3912	3909	3907	3907	3905	3920	3917
5	4120	4111	4115	4102	4094	4081	4072	4054	4043	4032	4014	4004	3979	3967	3945	3923	3905	3886	3872
10	4256	4250	4252	4230	4216	4203	4188	4163	4153	4136	4107	4089	4058	4024	3991	3955	3911	3866	3832
15	4350	4340	4333	4308	4301	4295	4276	4272	4254	4223	4181	4148	4092	4049	4008	3967	3898	3844	3774
20	4413	4399	4381	4353	4357	4357	4361	4342	4299	4246	4207	4181	4134	4100	4053	3999	3921	3850	3754
25	4446	4437	4405	4388	4399	4411	4398	4347	4291	4284	4261	4259	4218	4184	4128	4071	3969	3890	3754
30	4474	4454	4430	4430	4454	4436	4368	4345	4346	4359	4362	4370	4338	4307	4259	4172	4049	3947	3777
35	4507	4491	4485	4492	4488	4445	4416	4439	4464	4500	4532	4562	4546	4538	4481	4393	4245	4097	3891
40	4600	4626	4660	4692	4732	4783	4859	4926	4944	4963	4951	4932	4869	4784	4661	4499	4308	4141	3876
45	4568	4609	4624	4665	4743	4763	4784	4868	4930	4972	4994	4994	4931	4855	4731	4546	4342	4137	3851
50	4410	4459	4511	4642	4792	4870	4998	5115	5223	5264	5242	5185	5057	4937	4773	4594	4358	4084	3788
55	4302	4305	4406	4542	4703	4908	5158	5412	5587	5646	5579	5426	5191	4962	4730	4503	4251	3931	3613
60	4119	4192	4249	4419	4731	5029	5329	5624	5843	5892	5773	5547	5175	4828	4517	4230	3924	3572	3265
65	1207	1679	2602	3717	4561	4705	4581	4707	4955	5057	4967	4854	4623	4270	3912	3569	3260	2964	2658
70	422	433	407	729	1548	3628	4985	5042	4091	3077	2986	3094	2790	2483	2142	1972	1965	1940	1767
75	241	238	202	220	279	383	750	962	1270	1510	1392	1327	1030	955	842	707	606	710	851
80	101	130	105	109	115	125	130	180	190	184	162	133	122	93.5	78.3	74.7	88.9	151	167
85	18.9	30.3	20.7	22.6	28.5	30.0	28.0	30.2	34.1	30.5	29.8	24.7	21.7	18.6	16.3	15.1	14.9	16.9	18.7
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

C Range: 0 - 360DEG

C Interval: 5.0DEG

Test Speed: MEDIUM

Temperature: 26.6DEG

Operators:

Test Date:29 August 2020

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.407.13

Humidity: 37.7%

Test Distance:26.000m [K=1.0000]

Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.93V I:0.4444A P:97.180W PF:0.9943 Freq:50.00Hz Lamp Flux:14147.5x1 lm																	
NAME: /									TYPE: /						WEIGHT: /		
SPEC.: /									DIM.: /						SERIAL No.: /		
MFR.: /									SUR.: /						Shielding Angle: /		

Table--3

UNIT: cd

C(DEG) γ (DEG)	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
0	3915	3919	3917	3918	3922	3921	3917	3921	3918	3915	3916	3914	3915	3912	3916	3915	3915	3918	3918
5	3844	3833	3809	3782	3768	3744	3722	3694	3680	3662	3650	3638	3623	3615	3612	3600	3607	3606	3614
10	3777	3737	3678	3625	3563	3510	3447	3376	3328	3272	3229	3189	3148	3122	3107	3089	3092	3098	3105
15	3696	3618	3527	3416	3318	3201	3083	2973	2885	2801	2728	2672	2619	2570	2551	2538	2533	2542	2559
20	3631	3518	3378	3214	3056	2886	2734	2589	2489	2403	2339	2298	2263	2242	2231	2220	2210	2223	2230
25	3592	3436	3235	3025	2815	2605	2430	2302	2221	2159	2110	2081	2060	2046	2050	2048	2038	2040	2042
30	3584	3372	3128	2850	2593	2361	2203	2105	2035	1983	1949	1941	1921	1910	1906	1907	1892	1892	1892
35	3654	3406	3083	2735	2417	2189	2050	1951	1886	1851	1828	1805	1793	1785	1784	1778	1774	1768	1770
40	3607	3320	2966	2558	2224	2017	1892	1812	1752	1715	1686	1669	1657	1653	1651	1645	1642	1641	1641
45	3546	3237	2847	2403	2042	1863	1752	1672	1623	1576	1543	1522	1509	1502	1509	1507	1508	1501	1498
50	3472	3133	2701	2229	1879	1704	1592	1523	1476	1436	1396	1373	1363	1353	1359	1370	1379	1365	1352
55	3297	2964	2511	2017	1671	1516	1413	1341	1303	1285	1245	1225	1219	1219	1223	1243	1249	1231	1212
60	2967	2645	2216	1755	1438	1295	1217	1171	1139	1117	1093	1075	1075	1080	1092	1099	1109	1084	1075
65	2438	2211	1826	1429	1166	1051	991	958	943	934	912	903	906	926	928	917	911	915	921
70	1561	1396	1163	982	883	795	740	719	719	717	705	691	613	461	410	404	407	402	425
75	717	598	546	527	511	476	421	436	460	436	345	260	153	144	141	134	129	136	141
80	166	175	178	116	78.6	63.6	73.3	82.3	156	155	118	82.9	72.6	65.6	63.0	59.4	58.8	61.7	64.3
85	20.5	20.9	17.6	15.3	14.7	12.6	12.2	11.3	11.2	11.6	12.7	15.9	13.3	8.85	8.18	7.73	7.59	7.93	8.33
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

C Range: 0 - 360DEG

C Interval: 5.0DEG

Test Speed: MEDIUM

Temperature: 26.6DEG

Operators:

Test Date:29 August 2020

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.407.13

Humidity: 37.7%

Test Distance:26.000m [K=1.0000]

Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.93V I:0.4444A P:97.180W PF:0.9943 Freq:50.00Hz Lamp Flux:14147.5x1 lm																	
NAME: /									TYPE: /						WEIGHT: /		
SPEC.: /									DIM.: /						SERIAL No.: /		
MFR.: /									SUR.: /						Shielding Angle: /		

Table--4

UNIT: cd

C(DEG) γ (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	3912	3910	3911	3916	3908	3911	3904	3910	3908	3909	3912	3909	3907	3907	3905				
5	3617	3629	3639	3649	3657	3683	3695	3715	3737	3759	3780	3806	3821	3845	3866				
10	3131	3158	3196	3234	3282	3351	3405	3456	3515	3573	3626	3682	3737	3783	3828				
15	2603	2643	2700	2758	2831	2930	3033	3135	3247	3361	3461	3551	3642	3724	3788				
20	2254	2282	2322	2370	2438	2539	2659	2804	2961	3133	3288	3438	3566	3691	3785				
25	2046	2064	2090	2129	2182	2261	2358	2512	2702	2912	3114	3319	3495	3662	3789				
30	1902	1915	1938	1954	1994	2058	2140	2264	2458	2707	2965	3219	3445	3650	3808				
35	1774	1783	1802	1821	1852	1901	1968	2076	2247	2527	2852	3172	3458	3708	3887				
40	1646	1649	1661	1685	1712	1760	1830	1919	2070	2354	2743	3124	3447	3714	3932				
45	1498	1506	1520	1547	1573	1625	1679	1762	1898	2164	2596	3039	3392	3674	3931				
50	1357	1360	1375	1394	1442	1482	1530	1619	1747	1997	2454	2937	3327	3645	3940				
55	1214	1211	1224	1249	1281	1309	1362	1449	1569	1799	2275	2785	3201	3526	3835				
60	1073	1069	1081	1093	1111	1140	1187	1253	1361	1575	2026	2535	2919	3217	3496				
65	907	905	907	922	935	950	975	1029	1122	1319	1697	2160	2480	2661	2904				
70	551	669	694	709	716	726	735	776	862	977	1134	1372	1591	1777	1934				
75	144	203	334	423	467	470	456	497	527	554	566	609	697	890	873				
80	67.2	78.3	105	155	159	117	63.7	66.3	75.1	107	194	202	193	194	195				
85	10.6	15.3	15.9	11.5	11.7	11.4	12.8	12.9	13.8	15.2	16.1	17.9	20.9	22.3	18.5				
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
115	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
125	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
155	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
175	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				

C Range: 0 - 360DEG

C Interval: 5.0DEG

Test Speed: MEDIUM

Temperature: 26.6DEG

Operators:

Test Date:29 August 2020

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.407.13

Humidity: 37.7%

Test Distance:26.000m [K=1.0000]

Remarks: