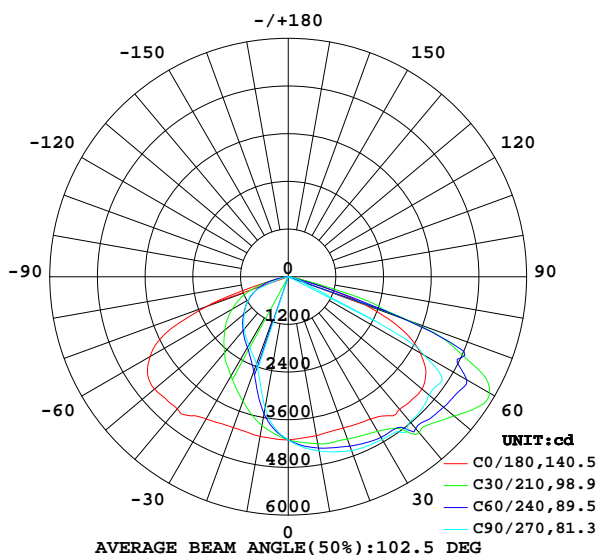
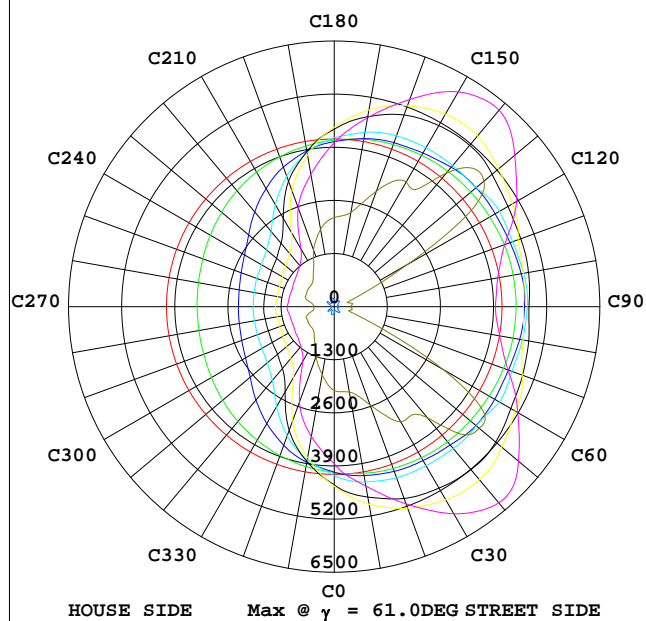


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:220.03V I:0.4468A P:97.730W PF:0.9941 Freq:50.00Hz Lamp Flux:14844.8x1 lm		
NAME: LED STREET LIGHT	TYPE:LED	WEIGHT:/
SPEC.:/	DIM.: /	SERIAL No.:/
MFR.:	SUR.:/	Shielding Angle:/

DATA OF LAMP		PHOTOMETRIC DATA Eff: 151.90 lm/W			
MODEL	NW-G03-100	Imax(cd)	6287	η street_up(%)	0.0
NOMINAL POWER(W)	100	LOR(%)	100.0	η street_down(%)	67.4
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	14845	η house_up(%)	0.0
NOMINAL FLUX(lm)	14844.8	MAXIMUM @(C, γ)	140,61.0	η house_down(%)	32.6
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	
TEST VOLTAGE(V)	220	η down(%)	100.0	SLI	

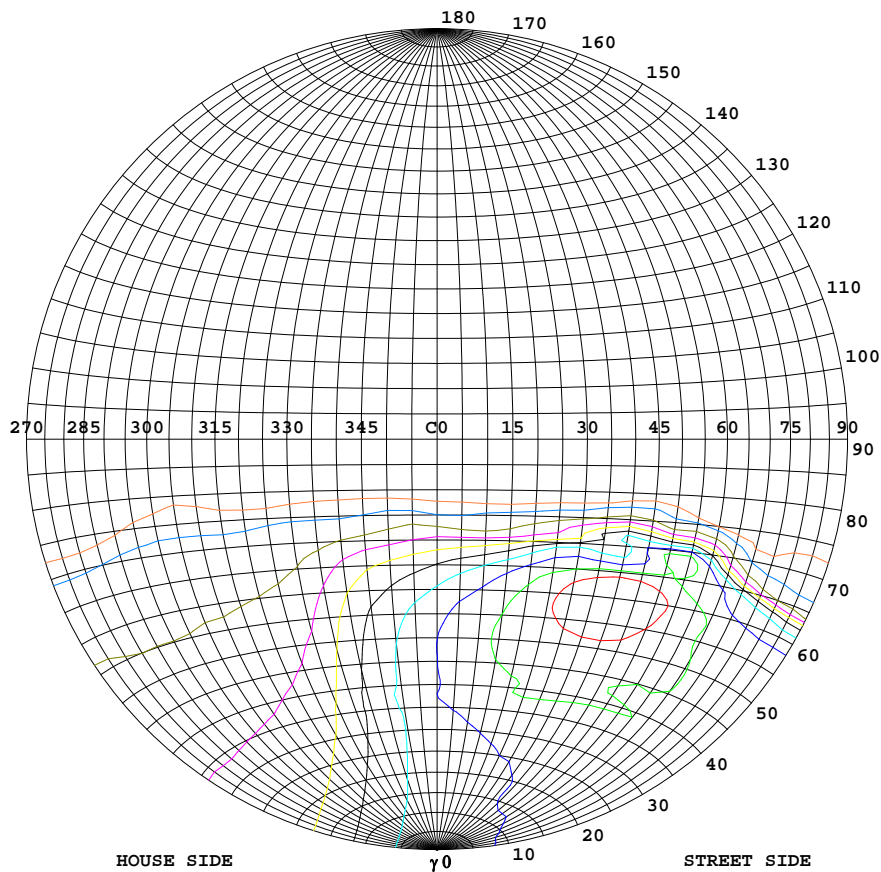
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 26.6DEG
Operators:
Test Date:2019-07-22

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.407.13
Humidity: 56.4%
Test Distance:26.000m [K=1.0000]
Remarks:

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:220.03V I:0.4468A P:97.730W PF:0.9941 Freq:50.00Hz Lamp Flux:14844.8x1 lm		
NAME: LED STREET LIGHT	TYPE:LED	WEIGHT:/
SPEC.:/	DIM.: /	SERIAL No.:/
MFR.:	SUR.:/	Shielding Angle:/



Classification:

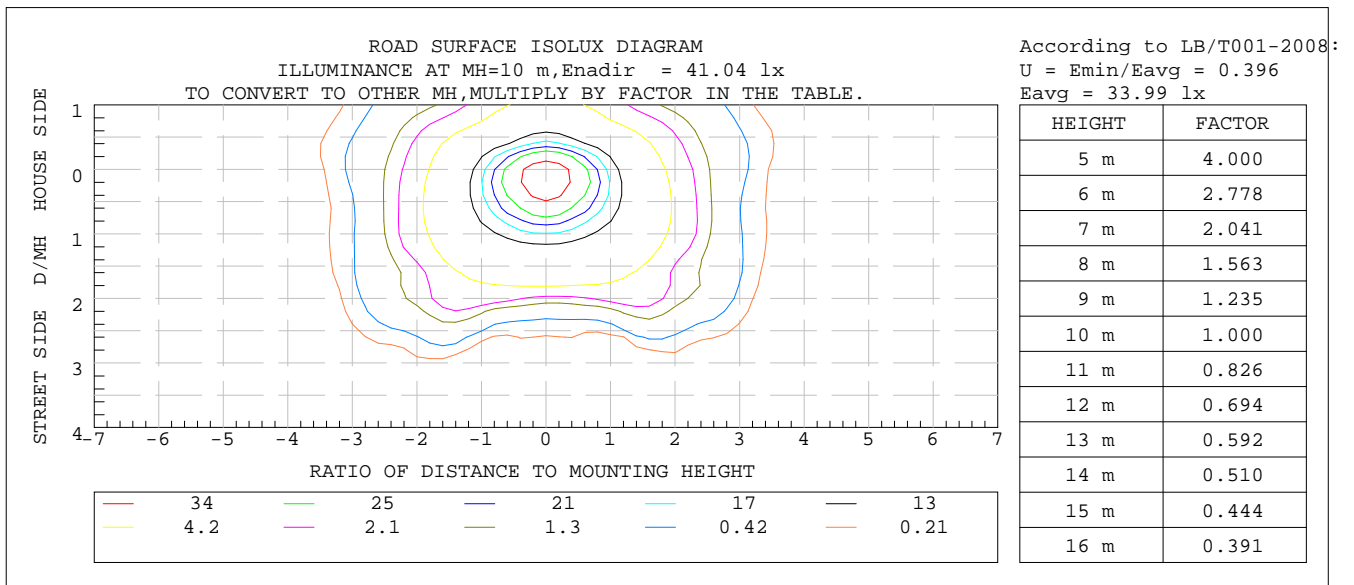
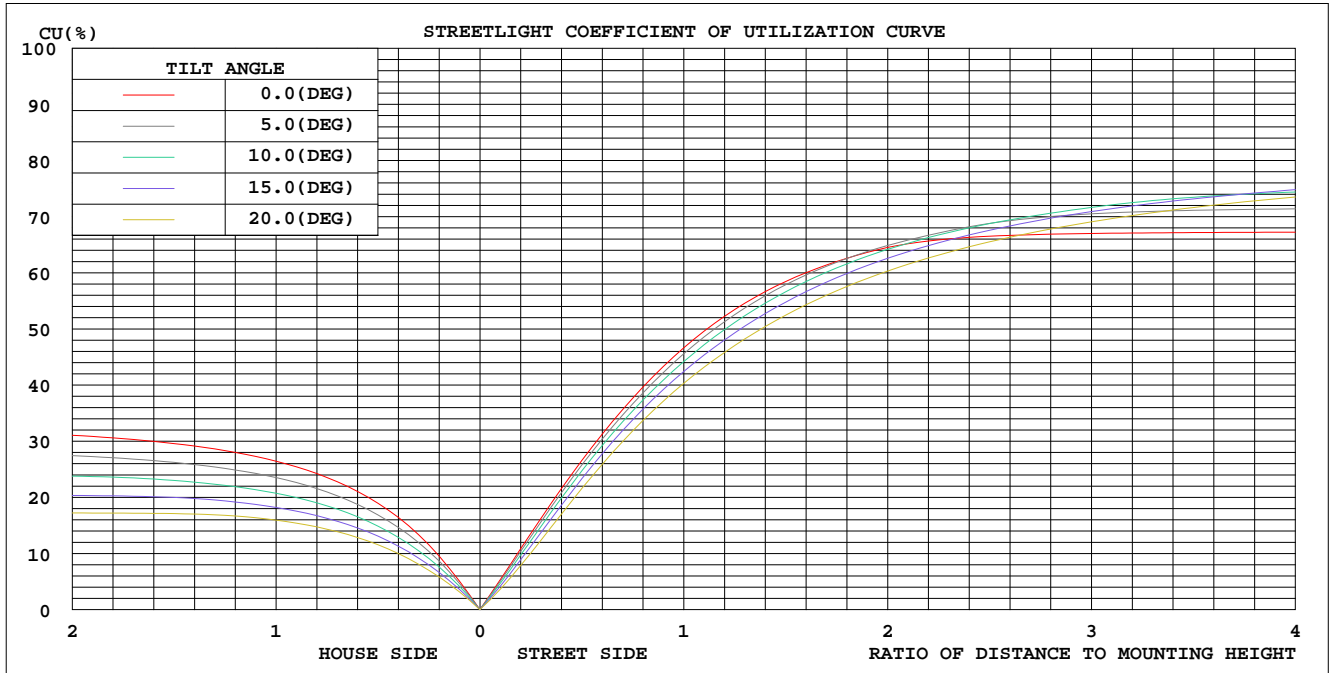
IES:Type III - Short
 CIE:Broad - Intermediate
 IES:Full cut-off
 CIE:Full cut-off
 Max.At80:15.47cd/klm
 Max.At90:0cd/klm
 Max.80-90:15.47cd/klm
 NRB 5101:Limited[4.8%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	6287
90%	5658
80%	5029
70%	4401
60%	3772
50%	3143
40%	2515
30%	1886
20%	1257
10%	629
5%	314

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature: 26.6DEG
 Operators:
 Test Date:2019-07-22

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.407.13
 Humidity: 56.4%
 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: 2019-07-22

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.407.13
Humidity: 56.4%
Test Distance: 26.000m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

Test:U:220.03V I:0.4468A P:97.730W PF:0.9941 Freq:50.00Hz Lamp Flux:14844.8x1 lm		
NAME: LED STREET LIGHT	TYPE:LED	WEIGHT:/
SPEC.:/	DIM.: /	SERIAL No.:/
MFR.:	SUR.:/	Shielding Angle:/

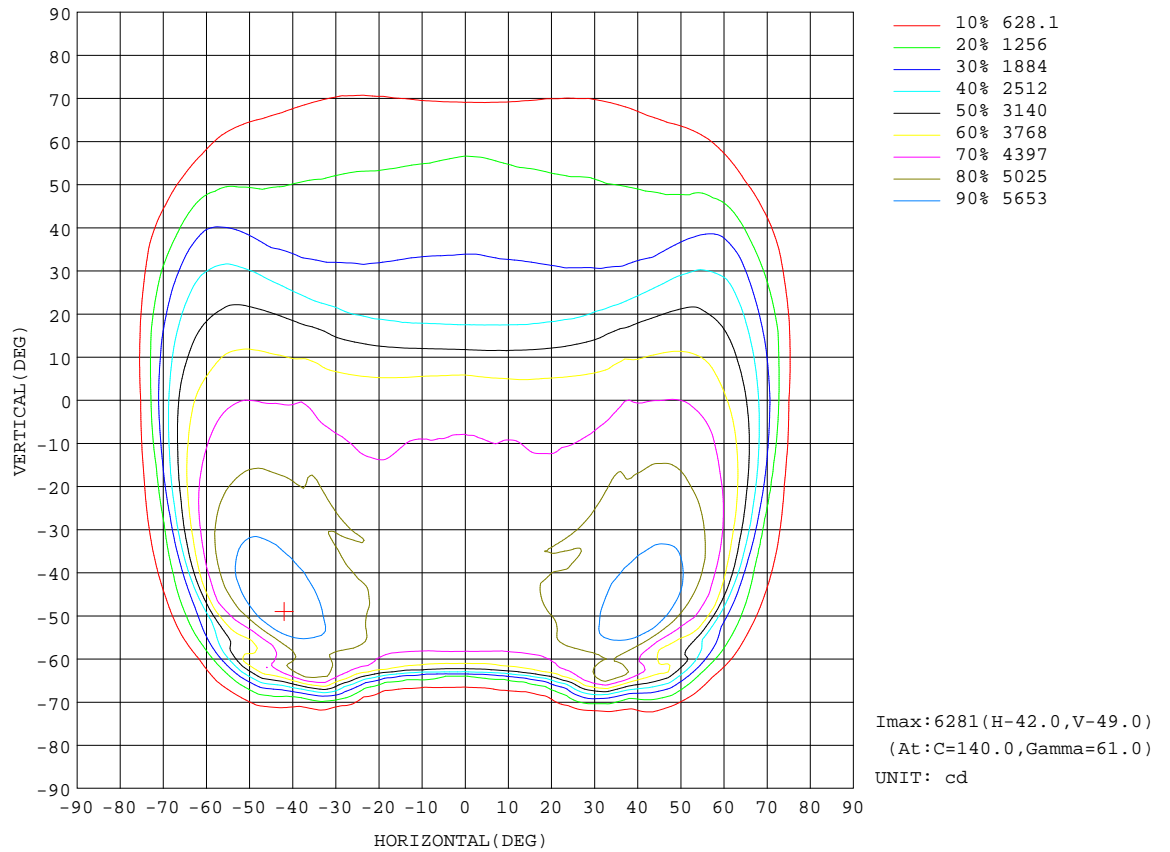
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum,lamp
10	4060	4330	4451	4347	4080	3655	3357	3618	0- 10	386.1	386.1	2.6,2.6
20	4052	4481	4654	4513	4041	2880	2345	2828	10- 20	1086	1472	9.91,9.91
30	4137	4557	4728	4515	4136	2270	1985	2230	20- 30	1682	3154	21.2,21.2
40	4358	5212	4766	5133	4344	1926	1726	1886	30- 40	2267	5421	36.5,36.5
50	4392	5482	4631	5366	4392	1616	1443	1576	40- 50	2800	8221	55.4,55.4
60	3840	6198	3946	6092	4015	1251	1153	1213	50- 60	3184	11405	76.8,76.8
70	2048	4424	409.8	4793	2183	782.3	500.3	756.9	60- 70	2644	14049	94.6,94.6
80	144.6	193.1	87.59	180.2	144.1	97.59	70.10	93.44	70- 80	758.6	14808	99.8,99.8
90	0	0	0	0	0	0	0	0	80- 90	37.03	14845	100,100
100	0	0	0	0	0	0	0	0	90-100	0	14845	100,100
110	0	0	0	0	0	0	0	0	100-110	0	14845	100,100
120	0	0	0	0	0	0	0	0	110-120	0	14845	100,100
130	0	0	0	0	0	0	0	0	120-130	0	14845	100,100
140	0	0	0	0	0	0	0	0	130-140	0	14845	100,100
150	0	0	0	0	0	0	0	0	140-150	0	14845	100,100
160	0	0	0	0	0	0	0	0	150-160	0	14845	100,100
170	0	0	0	0	0	0	0	0	160-170	0	14845	100,100
180	0	0	0	0	0	0	0	0	170-180	0	14845	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:2019-07-22

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.407.13
Humidity: 56.4%
Test Distance:26.000m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

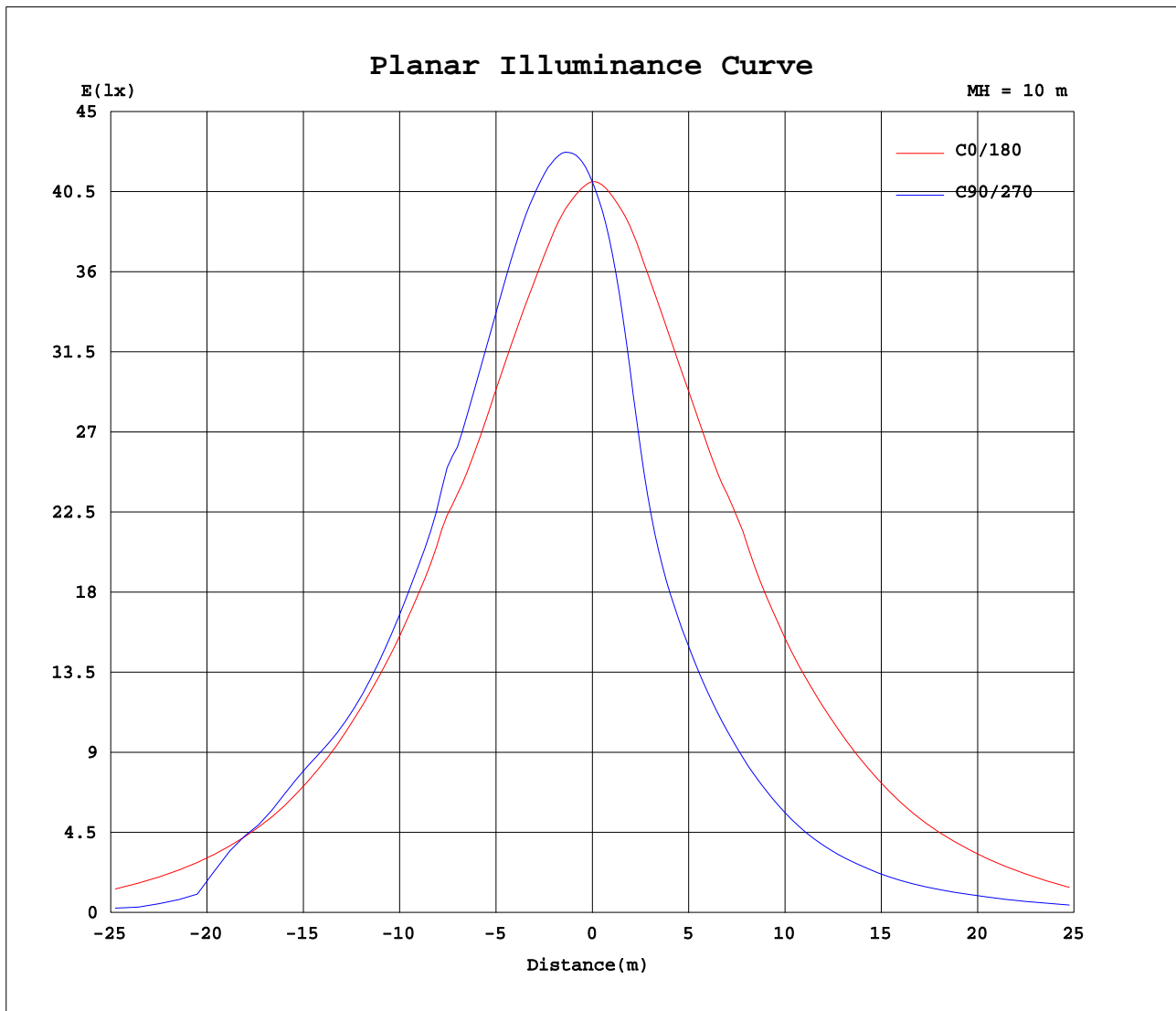
Test:U:220.03V I:0.4468A P:97.730W PF:0.9941 Freq:50.00Hz Lamp Flux:14844.8x1 lm		
NAME: LED STREET LIGHT	TYPE:LED	WEIGHT:/
SPEC.:/	DIM.: /	SERIAL No.:/
MFR.:	SUR.:/	Shielding Angle:/



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 26.6DEG
Operators:
Test Date:2019-07-22

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.407.13
Humidity: 56.4%
Test Distance:26.000m [K=1.0000]
Remarks:

Planar Illuminance Curve

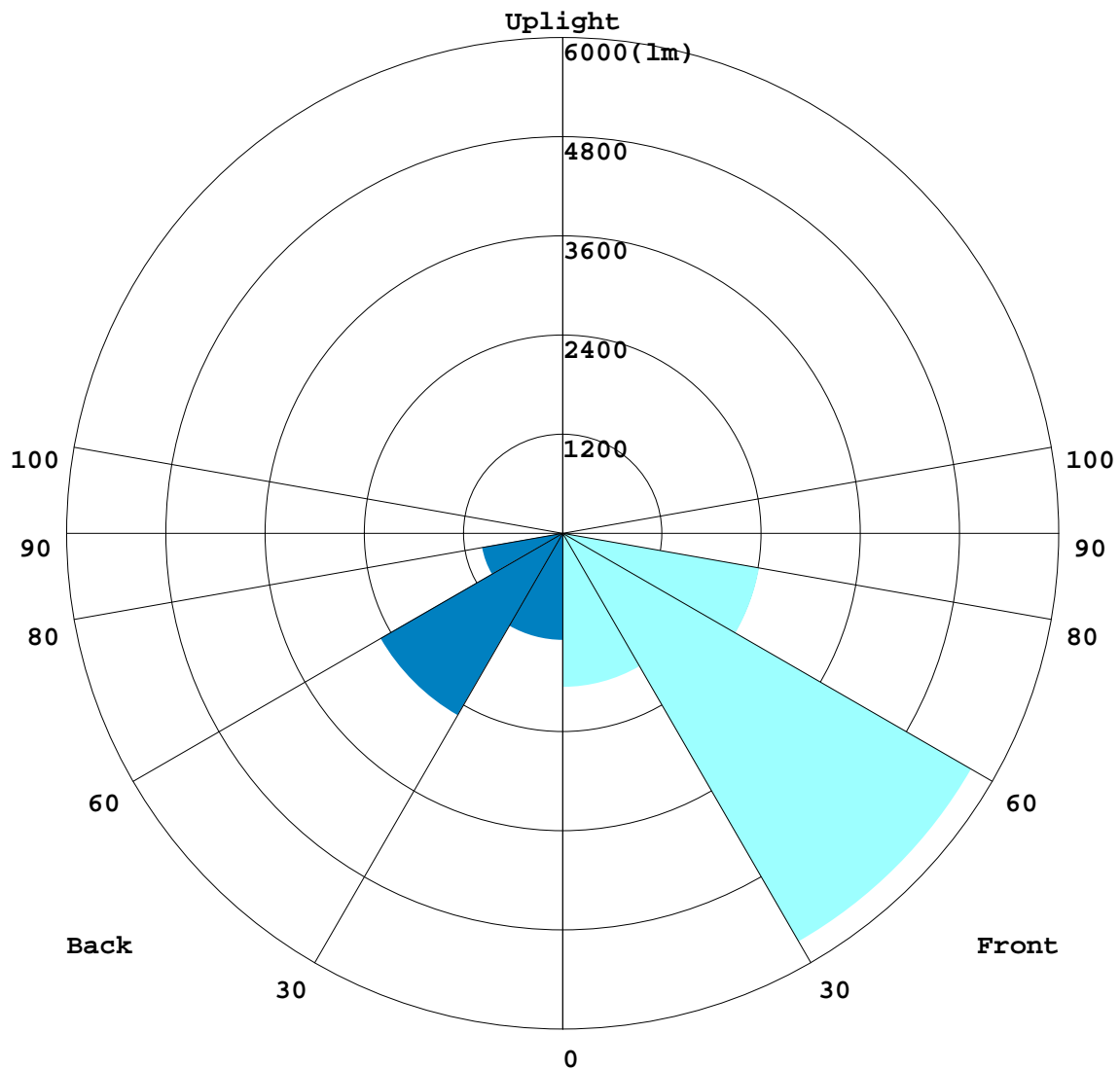


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 26.6DEG
Operators:
Test Date: 2019-07-22

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.407.13
Humidity: 56.4%
Test Distance: 26.000m [K=1.0000]
Remarks:

LCS REPORT

Test:U:220.03V I:0.4468A P:97.730W PF:0.9941 Freq:50.00Hz Lamp Flux:14844.8x1 lm		
NAME: LED STREET LIGHT	TYPE:LED	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:2019-07-22

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.407.13
 Humidity: 56.4%
 Test Distance:26.000m [K=1.0000]
 Remarks:

BUG REPORT

Test:U:220.03V I:0.4468A P:97.730W PF:0.9941 Freq:50.00Hz Lamp Flux:14844.8x1 lm		
NAME: LED STREET LIGHT	TYPE:LED	WEIGHT:/
SPEC.:/	DIM.: /	SERIAL No.:/
MFR.:	SUR.:/	Shielding Angle:/

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	1861.2	12.5
FM - Front-Medium(30-60)	5707.5	38.4
FH - Front-High(60-80)	2414.6	16.3
FVH - Front-Very High(80-90)	17.89	0.1
Total Forward Light	10001	67.4

BL - Back-Low(0-30)	1292.7	8.7
BM - Back-Medium(30-60)	2543.5	17.1
BH - Back-High(60-80)	988.37	6.7
BVH - Back-Very High(80-90)	19.145	0.1
Total Back Light	4843.7	32.6

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
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	4843.7	0	4843.7
Street Side	10001	0	10001

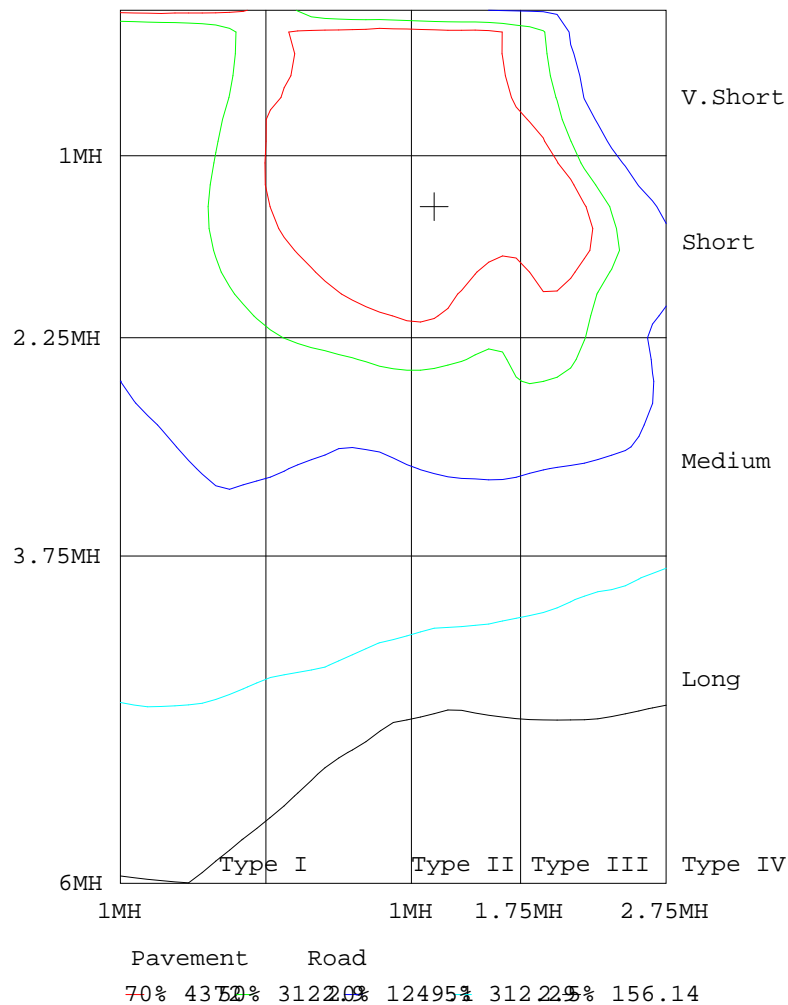
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 26.6DEG
Operators:
Test Date:2019-07-22

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.407.13
Humidity: 56.4%
Test Distance:26.000m [K=1.0000]
Remarks:

ROAD ISOCANDELA REPORT

Test:U:220.03V I:0.4468A P:97.730W PF:0.9941 Freq:50.00Hz Lamp Flux:14844.8x1 lm		
NAME: LED STREET LIGHT	TYPE:LED	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:2019-07-22

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.407.13
 Humidity: 56.4%
 Test Distance:26.000m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.03V I:0.4468A P:97.730W PF:0.9941 Freq:50.00Hz Lamp Flux:14844.8x1 lm		
NAME: LED STREET LIGHT	TYPE:LED	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	4105	4105	4105	4105	4105	4105	4105	4105	4105	4105	4105	4105	4105	4105	4105	4105	4105	4105	4105
5	4075	4093	4112	4137	4152	4168	4186	4205	4220	4233	4246	4257	4269	4283	4288	4296	4301	4303	4306
10	4060	4102	4141	4181	4215	4240	4267	4297	4312	4330	4344	4356	4377	4395	4410	4431	4439	4443	4451
15	4039	4102	4149	4196	4235	4274	4316	4373	4408	4437	4443	4444	4453	4468	4486	4516	4542	4551	4562
20	4052	4138	4197	4243	4290	4325	4347	4384	4417	4481	4527	4534	4535	4523	4539	4565	4609	4642	4654
25	4089	4201	4263	4313	4361	4398	4408	4445	4459	4490	4525	4594	4611	4580	4579	4604	4643	4678	4701
30	4137	4272	4354	4408	4457	4477	4493	4512	4530	4557	4539	4577	4666	4657	4628	4644	4678	4698	4728
35	4275	4434	4536	4597	4653	4665	4656	4659	4662	4666	4642	4639	4676	4716	4715	4711	4724	4739	4758
40	4358	4585	4731	4864	4995	5074	5126	5181	5204	5212	5154	5079	4990	4942	4905	4863	4832	4784	4766
45	4390	4646	4827	5006	5115	5165	5192	5196	5180	5157	5084	5030	5047	5016	4899	4844	4833	4759	4733
50	4392	4669	4911	5091	5250	5356	5456	5520	5525	5482	5345	5231	5106	5049	4896	4754	4694	4648	4631
55	4229	4548	4791	5030	5298	5536	5760	5912	5967	5883	5642	5392	5154	4980	4859	4718	4655	4667	4665
60	3840	4181	4457	4786	5135	5493	5853	6111	6266	6198	5885	5526	5185	4870	4524	4277	4115	3992	3946
65	3173	3464	3759	4117	4492	4823	5020	5180	5211	5145	5063	4994	4814	4289	3371	1988	1215	1130	978
70	2048	2091	2124	2262	2558	2925	3253	3261	3549	4424	4624	4447	3069	1349	561	366	439	425	410
75	635	606	703	784	864	1025	1103	1357	1552	1308	804	740	289	234	203	199	238	223	200
80	145	99.6	85.1	88.0	106	128	141	166	186	193	155	108	105	98.3	87.7	94.5	115	83.5	87.6
85	16.6	15.5	16.2	17.7	19.7	21.7	22.8	24.8	26.3	25.7	21.5	19.6	21.0	19.5	16.9	14.5	17.1	11.5	10.7
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:2019-07-22

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.407.13
Humidity: 56.4%
Test Distance:26.000m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.03V I:0.4468A P:97.730W PF:0.9941 Freq:50.00Hz Lamp Flux:14844.8x1 lm		
NAME: LED STREET LIGHT	TYPE:LED	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	4105	4105	4105	4105	4105	4105	4105	4105	4105	4105	4105	4105	4105	4105	4105	4105	4105	4105	4105
5	4306	4301	4299	4295	4288	4276	4272	4257	4248	4232	4219	4202	4187	4167	4152	4131	4110	4092	4072
10	4449	4444	4442	4431	4410	4393	4383	4360	4347	4326	4303	4280	4250	4224	4194	4161	4115	4080	4040
15	4566	4560	4544	4519	4499	4479	4468	4446	4445	4420	4385	4342	4291	4245	4207	4157	4099	4046	3990
20	4672	4646	4612	4580	4557	4546	4549	4532	4513	4456	4388	4344	4298	4273	4235	4177	4105	4041	3973
25	4720	4684	4652	4621	4596	4608	4617	4565	4491	4446	4417	4397	4365	4341	4304	4232	4143	4069	3979
30	4734	4705	4671	4649	4649	4668	4631	4535	4515	4511	4500	4495	4473	4452	4407	4334	4224	4136	4000
35	4764	4745	4725	4702	4708	4694	4625	4611	4628	4645	4660	4673	4677	4662	4615	4526	4407	4273	4101
40	4799	4826	4852	4858	4873	4910	4957	5042	5133	5155	5151	5118	5068	4992	4869	4720	4557	4344	4136
45	4771	4814	4847	4852	4904	4979	4959	4983	5063	5111	5140	5159	5121	5063	4953	4805	4610	4356	4121
50	4662	4698	4729	4795	4951	5032	5139	5249	5366	5458	5474	5441	5351	5233	5080	4888	4650	4392	4118
55	4707	4681	4690	4787	4904	5073	5288	5518	5744	5890	5897	5808	5629	5382	5126	4872	4613	4318	3993
60	3985	4061	4215	4437	4797	5153	5441	5767	6092	6277	6237	6071	5765	5395	5041	4694	4362	4015	3645
65	1027	1319	1446	2580	3952	4727	5051	5190	5317	5439	5527	5394	5230	4897	4505	4119	3731	3436	3084
70	422	454	366	376	822	2076	4070	4776	4793	4268	3508	3526	3376	3006	2622	2344	2233	2183	2093
75	223	237	209	196	224	255	626	684	1125	1468	1447	1272	1024	979	840	761	658	669	856
80	82.7	110	98.0	85.3	99.9	105	109	130	180	189	171	153	131	118	93.0	86.7	93.0	144	199
85	11.7	17.4	16.4	16.9	20.4	23.0	22.2	22.9	26.8	30.5	27.6	27.6	25.1	22.4	20.4	18.7	18.0	19.5	24.2
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:2019-07-22

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.407.13
Humidity: 56.4%
Test Distance:26.000m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.03V I:0.4468A P:97.730W PF:0.9941 Freq:50.00Hz Lamp Flux:14844.8x1 lm		
NAME: LED STREET LIGHT	TYPE:LED	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	4105	4105	4105	4105	4105	4105	4105	4105	4105	4105	4105	4105	4105	4105	4105	4105	4105	4105	4105
5	4054	4032	4008	3988	3970	3951	3935	3919	3900	3886	3873	3863	3849	3840	3837	3831	3830	3827	3829
10	3996	3950	3904	3853	3803	3756	3705	3655	3598	3547	3503	3462	3423	3394	3376	3361	3357	3353	3362
15	3924	3846	3770	3682	3585	3494	3387	3288	3181	3085	2999	2923	2857	2808	2773	2749	2748	2745	2762
20	3874	3754	3637	3499	3336	3187	3027	2880	2736	2619	2537	2472	2426	2387	2364	2348	2345	2351	2360
25	3836	3676	3504	3315	3099	2896	2691	2529	2395	2311	2252	2210	2182	2159	2149	2129	2135	2150	2146
30	3822	3620	3402	3143	2885	2630	2406	2270	2166	2101	2058	2029	2021	2003	1990	1984	1985	1988	1983
35	3885	3620	3356	3034	2698	2397	2200	2081	1991	1945	1916	1894	1877	1864	1855	1851	1856	1857	1848
40	3856	3570	3271	2891	2499	2199	2029	1926	1843	1800	1770	1743	1737	1729	1723	1724	1726	1728	1716
45	3817	3503	3155	2728	2290	2003	1858	1770	1698	1651	1624	1598	1586	1578	1580	1580	1587	1590	1575
50	3767	3410	3029	2554	2089	1838	1700	1616	1551	1513	1468	1446	1431	1420	1415	1425	1443	1440	1417
55	3624	3263	2853	2358	1876	1642	1521	1433	1372	1349	1314	1283	1270	1270	1266	1285	1312	1299	1273
60	3292	2958	2579	2083	1632	1420	1312	1251	1203	1173	1152	1123	1117	1121	1125	1133	1153	1146	1113
65	2788	2514	2161	1722	1364	1170	1078	1030	1002	985	973	953	949	954	976	980	984	977	974
70	1927	1706	1484	1189	1022	900	816	782	776	772	767	750	754	708	581	516	500	500	530
75	890	721	638	596	600	574	545	518	524	535	523	439	317	235	230	218	209	213	221
80	211	221	227	230	141	106	106	97.6	178	215	190	134	95.2	80.0	74.8	74.2	70.1	69.8	67.5
85	29.9	28.1	29.8	24.3	22.4	19.9	19.0	18.3	16.8	18.7	18.9	29.4	25.2	18.1	12.5	12.0	11.0	10.1	9.97
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:2019-07-22

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.407.13
Humidity: 56.4%
Test Distance:26.000m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.03V I:0.4468A P:97.730W PF:0.9941 Freq:50.00Hz Lamp Flux:14844.8x1 lm																	
NAME: LED STREET LIGHT									TYPE:LED						WEIGHT:/		
SPEC.:/									DIM.: /						SERIAL No.:/		
MFR.:									SUR.:/						Shielding Angle:/		

Table--4

UNIT: cd

C(DEC)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
γ (DEC)																			
0	4105	4105	4105	4105	4105	4105	4105	4105	4105	4105	4105	4105	4105	4105	4105				
5	3835	3838	3845	3856	3870	3882	3900	3913	3933	3951	3972	3989	4014	4031	4050				
10	3379	3400	3431	3468	3518	3562	3618	3669	3721	3773	3826	3877	3926	3975	4013				
15	2793	2831	2888	2955	3042	3130	3237	3341	3443	3549	3647	3739	3830	3904	3963				
20	2378	2411	2452	2508	2585	2686	2828	2983	3139	3304	3454	3612	3755	3866	3954				
25	2153	2168	2195	2231	2289	2364	2478	2642	2836	3053	3267	3483	3678	3833	3950				
30	1989	2004	2020	2041	2084	2143	2230	2358	2556	2821	3094	3365	3608	3806	3965				
35	1848	1860	1878	1901	1928	1969	2041	2152	2316	2608	2957	3300	3601	3854	4065				
40	1717	1719	1731	1751	1777	1813	1886	1977	2127	2405	2817	3224	3559	3852	4118				
45	1570	1571	1575	1602	1628	1669	1729	1805	1934	2180	2634	3111	3498	3821	4120				
50	1408	1419	1426	1445	1478	1521	1576	1655	1767	1987	2457	2970	3411	3753	4087				
55	1255	1262	1264	1280	1326	1345	1390	1467	1582	1770	2250	2787	3243	3586	3922				
60	1106	1101	1103	1121	1148	1164	1213	1272	1369	1540	1971	2489	2900	3225	3539				
65	947	934	942	945	964	973	995	1043	1124	1281	1610	2049	2432	2669	2903				
70	642	734	735	742	751	753	757	786	855	970	1088	1302	1499	1693	1903				
75	227	263	400	472	516	510	495	497	536	560	555	569	645	779	833				
80	70.1	77.7	94.4	146	192	167	93.4	96.2	96.4	105	171	202	196	190	190				
85	11.0	16.3	19.5	14.1	14.2	14.3	15.4	16.5	16.9	19.8	19.4	21.7	24.1	25.3	21.7				
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				
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:2019-07-22

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.407.13
Humidity: 56.4%
Test Distance:26.000m [K=1.0000]
Remarks: