

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

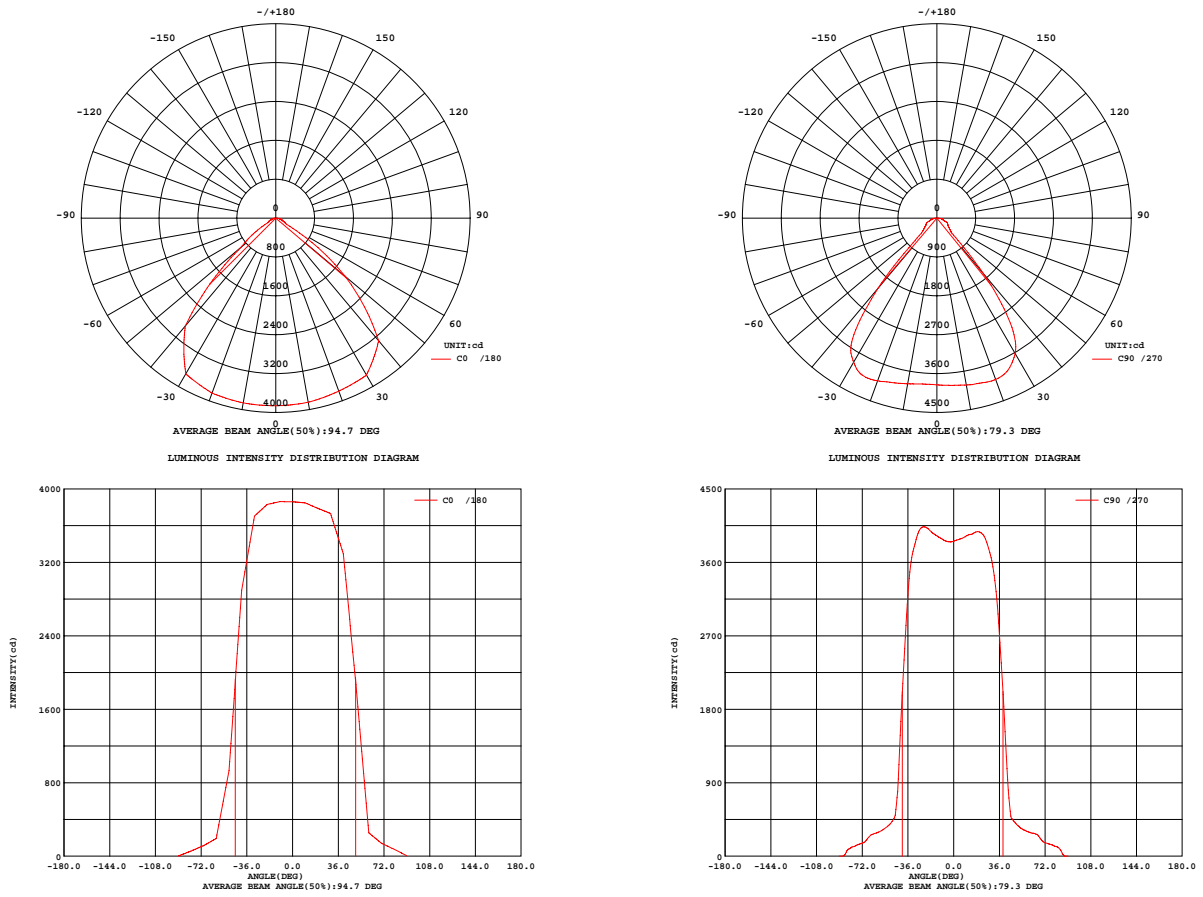


Fig. C180

Fig. C270

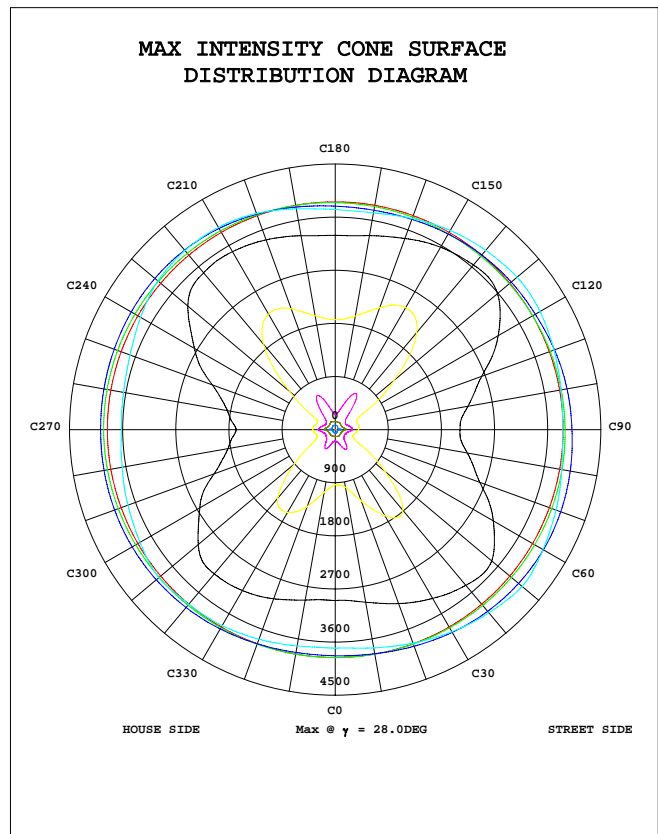
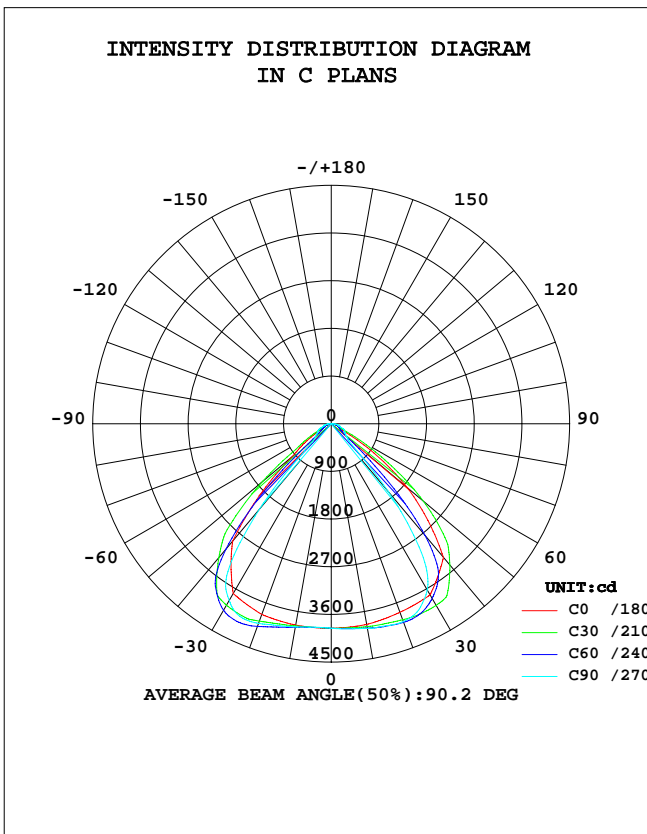
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Grace
 Test Date: 2015-05-26

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V1.0.253
 Humidity: 55.0%
 Test Distance: 10.200m [K=1.0000]
 Remarks:

STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:220.3V I:0.3010A P:65.60W PF:0.9880 Lamp Flux:7895x1 lm		
NAME: LED Tunnel Light	TYPE:Cool White	WEIGHT:3.9Kg
DIMENSION: 307*249*217mm	SPECIFICATION:	SERIAL No.:
MANUFACTURER: SPARK	SURFACE:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 120.35 lm/W			
MODEL	SPT-B60	I _{max} (cd)	4160	η street_up(%)	0.0
NOMINAL POWER(W)	65	LOR(%)	100.0	η street_down(%)	50.9
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	7895	η house_up(%)	0.0
NOMINAL FLUX(lm)	7895.0	MAXIMUM @(C,γ)	50,28.0	η house_down(%)	49.1
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.0500
TEST VOLTAGE(V)	220.3	η down(%)	100.0	SLI	18.943



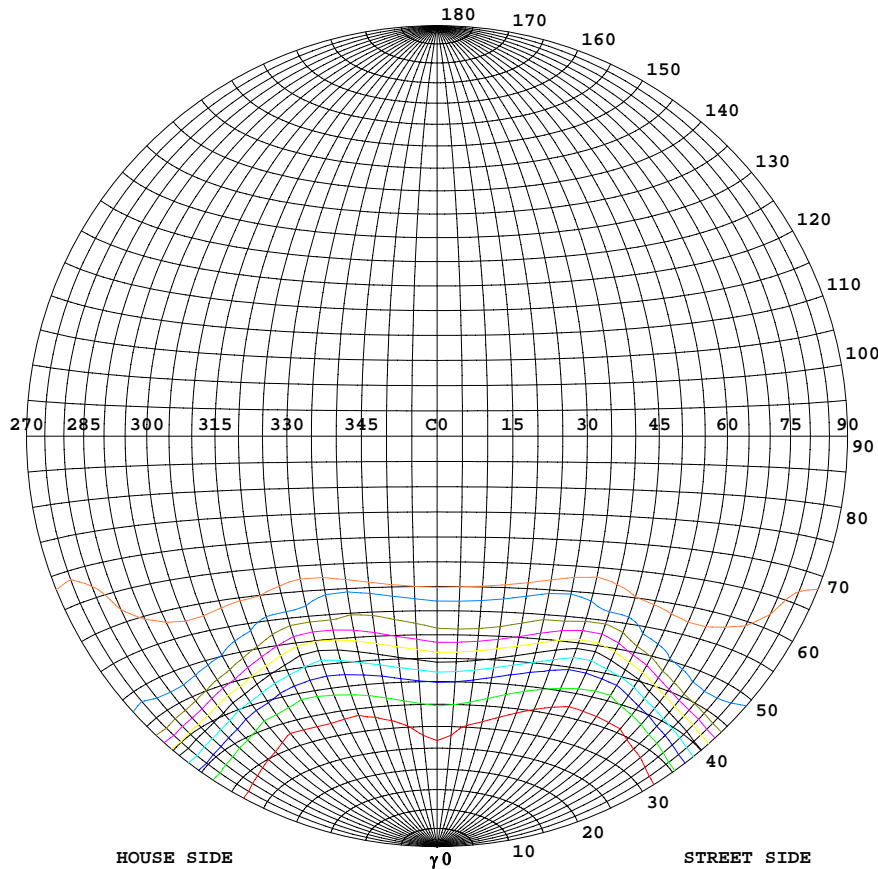
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Note: SLI:Specific Luminaire Index

STREETLIGHT ISOCANDELA DIAGRAM

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Classification:

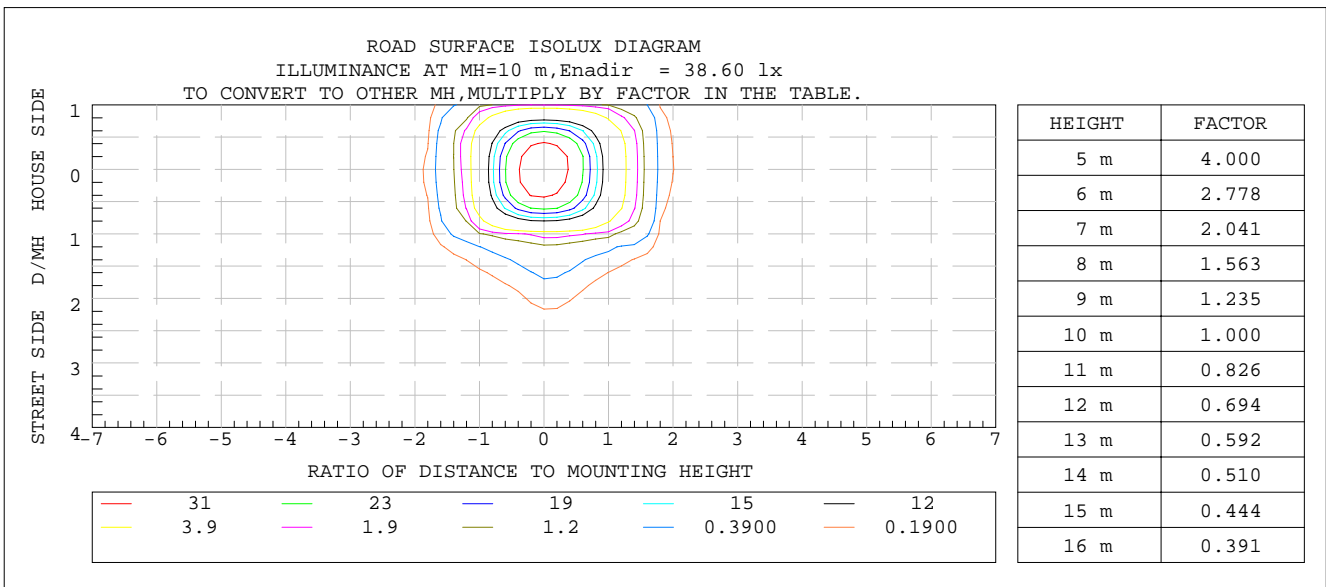
IES:Type I - Very Short
 CIE:Narrow - Short
 IES:Cut-off
 CIE:Full cut-off
 Max.At80:15.16cd/klm
 Max.At90:0.7576cd/klm
 Max.80-90:15.16cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	4160
90%	3744
80%	3328
70%	2912
60%	2496
50%	2080
40%	1664
30%	1248
20%	832
10%	416
5%	208

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COEFFICIENT OF UTILIZATION CURVE AND ISOLUX DIAGRAM



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ZONAL FLUX DIAGRAM

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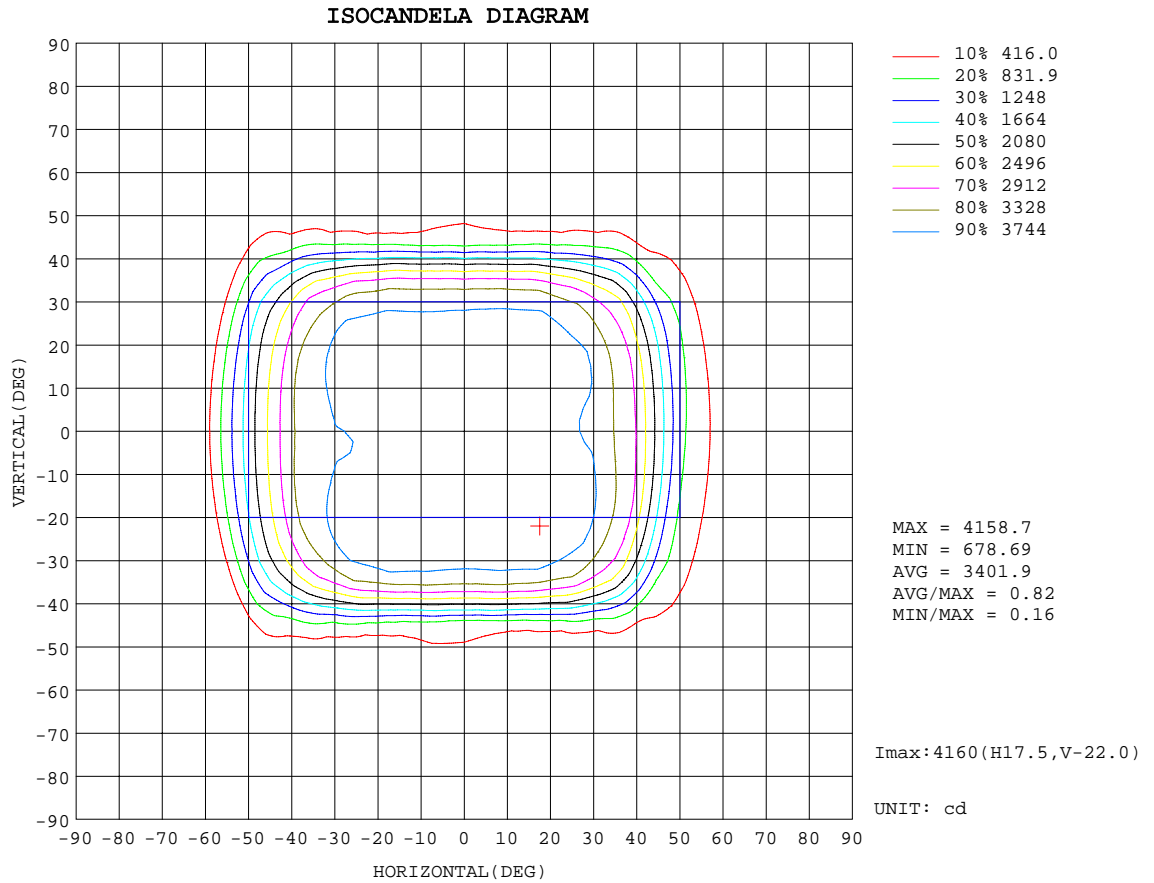
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%
5	3860	3858	3855	3845	3854	3876	3886	3874	0- 5	92.31	92.31	1.17
10	3861	3891	3894	3843	3847	3906	3924	3888	5- 10	277.0	369.3	4.68
15	3846	3953	3942	3858	3817	3946	3951	3911	10- 15	461.9	831.2	10.53
20	3831	4037	4010	3879	3788	3983	3974	3946	15- 20	645.8	1477	18.71
25	3766	4134	4028	3936	3759	4008	3888	3979	20- 25	826.2	2303	29.17
30	3702	4094	3853	3994	3731	3946	3622	3880	25- 30	988.1	3291	41.69
35	3299	3863	3401	3929	3512	3754	2967	3606	30- 35	1100	4391	55.62
40	2895	3494	2115	3662	3294	3425	1679	3173	35- 40	1094	5485	69.48
45	1914	2681	645.2	2911	2580	2598	491.7	2283	40- 45	908.1	6393	80.98
50	931.9	1507	396.0	1778	1867	1470	383.4	1226	45- 50	612.4	7006	88.73
55	562.9	559.2	330.8	725.4	1061	569.0	323.5	487.7	50- 55	370.9	7377	93.43
60	193.9	210.3	289.8	258.9	255.9	222.9	290.9	206.7	55- 60	202.3	7579	95.99
65	154.4	154.0	260.9	176.7	198.3	166.3	269.4	154.5	60- 65	104.4	7683	97.32
70	114.9	116.1	175.7	130.2	140.8	131.9	183.3	117.5	65- 70	78.06	7761	98.30
75	85.25	83.77	143.1	96.87	108.1	101.2	150.7	87.25	70- 75	59.17	7820	99.05
80	55.64	47.99	112.0	62.18	75.48	68.49	119.7	52.87	75- 80	42.67	7863	99.59
85	28.45	19.01	33.56	29.57	40.16	34.60	51.39	22.93	80- 85	24.95	7888	99.91
90	1.253	0.2092	0.2750	0.6641	4.844	1.050	0.8899	0.3078	85- 90	7.048	7895	100.00
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			

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