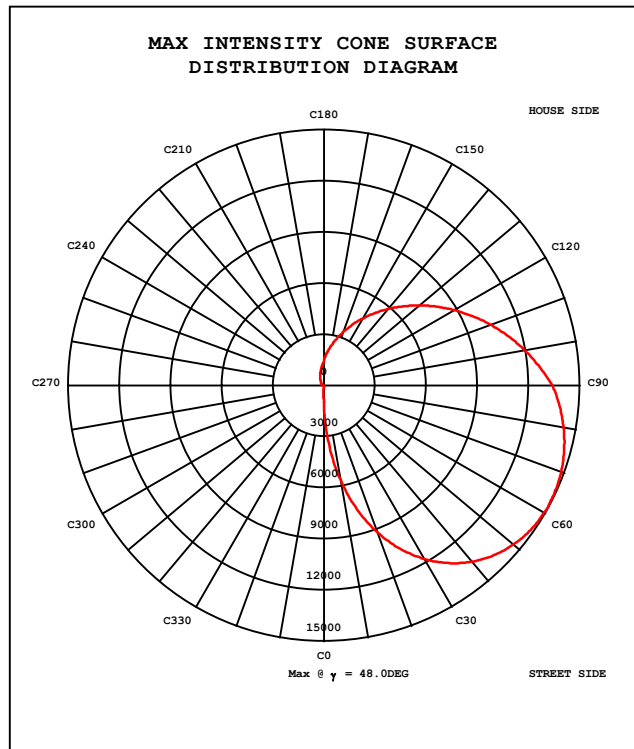
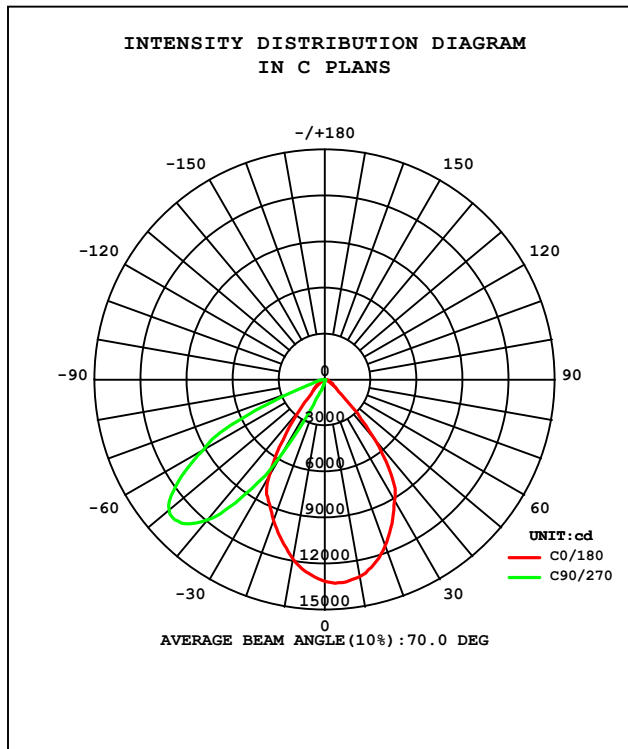


STREETLIGHT PHOTOMETRIC TEST REPORT

NAME:200W SMD LED HIGHBAY	TYPE:	WEIGHT:
MODEL NO.:BT44-09622;BT44-09632	SPECIFICATION:	SERIAL No.:
DIMENSION:	SURFACE:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL	BT44-09632	Imax (cd)	13397	η street_up (%)	0.0
NOMINAL POWER (W)	200	LOR (%)	164.2	η street_down (%)	119.8
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	16422	η house_up (%)	0.0
NOMINAL FLUX (lm)	10000	MAXIMUM @ (C, γ)	90,48.0	η house_down (%)	44.4
LAMPS INSIDE	1	η up (%)	0.0	76 FLASHAREA (m2)	
TEST VOLTAGE (V)	219.0	η down (%)	164.2	SLI	



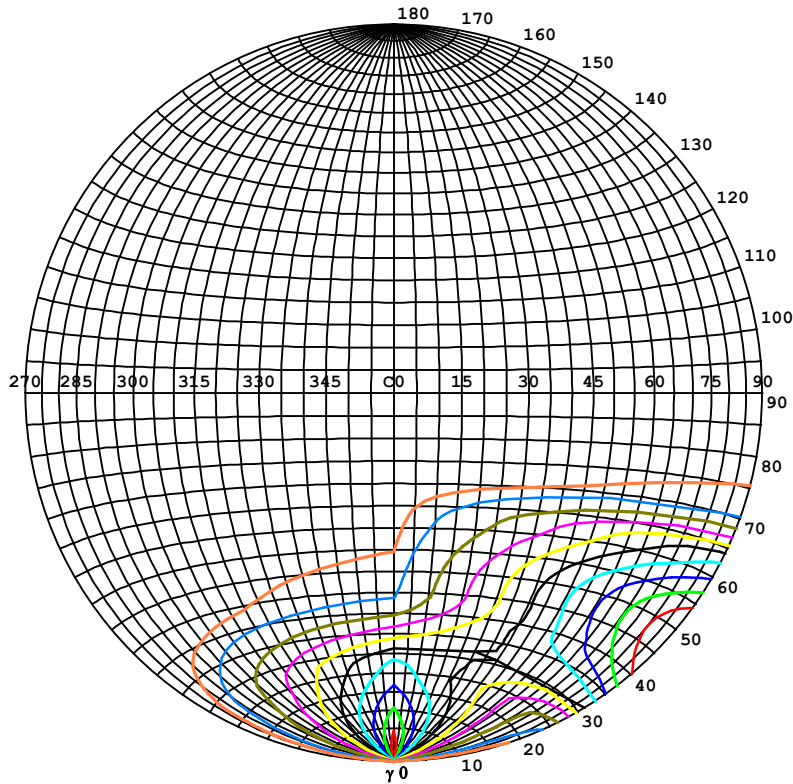
C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2017-09-28

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V1.0.255
Humidity:65.0%
Test Distance:6.600m [K=1.0000]
Remarks:

Note: SLI:Specific Luminaire Index

STREETLIGHT ISOCANDELA DIAGRAM

NAME:200W SMD LED HIGHBAY	TYPE:	WEIGHT:
MODEL NO.:BT44-09622;BT44-09632	SPECIFICATION:	SERIAL No.:
DIMENSION:	SURFACE:	PROTECTION ANGLE:



Classification:

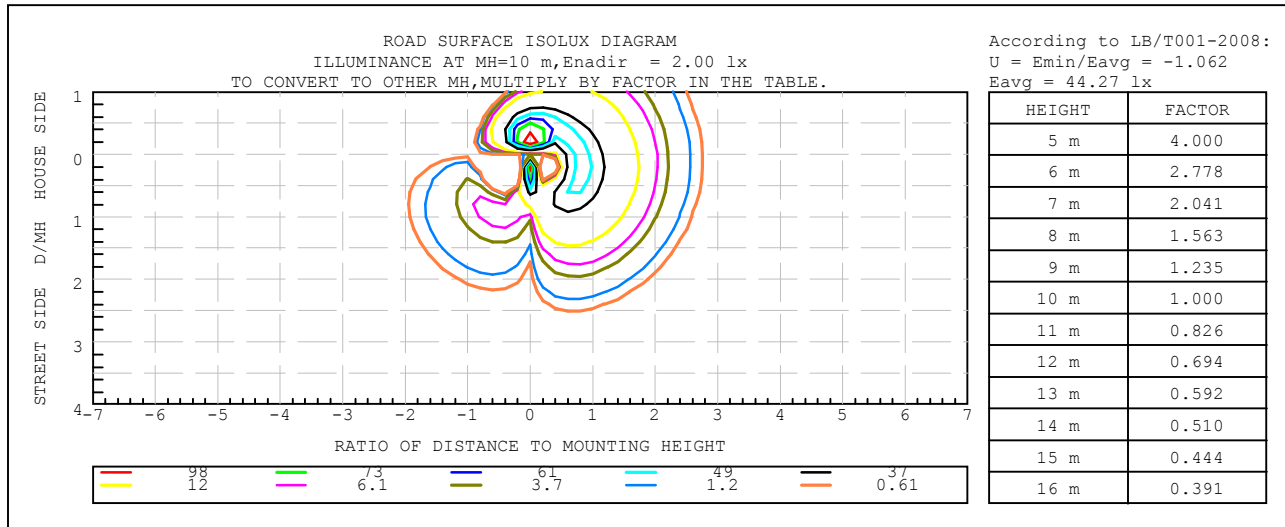
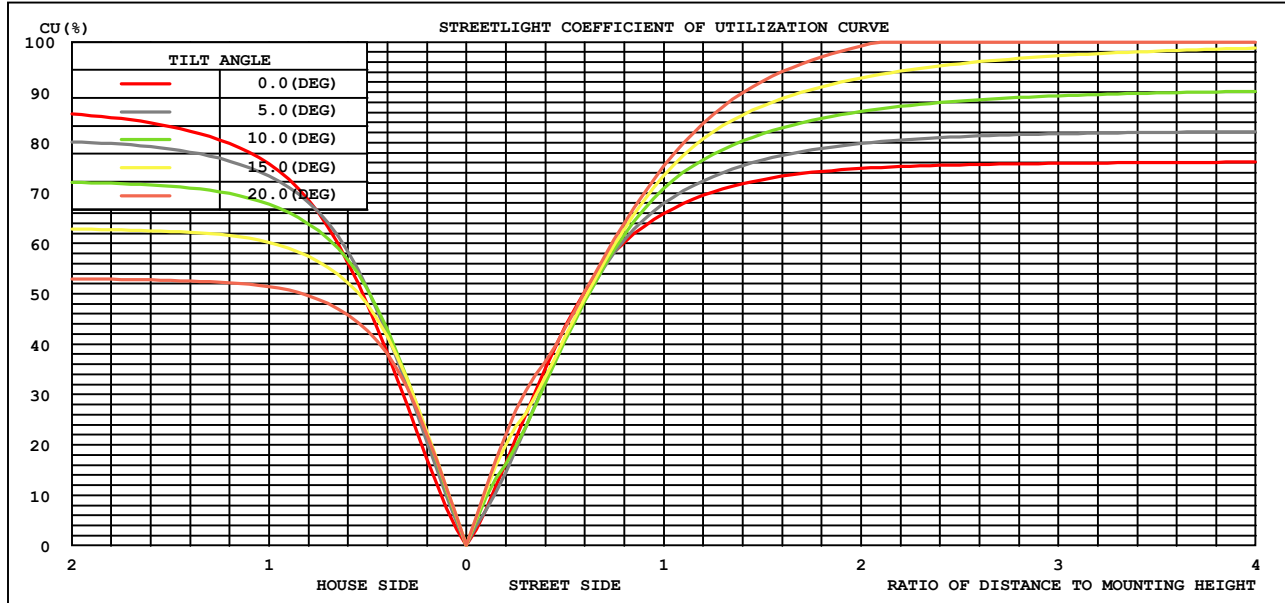
IES:Type I - Very Short
 CIE:Narrow - Short
 IES:Cut-off
 CIE:Semi-cut-off
 Max.At80:36.85cd/klm
 Max.At90:10.83cd/klm
 Max.80-90:36.85cd/klm

ISOCANDELA DIAGRAM		
UNIT		cd
Imax=100%		13397
— 90%		12057
— 80%		10717
— 70%		9378
— 60%		8038
— 50%		6698
— 40%		5359
— 30%		4019
— 20%		2679
— 10%		1340
— 5%		670

C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2017-09-28

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V1.0.255
 Humidity:65.0%
 Test Distance:6.600m [K=1.0000]
 Remarks:

**COEFFICIENT OF UTILIZATION CURVE
AND ISOLUX DIAGRAM**



C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2017-09-28

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V1.0.255
Humidity: 65.0%
Test Distance: 6.600m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

NAME:200W SMD LED HIGHBAY	TYPE:	WEIGHT:
MODEL NO.:BT44-09622;BT44-09632	SPECIFICATION:	SERIAL No.:
DIMENSION:	SURFACE:	PROTECTION ANGLE:

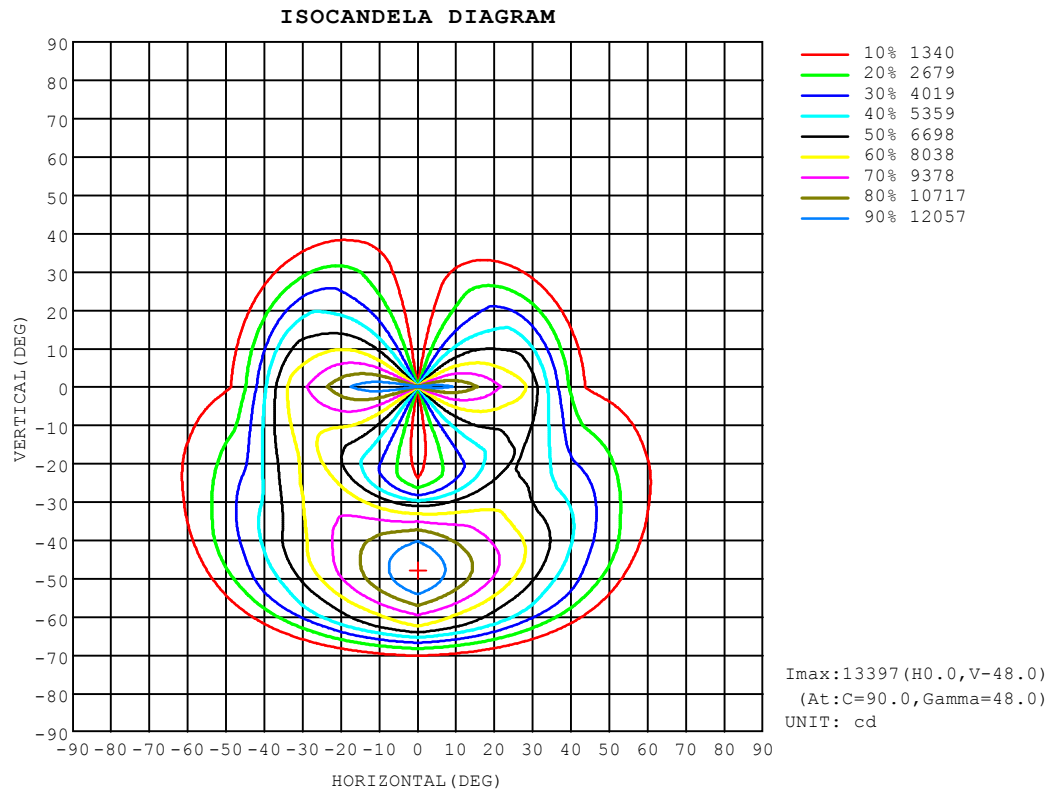
γ	C0	C90	C180	C270					γ	Φ zone	Φ total	%
10	1190	19.50	1305	4.256					0- 10	614.4	614.4	3.74
20	976.6	82.67	1155	5.078					10- 20	1673	1673	13.93
30	728.3	560.7	912.7	5.901					20- 30	2481	2481	29.04
40	242.9	1196	508.4	6.723					30- 40	3370	3370	49.56
50	88.94	1326	119.5	7.545					40- 50	3317	3317	69.75
60	45.79	917.7	63.41	8.368					50- 60	2946	2946	87.69
70	20.95	142.7	31.00	9.190					60- 70	1604	1604	97.46
80	5.746	36.85	12.67	10.01					70- 80	311.5	311.5	99.36
90	2.262	5.096	2.758	10.83					80- 90	105.7	105.7	100.00
100									90-100			
110									100-110			
120									110-120			
130									120-130			
140									130-140			
150									140-150			
160									150-160			
170									160-170			
180									170-180			
DEG	LUMINOUS INTENSITY:×10cd								UNIT:lm			

C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2017-09-28

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V1.0.255
 Humidity:65.0%
 Test Distance:6.600m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

NAME:200W SMD LED HIGHBAY	TYPE:	WEIGHT:
MODEL NO.:BT44-09622;BT44-09632	SPECIFICATION:	SERIAL No.:
DIMENSION:	SURFACE:	PROTECTION ANGLE:

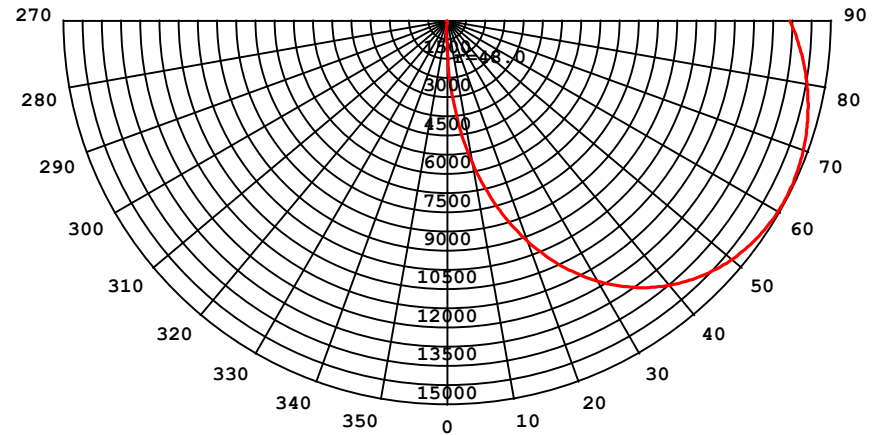
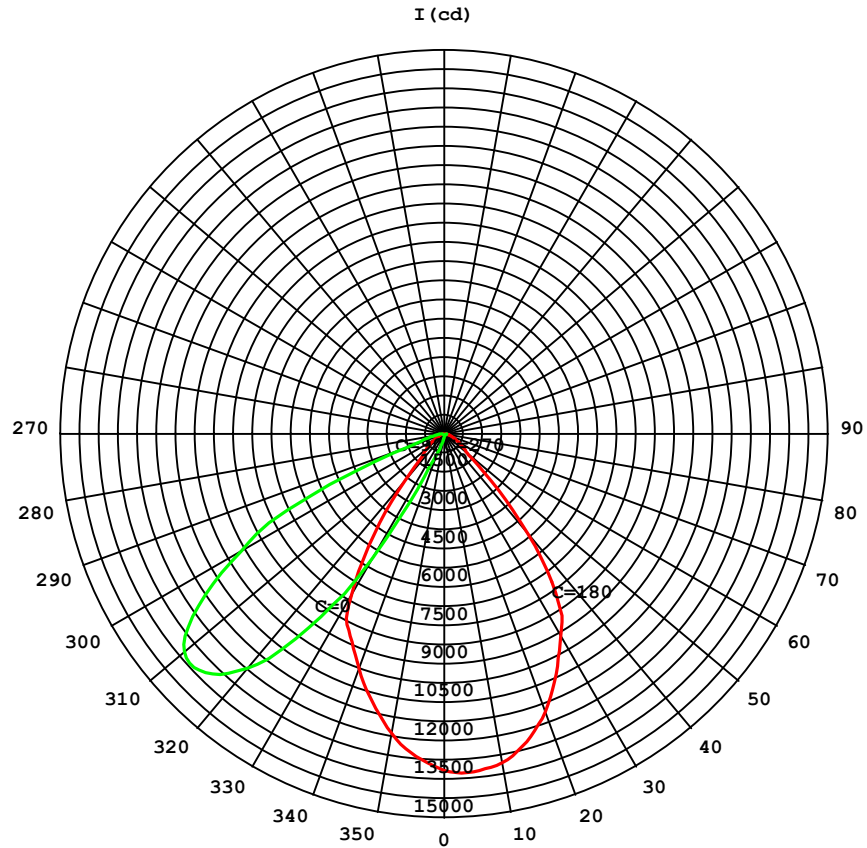


C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2017-09-28

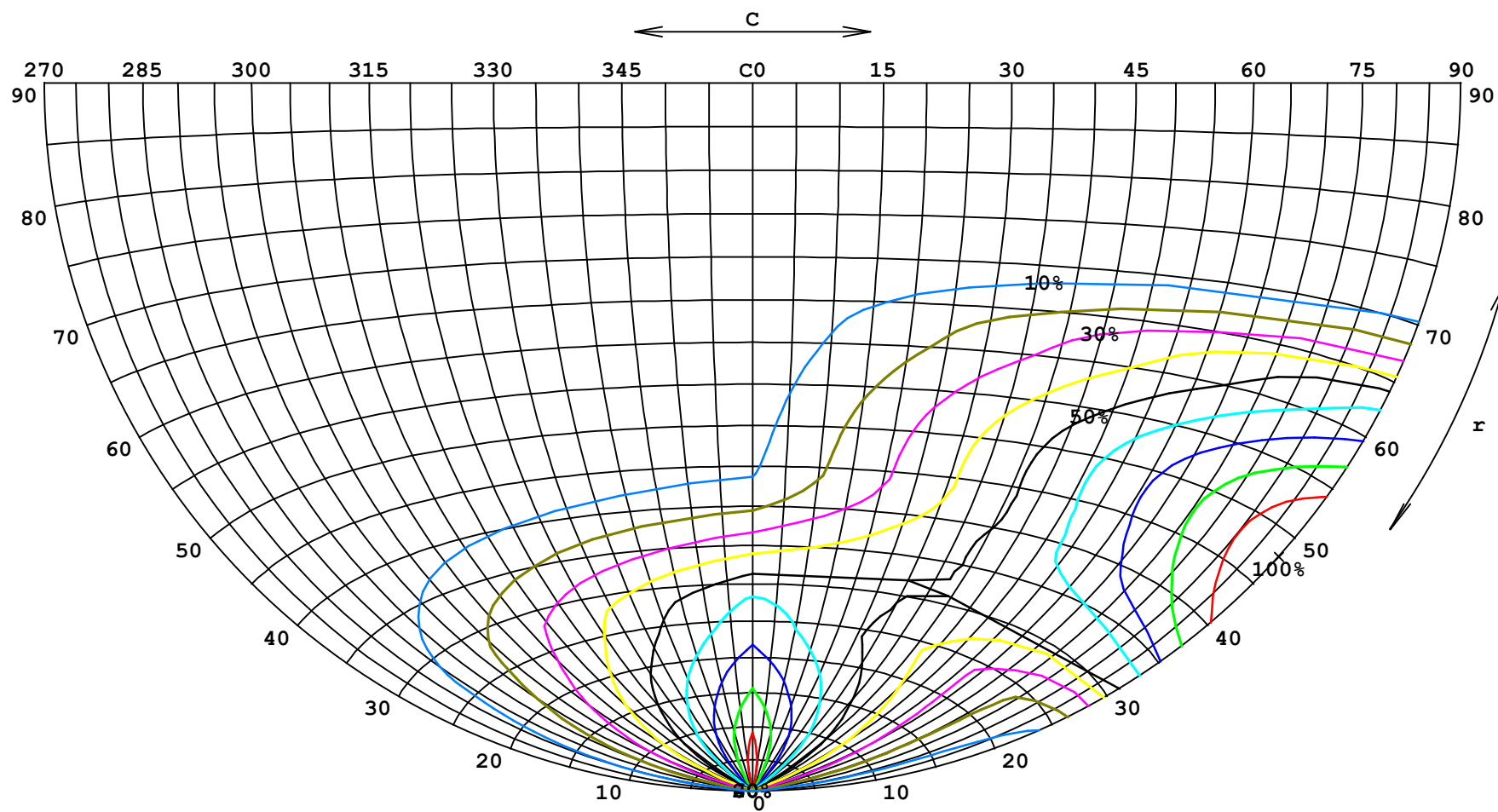
γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V1.0.255
 Humidity:65.0%
 Test Distance:6.600m [K=1.0000]
 Remarks:

FLUX DATA:

LOR:	164.2 %
STREET DOWN:	11979 lm
STREET UP:	0 lm
HOUSE DOWN:	4442 lm
HOUSE UP:	0 lm



$I_{max}(100\%) = 13397 \text{ cd}$



)%

$E_{max}(100\%) = 131.5 \text{ lx}$ $H = 10\text{m}$

