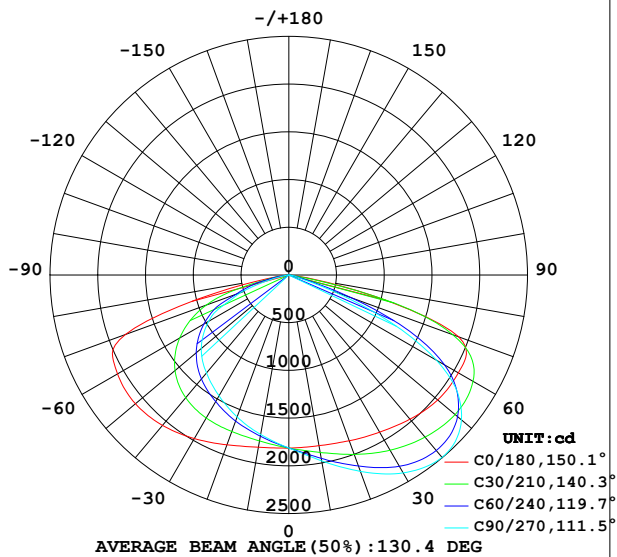
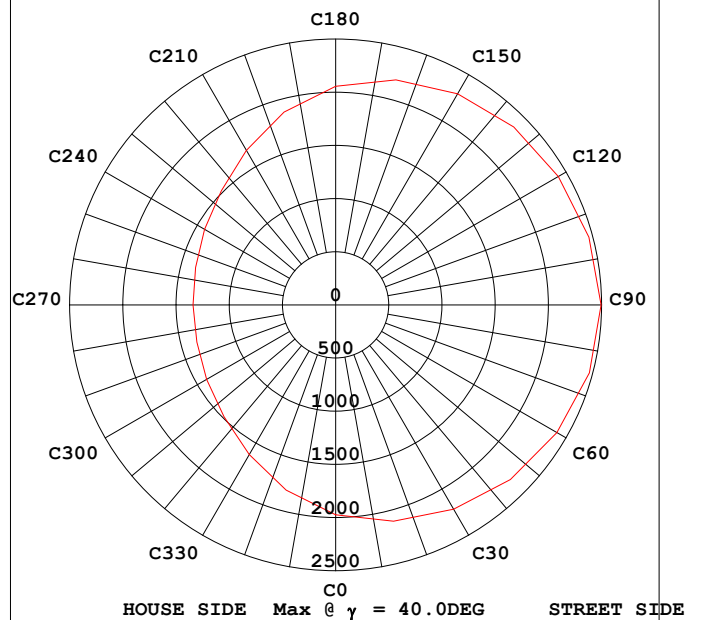


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:229.3V I:0.2250A P:50.20W PF:0.9700 Lamp Flux:7966.18x1 lm		
NAME: SL 050 STD LM 50 50 8 T3M	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 158.69 lm/W			
MODEL	SL 050 STD LM 50 50 8 T3M	Imax(cd)	2495	η street_up(%)	0.0
NOMINAL POWER(W)	50.2	LOR(%)	100.0	η street_down(%)	59.1
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	7966	η house_up(%)	0.0
NOMINAL FLUX(lm)	7966.18	MAXIMUM @ (C, γ)	90,40.0	η house_down(%)	40.9
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	
TEST VOLTAGE(V)	229.3	η down(%)	100.0	SLI	

INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

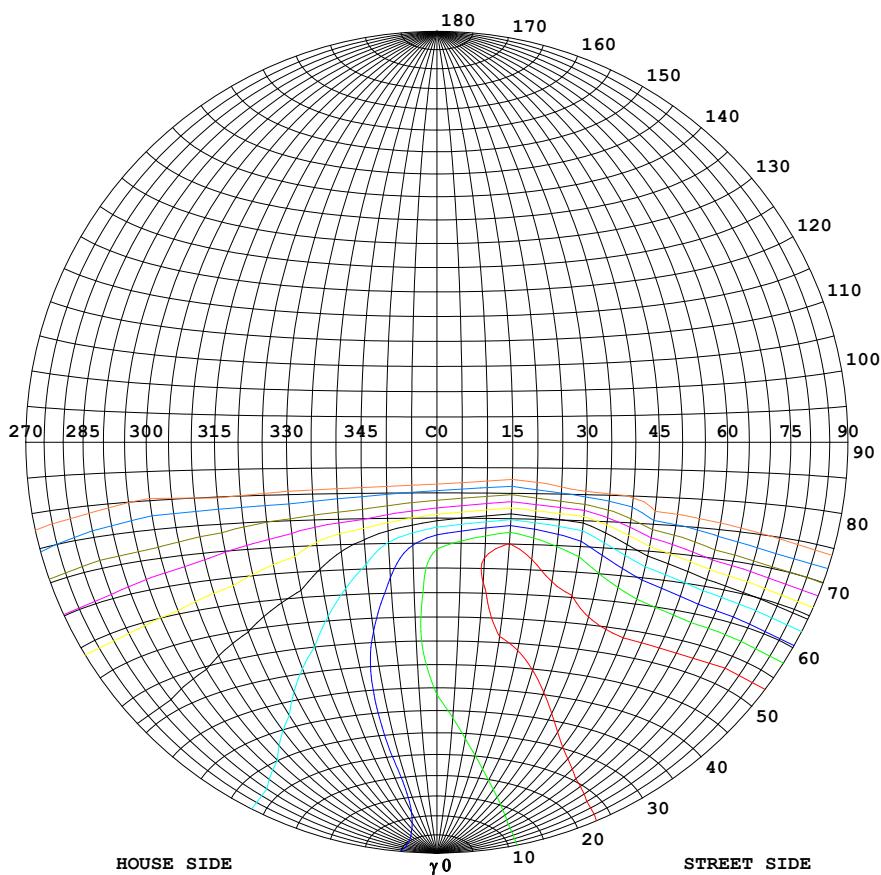
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2025-06-14

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.265
 Humidity:65.0%
 Test Distance:16.500m [K=1.0000]
 Remarks:

Note: SLI:Specific Luminaire Index

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:229.3V I:0.2250A P:50.20W PF:0.9700 Lamp Flux:7966.18x1 lm		
NAME: SL 050 STD LM 50 50 8 T3M	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:



Classification:

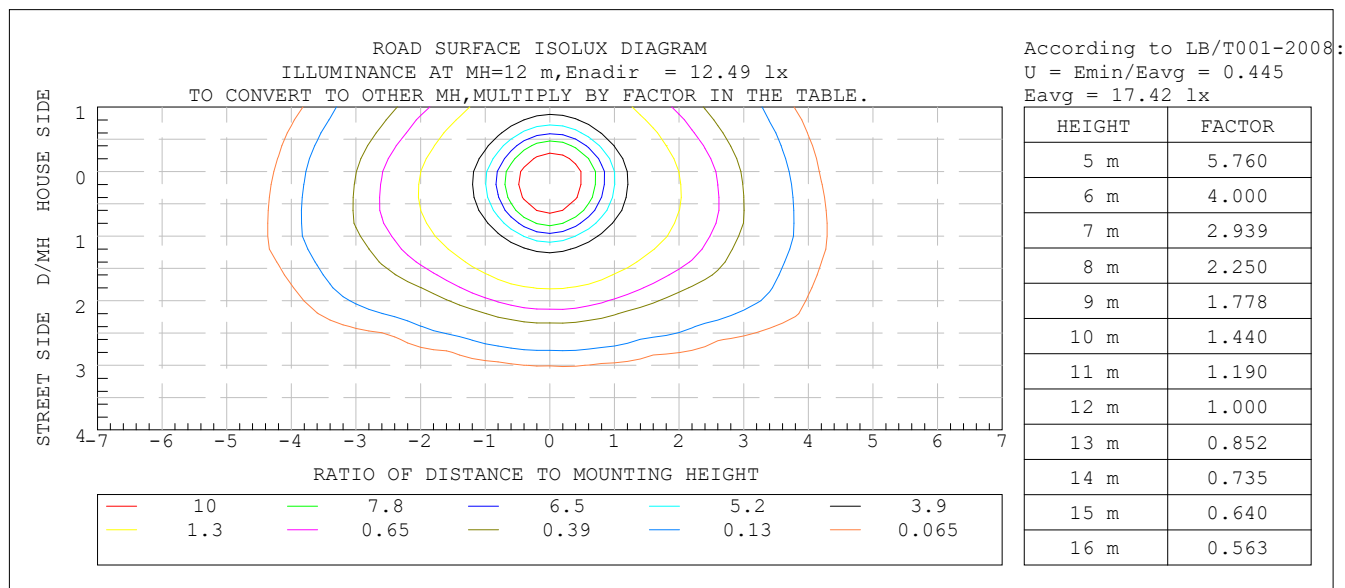
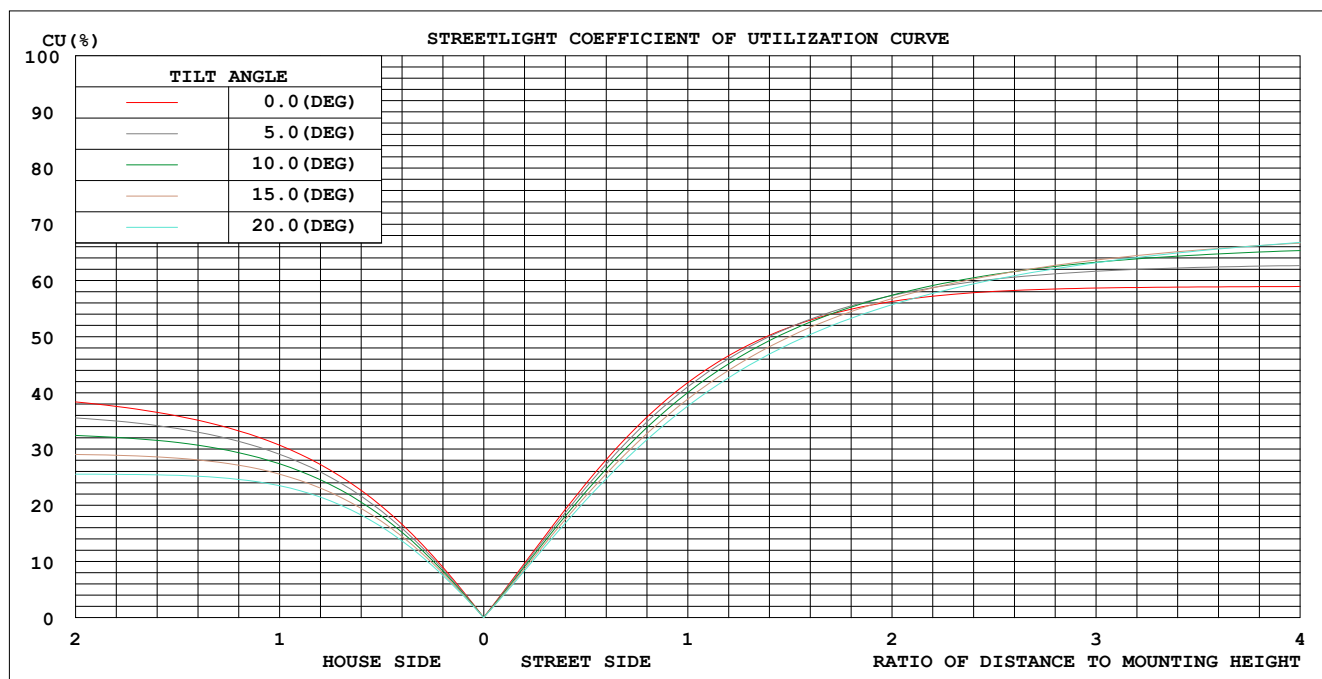
IES:Type III - Very Short
 CIE:Average - Short
 IES:Cut-off
 CIE:Semi-cut-off
 Max.At80:56.33cd/klm
 Max.At90:0.9907cd/klm
 Max.80-90:56.33cd/klm
 NRB 5101:Semi limited[15.3%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	2495
90%	2246
80%	1996
70%	1747
60%	1497
50%	1248
40%	998
30%	749
20%	499
10%	250
5%	125

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2025-06-14

gamma Range: 0 - 90DEG
 gamma Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.265
 Humidity:65.0%
 Test Distance:16.500m [K=1.0000]
 Remarks:

COEFFICIENT OF UTILIZATION CURVE AND ISOLUX DIAGRAM



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2025-06-14

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.265
 Humidity: 65.0%
 Test Distance: 16.500m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

Test:U:229.3V I:0.2250A P:50.20W PF:0.9700 Lamp Flux:7966.18x1 lm		
NAME: SL 050 STD LM 50 50 8 T3M	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

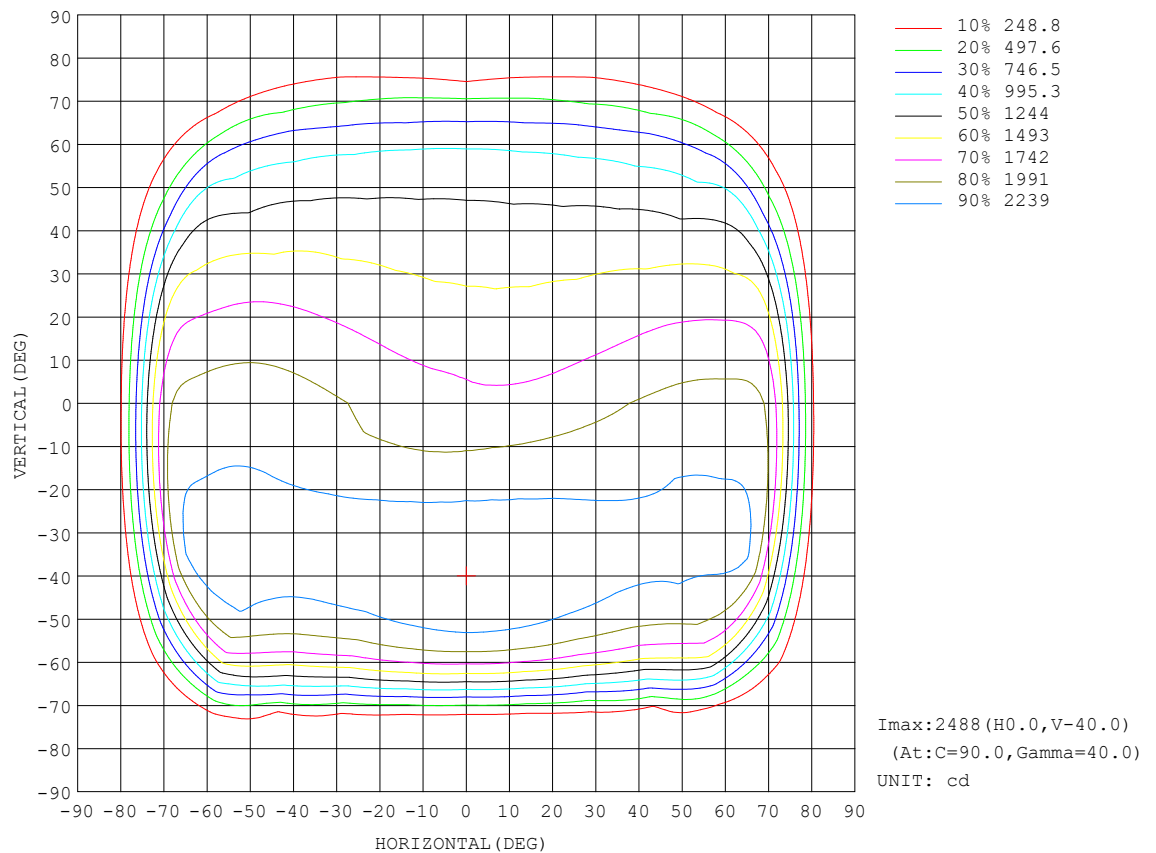
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	1816	1922	1977	1930	1833	1737	1697	1729	0- 10	173.8	173.8	2.18,2.18
20	1848	2071	2189	2095	1893	1680	1583	1660	10- 20	525.7	699.5	8.78,8.78
30	1902	2226	2394	2261	1979	1615	1463	1583	20- 30	882.0	1581	19.9,19.9
40	1973	2323	2495	2367	2057	1519	1341	1485	30- 40	1219	2800	35.2,35.2
50	2036	2288	2360	2349	2098	1376	1197	1347	40- 50	1487	4287	53.8,53.8
60	2050	2026	1785	2122	2072	1139	969.1	1120	50- 60	1603	5891	73.9,73.9
70	1891	1114	488.0	1290	1819	749.5	534.6	748.1	60- 70	1407	7298	91.6,91.6
80	284.5	70.13	51.06	76.96	230.6	117.4	50.00	116.8	70- 80	627.1	7925	99.5,99.5
90	7.892	4.948	4.682	4.802	7.559	5.716	3.777	6.481	80- 90	41.24	7966	100,100
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:cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2025-06-14

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.265
 Humidity:65.0%
 Test Distance:16.500m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

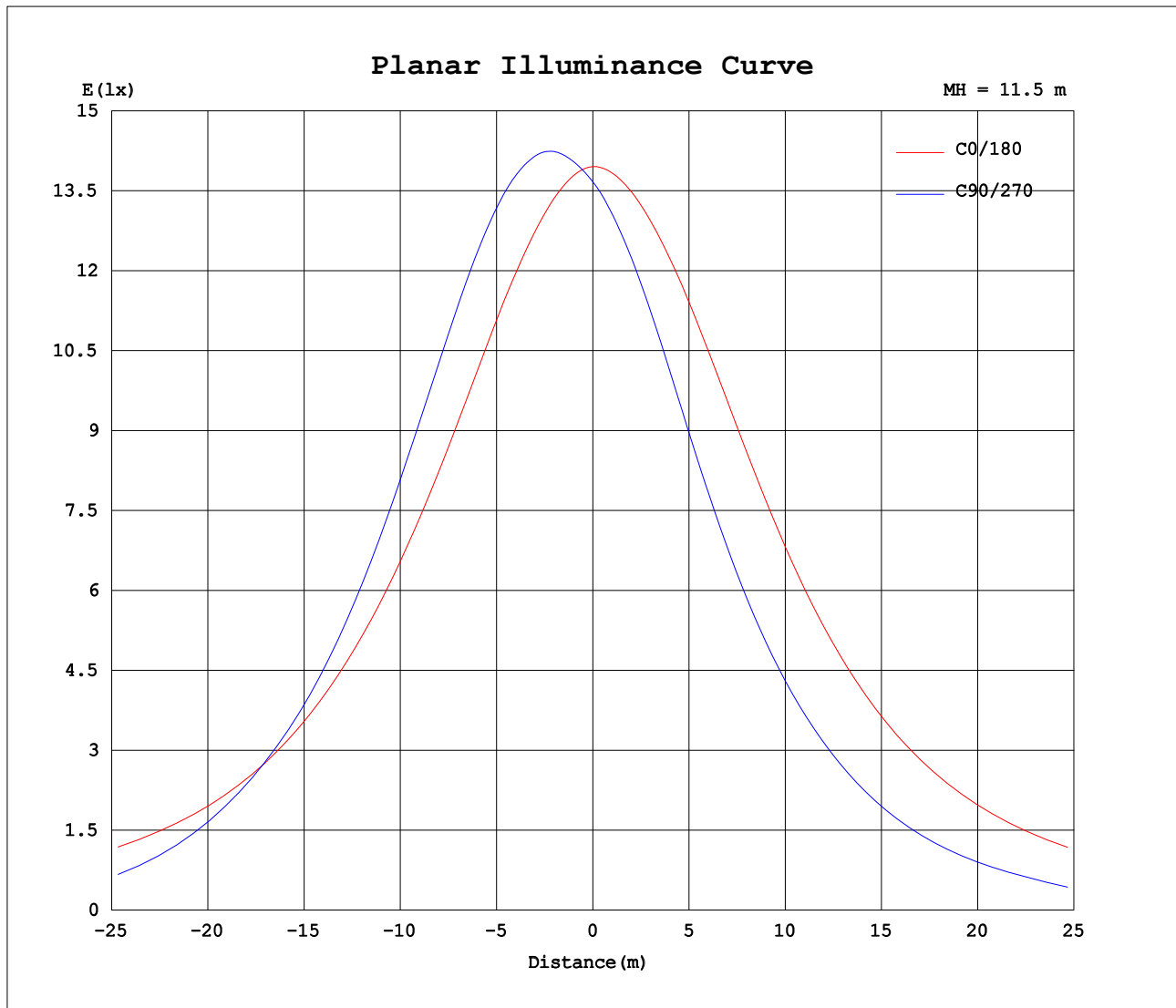
Test:U:229.3V I:0.2250A P:50.20W PF:0.9700 Lamp Flux:7966.18x1 lm		
NAME: SL 050 STD LM 50 50 8 T3M	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:190*190MM	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2025-06-14

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:16.500m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2025-06-14

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.265
Humidity: 65.0%
Test Distance: 16.500m [K=1.0000]
Remarks:

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γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:16.500m [K=1.0000]
Remarks:

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γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:16.500m [K=1.0000]
Remarks:

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