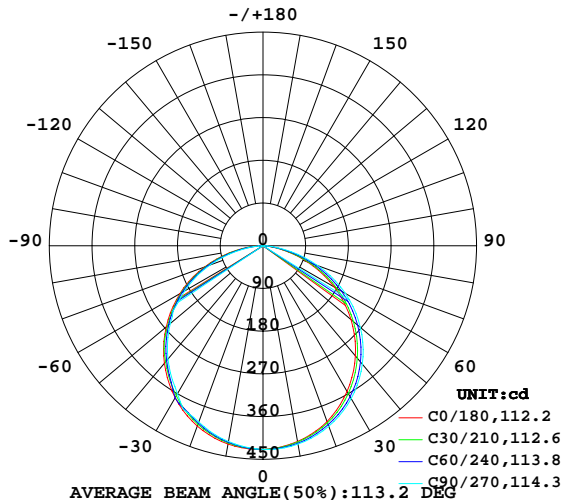


LUMINAIRE PHOTOMETRIC TEST REPORT

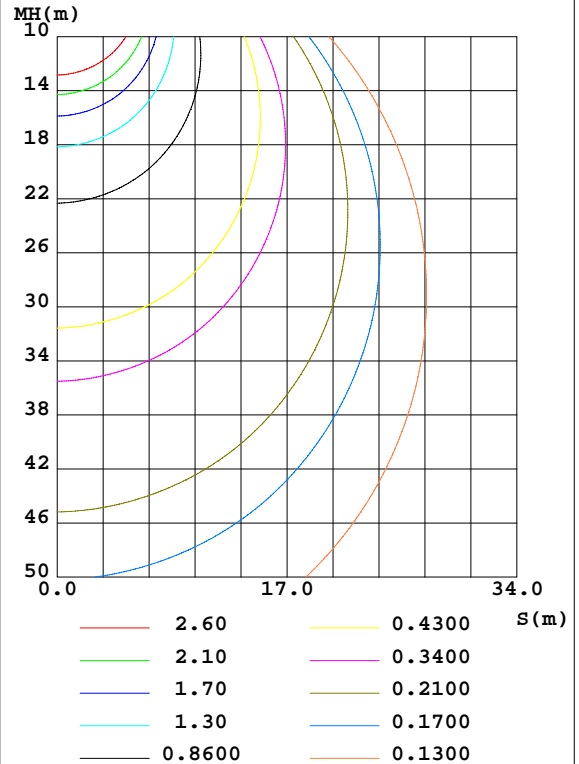
Test:U:239.98V I:0.0932A P:21.811W PF:0.9753 Freq:0Hz Lamp Flux:1231.34x1 lm		
NAME: Linus 20W	TYPE:Tracklight	WEIGHT:
SPEC.:	DIM.: 635*34*29	SERIAL No.:
MFR.: Electroline	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 56.45 lm/W			
MODEL	OCL-0967-60	Imax(cd)	429.6	S/MH(C0/180)	1.28
NOMINAL POWER(W)	20	LOR(%)	100.0	S/MH(C90/270)	1.25
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	1231.3	η UP,DN(C0-180)	0.0,50.2
NOMINAL FLUX(lm)	1231.34	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,49.7
LAMPS INSIDE	1	η up(%)	0.1	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)		η down(%)	99.9	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:
Test Date:26 May 2020

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.366
Humidity:50%
Test Distance:2.500m [K=1.0300]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	418.9	421.6	424.3	424.9	424.2	421.3	418.9	417.9	0- 10	40.60	40.60	3.3,3.3
20	394.2	399.5	404.8	405.9	404.4	399.4	395.3	393.6	10- 20	116.4	157.0	12.7,12.7
30	354.2	363.7	371.6	372.4	369.9	365.8	360.3	356.7	20- 30	177.0	333.9	27.1,27.1
40	302.9	314.5	325.5	326.1	323.0	318.5	311.6	308.0	30- 40	213.6	547.6	44.5,44.5
50	242.2	254.6	268.0	268.7	266.2	260.9	254.9	247.3	40- 50	222.2	769.8	62.5,62.5
60	173.2	185.3	200.2	202.1	202.2	197.9	191.0	181.7	50- 60	201.7	971.5	78.9,78.9
70	99.31	109.0	123.2	128.0	131.2	126.2	118.2	108.0	60- 70	153.7	1125	91.4,91.4
80	30.53	35.35	45.59	52.93	58.30	53.36	44.77	36.72	70- 80	85.07	1210	98.3,98.3
90	0.2884	0.1697	0.1172	1.701	4.895	2.676	0.4008	0.6038	80- 90	20.06	1230	99.9,99.9
100	0.0614	0.0603	0.0509	0.0546	0.0709	0.0872	0.0767	0.0984	90-100	0.2306	1231	99.9,99.9
110	0.0860	0.0844	0.0745	0.0716	0.0895	0.0884	0.0908	0.0986	100-110	0.0832	1231	99.9,99.9
120	0.1140	0.1106	0.1062	0.0962	0.1163	0.0894	0.1185	0.1259	110-120	0.0974	1231	100,100
130	0.1461	0.1467	0.1511	0.1342	0.1623	0.1517	0.1581	0.1728	120-130	0.1187	1231	100,100
140	0.1779	0.1798	0.1838	0.1712	0.2155	0.2076	0.2056	0.2307	130-140	0.1359	1231	100,100
150	0.1946	0.1951	0.2004	0.1928	0.2709	0.2736	0.2609	0.2900	140-150	0.1349	1231	100,100
160	0.1937	0.2136	0.2212	0.2064	0.2929	0.2897	0.2948	0.3120	150-160	0.1126	1231	100,100
170	0.2157	0.2312	0.2401	0.2307	0.2932	0.2849	0.2976	0.3142	160-170	0.0728	1231	100,100
180	0.2629	0.2651	0.2790	0.2904	0.2712	0.2621	0.2768	0.2854	170-180	0.0257	1231	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 681.77 lm

%lum = 55.4%

%lamp = 55.4%

Conical surface Flux(120deg): 971.53 lm

%lum = 78.9%

%lamp = 78.9%

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:
 Test Date:26 May 2020

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.366
 Humidity:50%
 Test Distance:2.500m [K=1.0300]
 Remarks:

UGR(Unified Glare Rating) Table

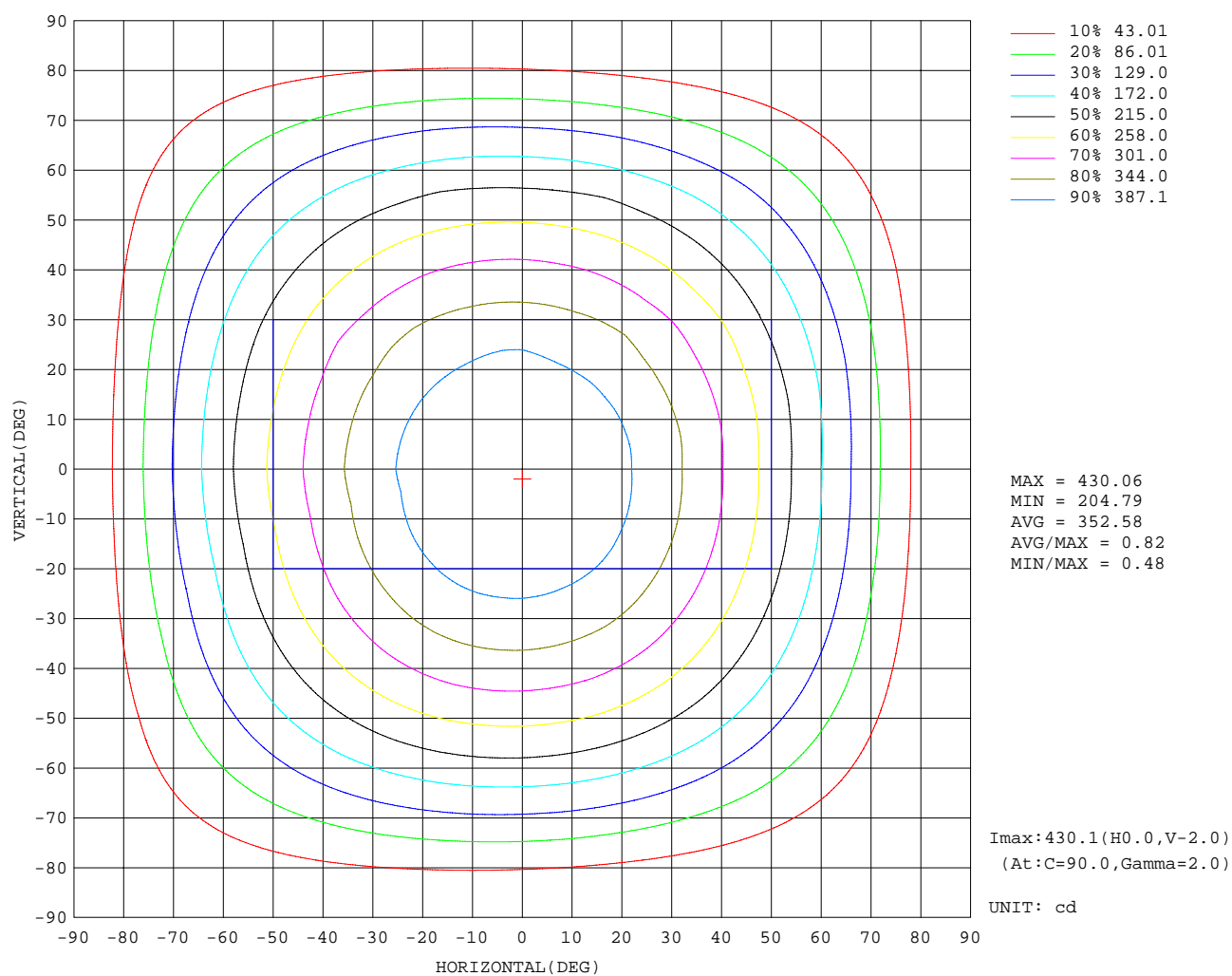
ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
x = 2H y = 2H	14.1	15.6	14.4	15.8	16.0	14.7	16.2	14.9	16.4	16.6
3H	15.4	16.8	15.7	17.0	17.3	16.2	17.6	16.5	17.8	18.1
4H	15.8	17.2	16.1	17.4	17.7	16.8	18.1	17.1	18.3	18.6
6H	16.0	17.3	16.4	17.6	17.8	17.1	18.4	17.4	18.6	18.9
8H	16.0	17.3	16.4	17.5	17.8	17.2	18.4	17.5	18.7	19.0
12H	16.0	17.2	16.4	17.5	17.8	17.2	18.3	17.5	18.6	18.9
4H 2H	14.7	16.1	15.0	16.3	16.6	15.2	16.5	15.5	16.8	17.0
3H	16.2	17.4	16.5	17.7	18.0	16.9	18.0	17.2	18.3	18.6
4H	16.7	17.8	17.1	18.1	18.5	17.5	18.6	17.9	18.9	19.3
6H	17.0	18.0	17.4	18.3	18.7	18.0	18.9	18.4	19.3	19.6
8H	17.1	17.9	17.5	18.3	18.7	18.1	19.0	18.5	19.3	19.7
12H	17.0	17.9	17.5	18.2	18.7	18.1	18.9	18.5	19.3	19.7
8H 4H	17.0	17.8	17.4	18.2	18.6	17.7	18.6	18.1	18.9	19.3
6H	17.3	18.1	17.8	18.5	18.9	18.2	19.0	18.7	19.4	19.8
8H	17.4	18.1	17.9	18.5	18.9	18.4	19.0	18.8	19.4	19.9
12H	17.4	18.0	17.9	18.4	18.9	18.4	19.0	18.9	19.5	19.9
12H 4H	17.0	17.8	17.4	18.2	18.6	17.7	18.5	18.1	18.9	19.3
6H	17.4	18.0	17.8	18.4	18.9	18.2	18.9	18.7	19.3	19.8
8H	17.4	18.0	17.9	18.5	18.9	18.4	18.9	18.9	19.4	19.9
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.2				
1.5H	+ 0.2 / - 0.4					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				

CIE Pub.117, 1231 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 0.7$)

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25DEG
Operators:
Test Date: 26 May 2020

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.366
Humidity: 50%
Test Distance: 2.500m [K=1.0300]
Remarks:

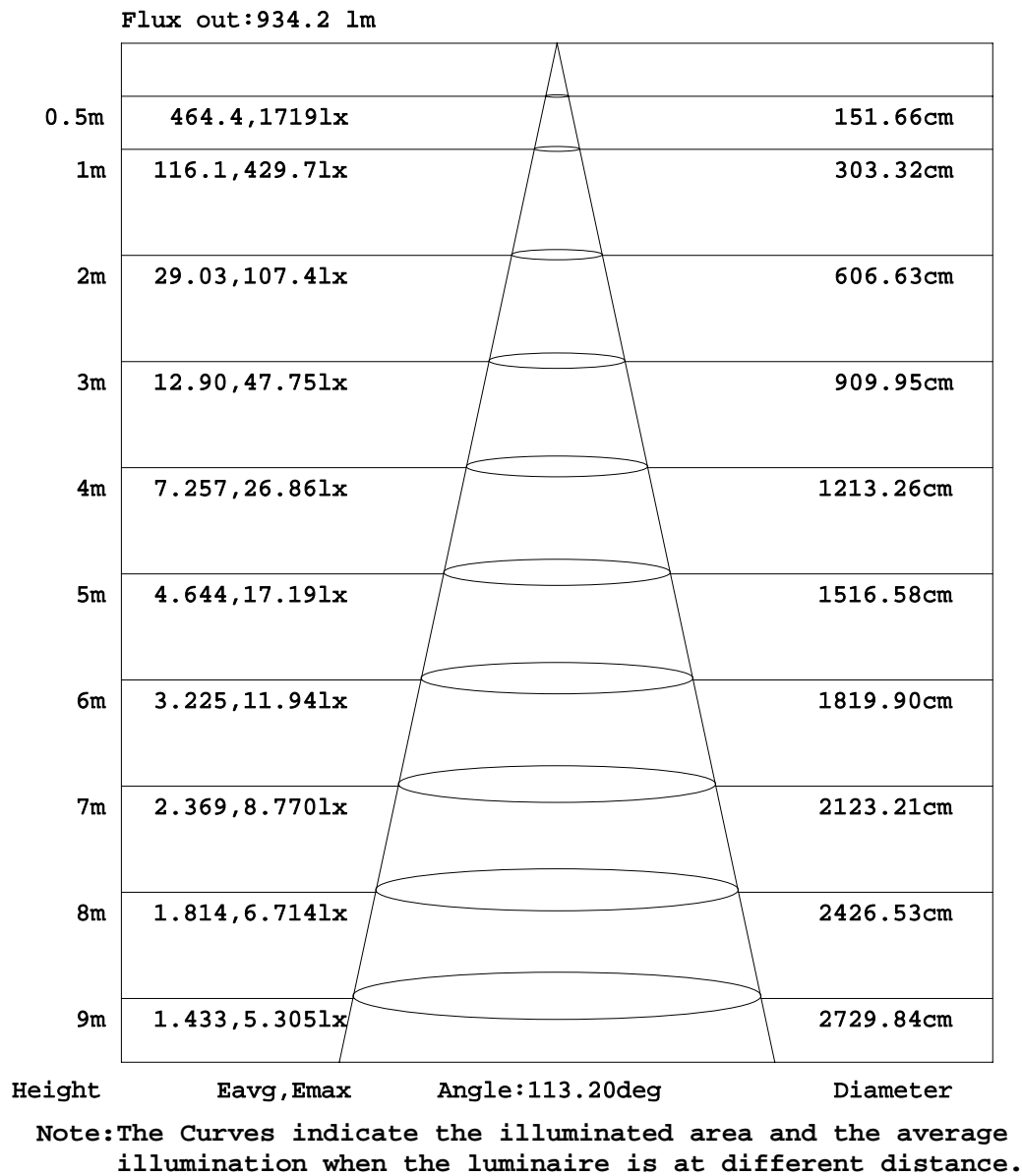
ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:
Test Date:26 May 2020

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.366
Humidity:50%
Test Distance:2.500m [K=1.0300]
Remarks:

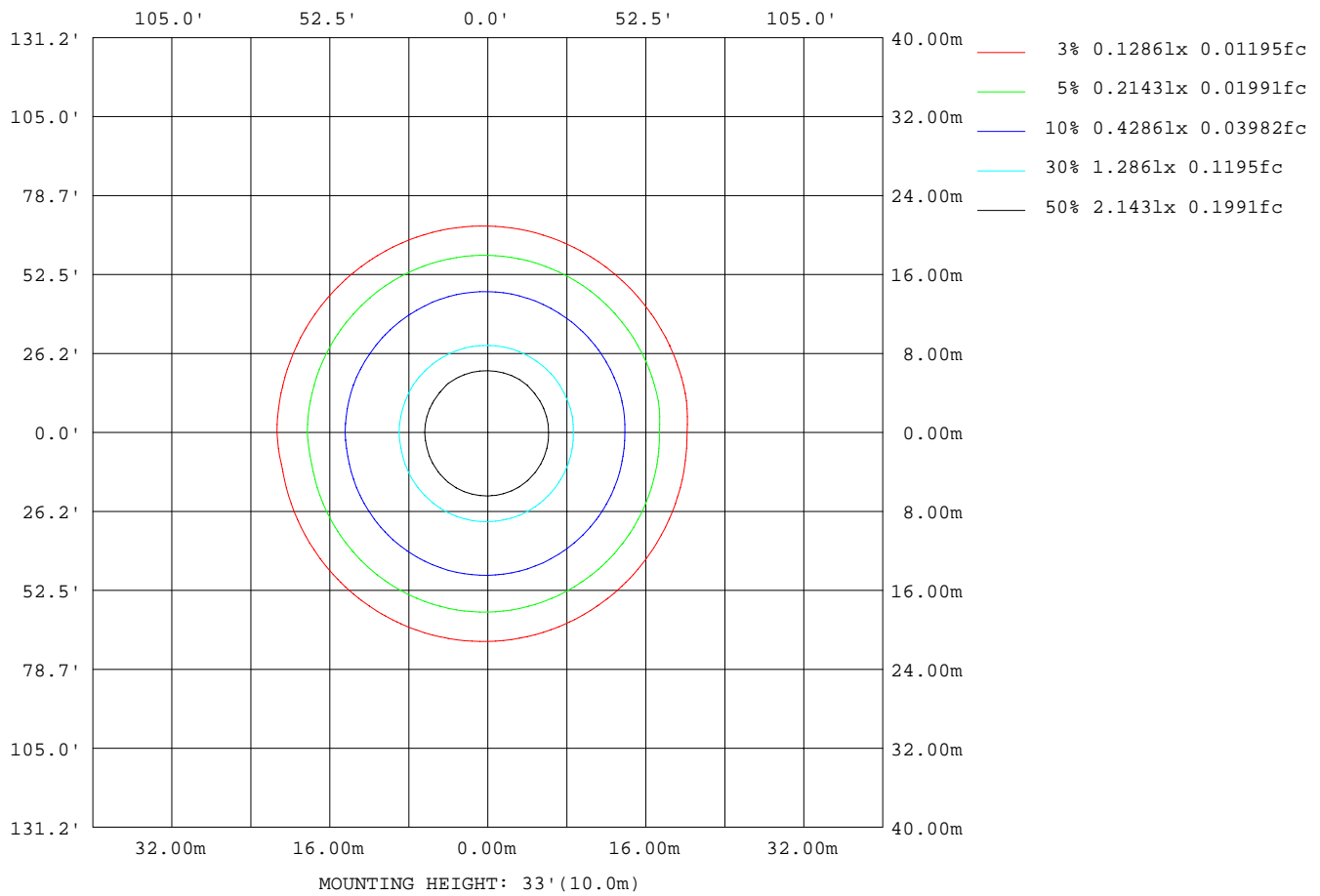
AAI Figure



C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature: 25DEG
 Operators:
 Test Date: 26 May 2020

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.366
 Humidity: 50%
 Test Distance: 2.500m [K=1.0300]
 Remarks:

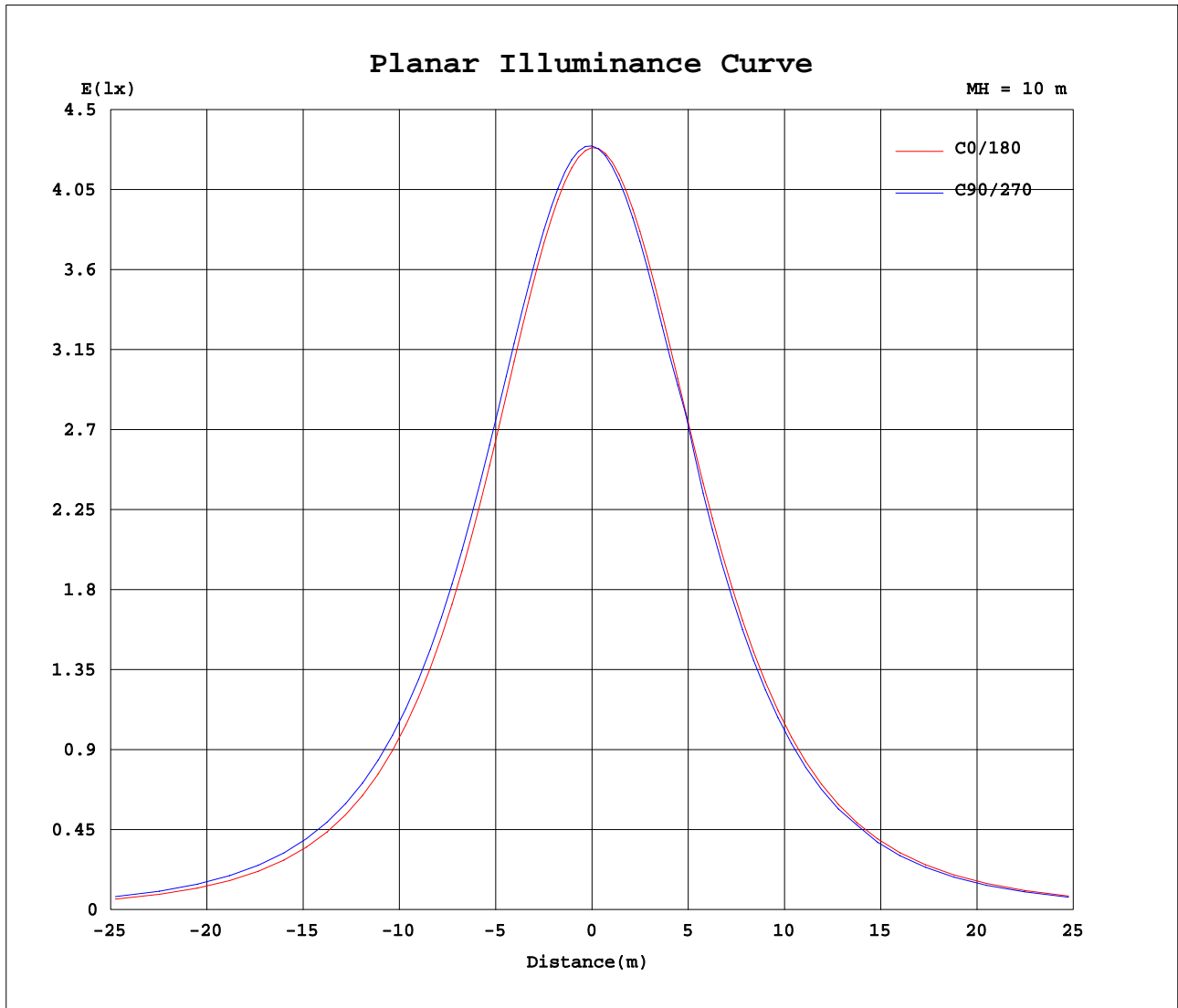
ISOLUX DIAGRAM



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25DEG
Operators:
Test Date: 26 May 2020

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.366
Humidity: 50%
Test Distance: 2.500m [K=1.0300]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25DEG
Operators:
Test Date: 26 May 2020

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.366
Humidity: 50%
Test Distance: 2.500m [K=1.0300]
Remarks: