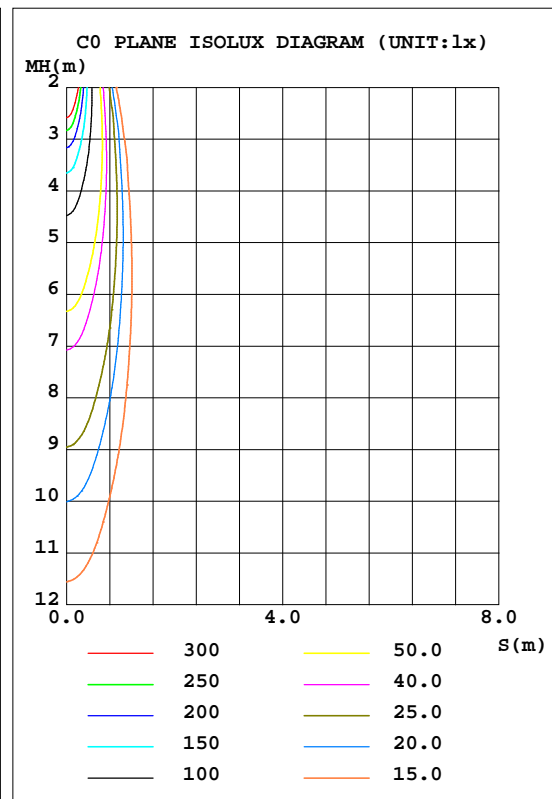
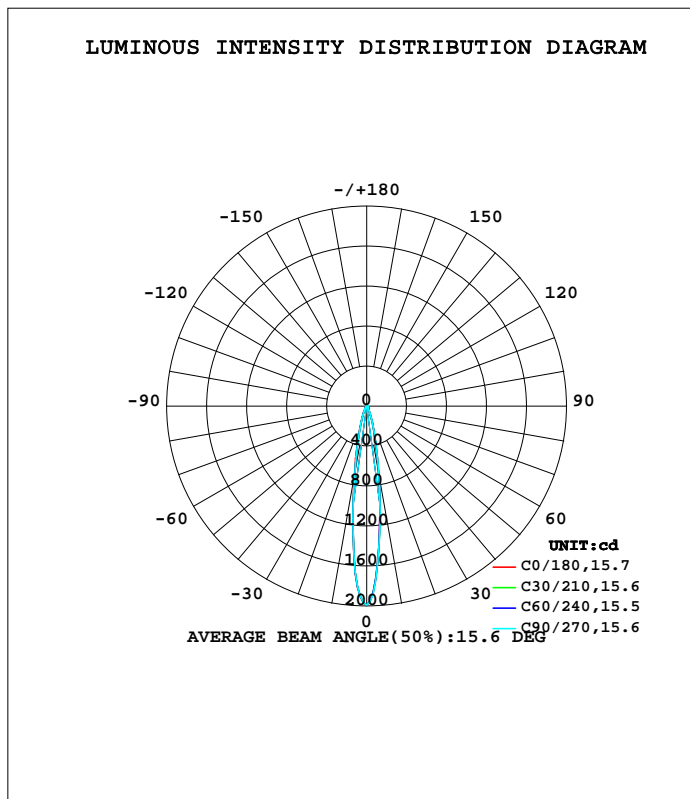


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:12.010V I:0.2906A P:2.3803W PF:0.6820 Freq:60.00Hz Lamp Flux:274.968x1 lm		
NAME: 486706-MR16-2W-3000K-15°	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:35mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 115.52 lm/W			
MODEL		I _{max} (cd)	1988	S/MH(C0/180)	0.27
NOMINAL POWER(W)	--	LOR(%)	100.0	S/MH(C90/270)	0.27
RATED VOLTAGE(V)	--	TOTAL FLUX(lm)	274.97	η UP,DN(C0-180)	0.0,49.4
NOMINAL FLUX(lm)	274.968	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,50.6
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	--	η down(%)	100.0	CIBSE SHR MAX	1.00



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2022-05-30

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-3000H_V1 SYSTEM V2.00.411
 Humidity:65.0%
 Test Distance:9.000m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	704.2	712.3	706.0	700.4	725.5	689.7	699.4	734.2	0- 10	113.7	113.7	41.4,41.4
20	151.7	151.5	155.2	148.8	161.6	145.6	155.5	142.0	10- 20	93.97	207.7	75.5,75.5
30	38.57	35.38	40.24	35.81	43.82	38.15	39.49	35.63	20- 30	36.24	243.9	88.7,88.7
40	13.06	12.03	13.01	12.52	13.78	13.74	13.12	12.92	30- 40	13.97	257.9	93.8,93.8
50	7.516	7.127	7.360	7.151	7.502	7.660	7.215	7.464	40- 50	7.490	265.4	96.5,96.5
60	4.535	4.338	4.022	4.385	4.501	4.496	4.053	4.457	50- 60	5.158	270.5	98.4,98.4
70	2.579	2.109	1.096	2.380	2.604	2.354	1.512	2.435	60- 70	3.188	273.7	99.6,99.6
80	0.9402	0.0407	0.0008	0.0807	0.9850	0.1014	0	0.1467	70- 80	1.148	274.9	100,100
90	0	0	0	0	0	0	0	0	80- 90	0.0894	275.0	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		

Conical surface Flux(90deg): 261.99 lm

%lum = 95.3%
%lamp = 95.3%

Conical surface Flux(120deg): 270.54 lm

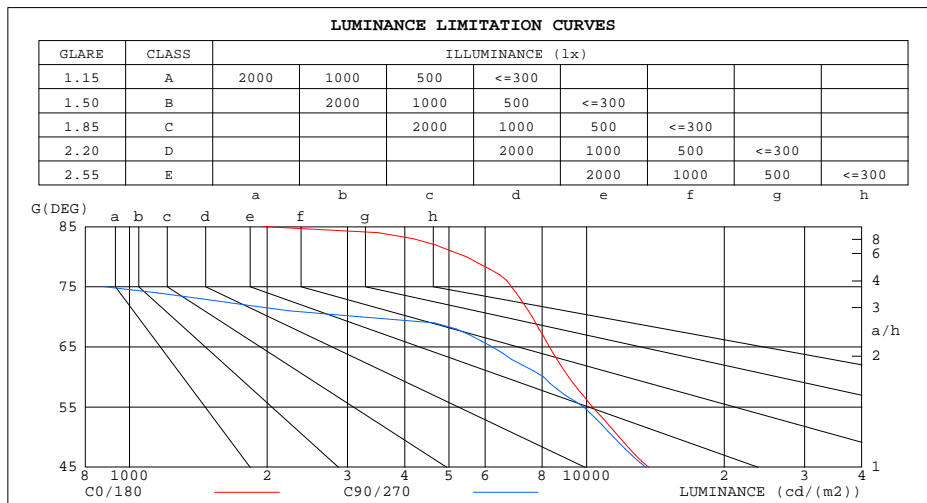
%lum = 98.4%
%lamp = 98.4%

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2022-05-30

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-3000H_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:9.000m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:12.010V I:0.2906A P:2.3803W PF:0.6820 Freq:60.00Hz Lamp Flux:274.968x1 lm		
NAME: 486706-MR16-2W-3000K-15°	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:35mm	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	1962	0
80	5457	4
75	6843	884
70	7601	3208
65	8299	6226
60	9141	8053
55	10315	9877
50	11785	11464
45	13667	13484

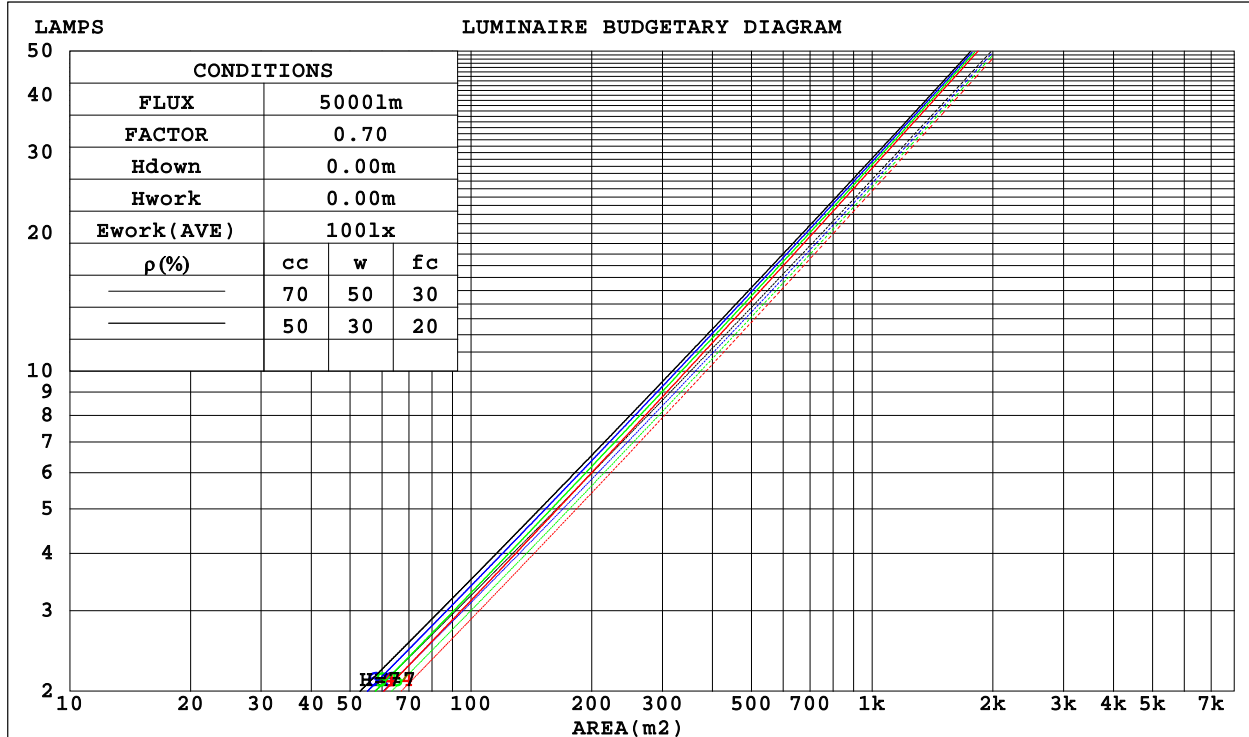
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2022-05-30

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-3000H_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:9.000m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:12.010V I:0.2906A P:2.3803W PF:0.6820 Freq:60.00Hz Lamp Flux:274.968x1 lm		
NAME: 486706-MR16-2W-3000K-15°	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:35mm	Shielding Angle:

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	.00
1.0	1.13	1.10	1.09	1.10	1.09	1.07	1.06	1.05	1.04	1.03	1.02	1.01	.99	.99	.98	.96
2.0	1.07	1.04	1.01	1.05	1.02	.00	1.02	.00	.98	.99	.97	.96	.96	.95	.94	.92
3.0	1.02	.98	.95	1.01	.97	.94	.98	.95	.93	.96	.93	.91	.94	.92	.90	.89
4.0	.98	.94	.90	.97	.93	.90	.95	.91	.89	.93	.90	.88	.91	.89	.87	.86
5.0	.94	.90	.87	.93	.89	.86	.92	.88	.85	.90	.87	.85	.89	.86	.84	.83
6.0	.91	.86	.83	.90	.86	.83	.89	.85	.82	.87	.84	.82	.86	.84	.81	.80
7.0	.88	.83	.80	.87	.83	.80	.86	.82	.80	.85	.82	.79	.84	.81	.79	.78
8.0	.85	.81	.78	.85	.81	.78	.84	.80	.78	.83	.80	.77	.82	.79	.77	.76
9.0	.83	.79	.76	.82	.78	.76	.82	.78	.75	.81	.78	.75	.80	.77	.75	.74
10.0	.81	.77	.74	.80	.76	.74	.80	.76	.74	.79	.76	.73	.78	.75	.73	.72



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2022-05-30

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-3000H_V1 SYSTEM V2.00.411
 Humidity:65.0%
 Test Distance:9.000m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:12.010V I:0.2906A P:2.3803W PF:0.6820 Freq:60.00Hz Lamp Flux:274.968x1 lm		
NAME: 486706-MR16-2W-3000K-15°	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:35mm	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.144	.082	.026	.138	.079	.025	.125	.072	.023	.114	.066	.021	.103	.060	.019	
2.0	.135	.074	.023	.129	.071	.022	.119	.066	.021	.109	.061	.019	.101	.057	.018	
3.0	.125	.067	.020	.121	.065	.019	.112	.061	.018	.104	.057	.018	.097	.054	.017	
4.0	.117	.061	.018	.113	.059	.018	.106	.056	.017	.099	.053	.016	.093	.050	.015	
5.0	.110	.056	.016	.106	.055	.016	.100	.052	.015	.094	.050	.015	.089	.048	.014	
6.0	.103	.052	.015	.100	.051	.015	.095	.049	.014	.090	.047	.014	.085	.045	.013	
7.0	.098	.048	.014	.095	.047	.014	.090	.046	.013	.086	.044	.013	.082	.043	.013	
8.0	.093	.045	.013	.090	.044	.013	.086	.043	.012	.082	.042	.012	.079	.040	.012	
9.0	.088	.043	.012	.086	.042	.012	.082	.041	.012	.079	.040	.011	.076	.039	.011	
10.0	.084	.040	.011	.082	.040	.011	.079	.039	.011	.076	.038	.011	.073	.037	.011	

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.169	.158	.147	.144	.135	.127	.099	.093	.088	.057	.054	.051	.018	.017	.017	
2.0	.151	.133	.117	.130	.114	.101	.089	.079	.071	.051	.046	.041	.016	.015	.013	
3.0	.137	.113	.095	.117	.098	.082	.080	.068	.058	.046	.040	.034	.015	.013	.011	
4.0	.124	.098	.078	.107	.085	.068	.073	.059	.048	.042	.035	.028	.014	.011	.009	
5.0	.114	.086	.065	.098	.074	.057	.067	.052	.040	.039	.030	.024	.013	.010	.008	
6.0	.105	.076	.055	.090	.066	.048	.062	.046	.034	.036	.027	.020	.012	.009	.007	
7.0	.097	.068	.047	.084	.059	.041	.058	.041	.029	.034	.024	.017	.011	.008	.006	
8.0	.091	.061	.041	.078	.053	.035	.054	.037	.025	.031	.022	.015	.010	.007	.005	
9.0	.085	.055	.035	.073	.048	.031	.051	.034	.022	.029	.020	.013	.010	.007	.004	
10.0	.080	.050	.031	.069	.044	.027	.048	.031	.019	.028	.018	.011	.009	.006	.004	

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2022-05-30

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-3000H_V1 SYSTEM V2.00.411
 Humidity:65.0%
 Test Distance:9.000m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:12.010V I:0.2906A P:2.3803W PF:0.6820 Freq:60.00Hz Lamp Flux:274.968x1 lm										
NAME: 486706-MR16-2W-3000K-15°					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.:					SUR.:35mm			Shielding Angle:		
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	14.3	15.0	14.5	15.2	15.3	14.1	14.8	14.3	14.9	15.1
3H	15.3	16.0	15.6	16.1	16.3	14.5	15.1	14.7	15.3	15.5
4H	15.7	16.3	16.0	16.5	16.7	14.4	15.0	14.7	15.2	15.4
6H	16.0	16.5	16.3	16.8	17.0	14.3	14.9	14.6	15.1	15.4
8H	16.0	16.6	16.3	16.8	17.1	14.3	14.8	14.6	15.1	15.3
12H	16.0	16.5	16.3	16.8	17.1	14.2	14.8	14.5	15.0	15.3
4H 2H	14.7	15.3	14.9	15.5	15.7	14.5	15.1	14.7	15.3	15.5
3H	15.8	16.4	16.1	16.6	16.9	14.9	15.4	15.2	15.7	16.0
4H	16.3	16.8	16.7	17.1	17.4	14.8	15.3	15.2	15.6	15.9
6H	16.6	17.1	17.0	17.4	17.7	14.7	15.2	15.1	15.5	15.8
8H	16.7	17.1	17.1	17.5	17.8	14.7	15.1	15.0	15.4	15.8
12H	16.7	17.1	17.1	17.4	17.8	14.6	15.0	15.0	15.3	15.7
8H 4H	16.3	16.7	16.6	17.0	17.4	14.8	15.2	15.2	15.6	15.9
6H	16.6	16.9	17.0	17.3	17.7	14.7	15.1	15.1	15.4	15.9
8H	16.7	17.0	17.1	17.4	17.8	14.7	15.0	15.1	15.4	15.8
12H	16.6	16.9	17.1	17.3	17.8	14.6	14.8	15.1	15.3	15.8
12H 4H	16.2	16.6	16.6	17.0	17.3	14.8	15.2	15.2	15.5	15.9
6H	16.5	16.8	17.0	17.2	17.7	14.7	15.0	15.1	15.4	15.8
8H	16.6	16.9	17.1	17.3	17.8	14.6	14.9	15.1	15.3	15.8
Variations with the observer position at spacings:										
S = 1.0H	+ 0.5 / - 0.6					+ 0.8 / - 0.9				
1.5H	+ 0.7 / - 0.3					+ 1.3 / - 0.7				
2.0H	+ 0.6 / - 0.6					+ 1.0 / - 1.0				

CIE Pub.117, 275.0 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = -4.5)
Area: 0.001 m2

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2022-05-30

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-3000H_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:9.000m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:12.010V I:0.2906A P:2.3803W PF:0.6820 Freq:60.00Hz Lamp Flux:274.968x1 lm		
NAME: 486706-MR16-2W-3000K-15°	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:35mm	Shielding Angle:

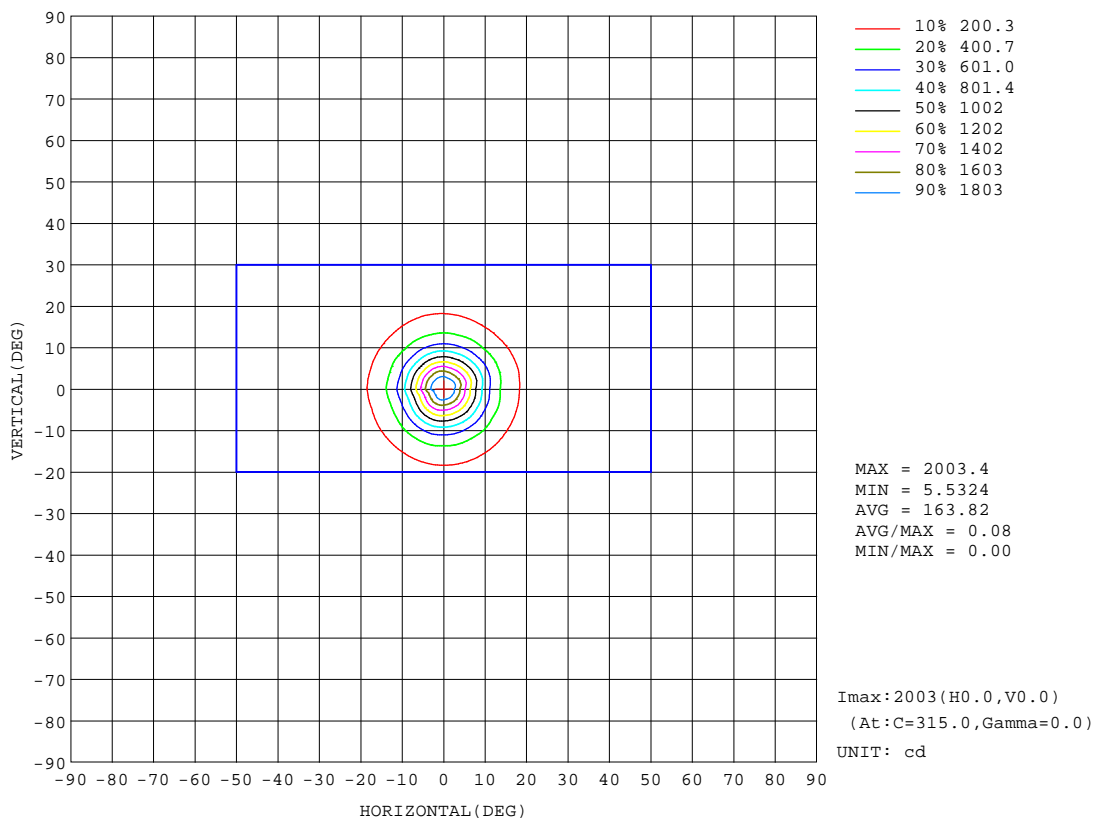
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	88	81	78	87	81	78	86	81	77	74
0.80	95	89	86	94	89	85	93	88	85	81
1.00	99	94	90	98	93	90	97	93	89	85
1.25	103	98	95	102	97	94	100	96	93	89
1.50	106	101	98	105	100	97	102	99	96	92
2.00	109	104	101	107	103	100	104	101	99	94
2.50	110	106	103	109	105	103	106	103	101	95
3.00	112	108	106	110	107	105	107	104	102	96
4.00	114	111	109	112	109	108	108	106	105	98
5.00	115	113	111	113	111	109	109	108	106	99
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2022-05-30

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-3000H_V1 SYSTEM V2.00.411
 Humidity:65.0%
 Test Distance:9.000m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:12.010V I:0.2906A P:2.3803W PF:0.6820 Freq:60.00Hz Lamp Flux:274.968x1 lm		
NAME: 486706-MR16-2W-3000K-15°	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:35mm	Shielding Angle:



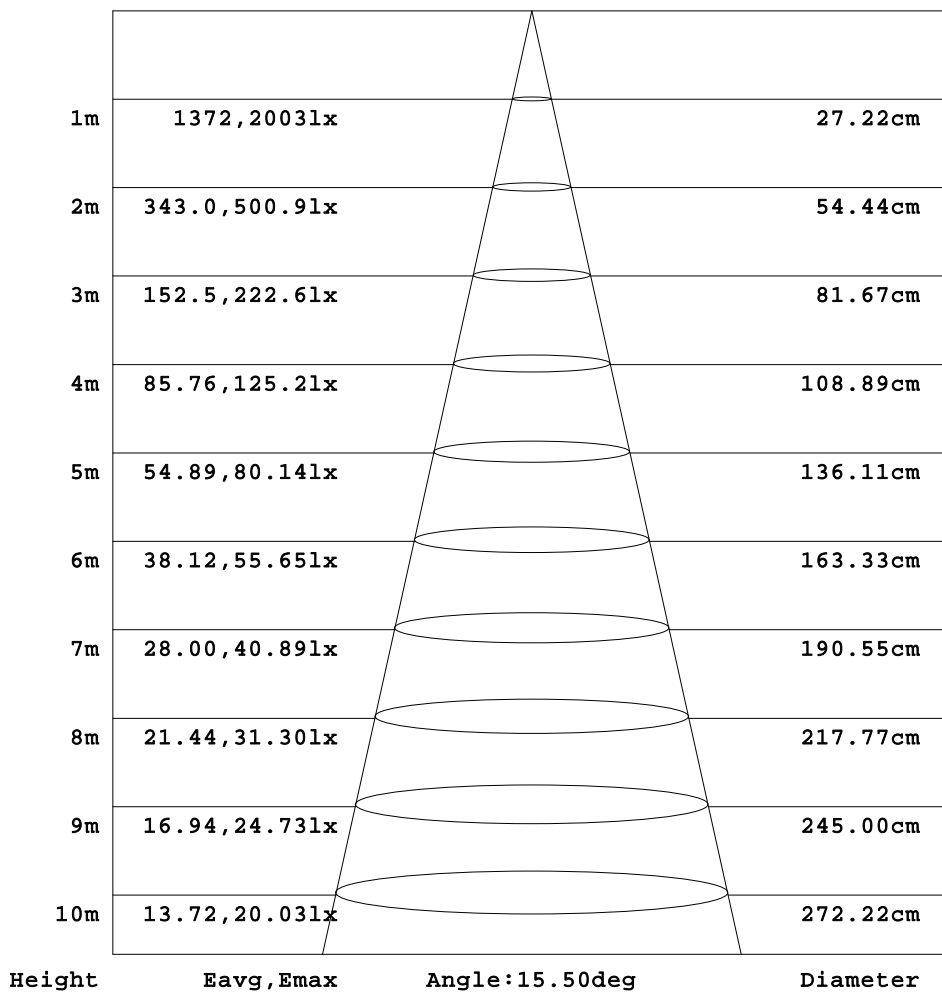
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2022-05-30

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-3000H_V1 SYSTEM V2.00.411
 Humidity:65.0%
 Test Distance:9.000m [K=1.0000]
 Remarks:

AAI Figure

Test:U:12.010V I:0.2906A P:2.3803W PF:0.6820 Freq:60.00Hz Lamp Flux:274.968x1 lm		
NAME: 486706-MR16-2W-3000K-15°	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:35mm	Shielding Angle:

Flux out:85.14 lm



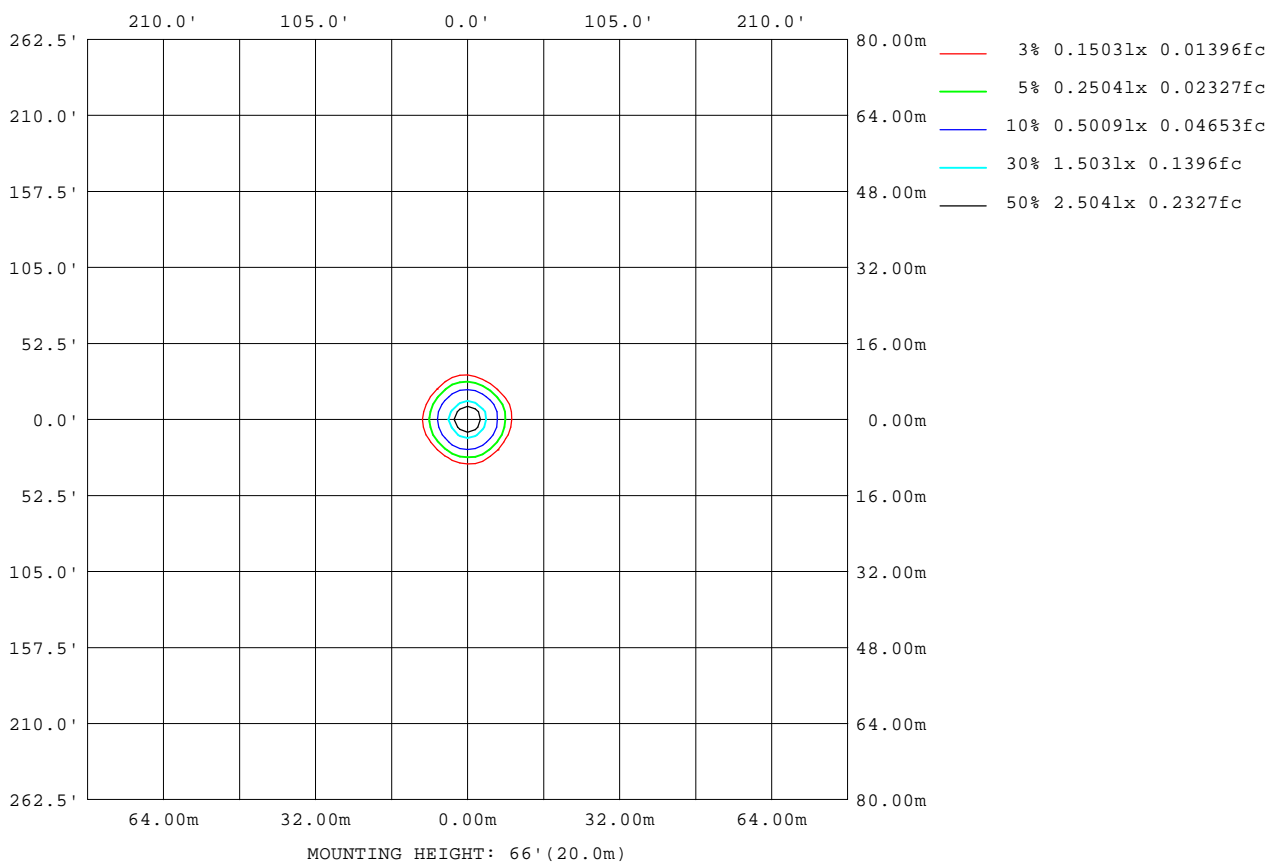
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2022-05-30

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-3000H_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:9.000m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

Test:U:12.010V I:0.2906A P:2.3803W PF:0.6820 Freq:60.00Hz Lamp Flux:274.968x1 lm		
NAME: 486706-MR16-2W-3000K-15°	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:35mm	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2022-05-30

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-3000H_V1 SYSTEM V2.00.411
 Humidity: 65.0%
 Test Distance: 9.000m [K=1.0000]
 Remarks:

LED Avg.L Report

Test:U:12.010V I:0.2906A P:2.3803W PF:0.6820 Freq:60.00Hz Lamp Flux:274.968x1 lm		
NAME: 486706-MR16-2W-3000K-15°	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:35mm	Shielding Angle:

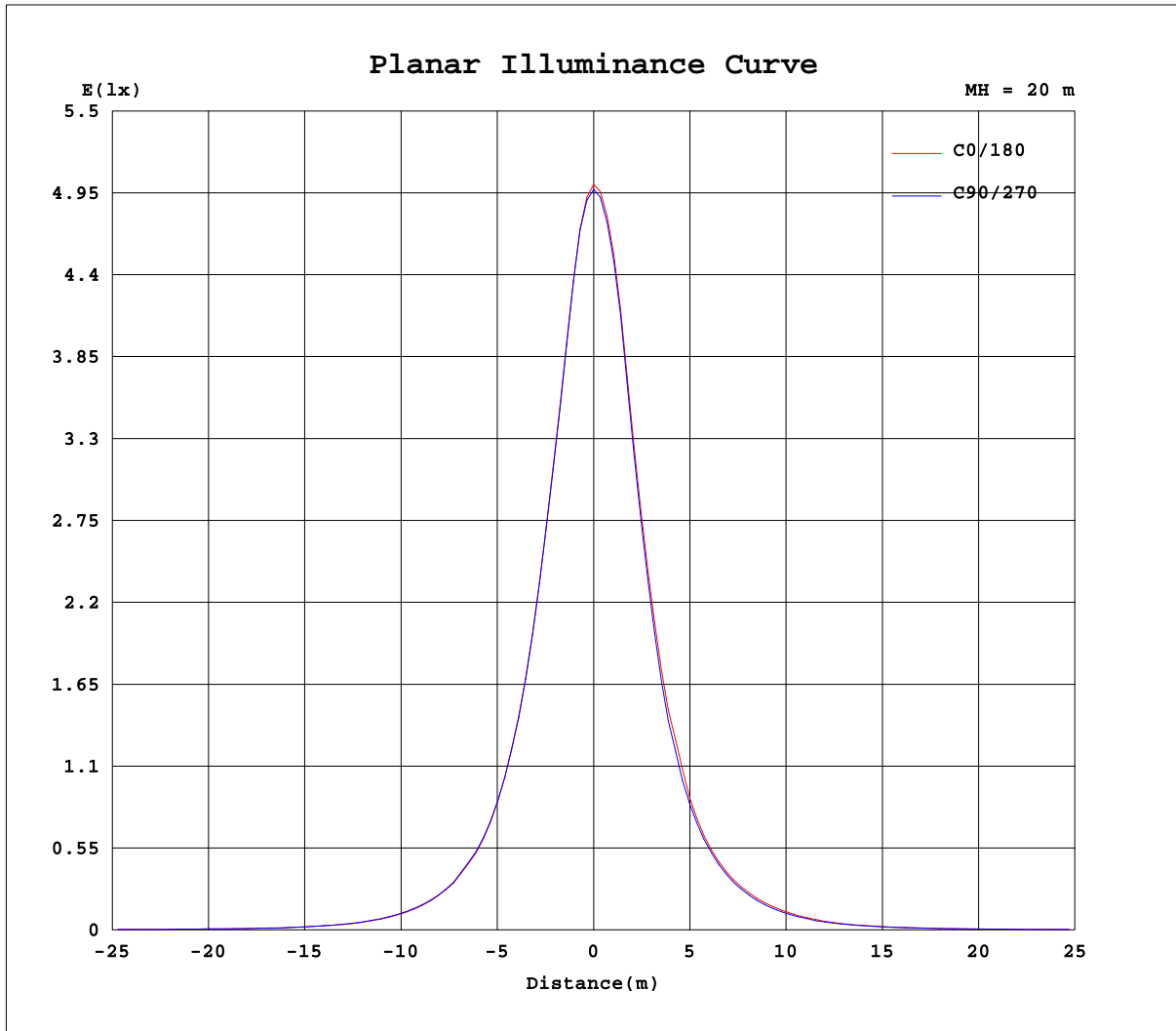
AvgL	cd/m2
L_0~180(65)av	8233
L_0~180(75)av	6857
L_0~180(85)av	2106
L_90~270(65)av	6247
L_90~270(75)av	1021
L_90~270(85)av	0
L_45(65)av	7956
L_45(75)av	3857
L_45(85)av	0

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2022-05-30

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-3000H_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:9.000m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2022-05-30

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-3000H_V1 SYSTEM V2.00.411
 Humidity: 65.0%
 Test Distance: 9.000m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:12.010V I:0.2906A P:2.3803W PF:0.6820 Freq:60.00Hz Lamp Flux:274.968x1 lm		
NAME: 486706-MR16-2W-3000K-15°	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:35mm	Shielding Angle:

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	1988	1988	1988	1988	1988	1988	1988	1988	1988	1988	1988	1988	1988	1988	1988	1988	1988	1988	1988
5	1414	1425	1413	1419	1405	1409	1415	1440	1444	1434	1410	1400	1494	1471	1486	1472	1495	1494	1485
10	704	715	707	712	703	703	706	718	710	700	680	674	725	704	703	690	699	698	699
15	319	330	321	330	320	327	324	333	322	322	310	312	332	318	321	310	318	314	320
20	152	152	146	152	151	159	155	156	146	149	149	155	162	151	152	146	154	155	155
25	75.9	72.7	68.4	71.3	73.5	81.5	78.3	74.9	69.8	71.1	73.3	81.7	84.1	75.2	74.5	71.7	77.6	80.8	78.6
30	38.6	36.2	35.0	35.4	37.5	41.5	40.2	37.5	36.1	35.8	38.0	42.2	43.8	39.7	38.2	38.2	39.4	41.8	39.5
35	21.2	19.9	19.7	19.5	20.7	21.3	22.0	20.8	20.6	20.2	21.4	22.3	23.3	22.6	22.1	22.4	22.6	23.3	22.0
40	13.1	12.5	12.1	12.0	12.4	12.8	13.0	12.8	12.6	12.5	12.9	13.4	13.8	13.6	13.7	13.7	13.8	13.8	13.1
45	9.59	9.23	8.99	8.90	9.10	9.34	9.52	9.45	9.31	9.18	9.39	9.71	9.79	9.79	9.92	10.0	9.98	9.83	9.40
50	7.52	7.29	7.18	7.13	7.20	7.26	7.36	7.30	7.24	7.15	7.26	7.48	7.50	7.51	7.57	7.66	7.65	7.46	7.21
55	5.87	5.75	5.65	5.60	5.60	5.57	5.66	5.64	5.65	5.61	5.69	5.79	5.81	5.86	5.83	5.89	5.83	5.64	5.49
60	4.53	4.49	4.44	4.34	4.19	3.96	4.02	4.13	4.36	4.39	4.45	4.49	4.50	4.55	4.48	4.50	4.41	4.21	4.05
65	3.48	3.47	3.42	3.26	2.89	2.63	2.63	2.76	3.18	3.36	3.43	3.47	3.48	3.51	3.44	3.42	3.20	2.80	2.65
70	2.58	2.58	2.50	2.11	1.73	1.27	1.10	1.50	1.90	2.38	2.54	2.58	2.60	2.62	2.54	2.35	1.88	1.60	1.51
75	1.76	1.74	1.54	0.66	0.31	0.24	0.23	0.26	0.39	1.08	1.69	1.77	1.79	1.80	1.65	1.05	0.42	0.32	0.30
80	0.94	0.90	0.24	0.04	0.00	0.00	0.00	0.00	0.00	0.08	0.43	0.92	0.99	0.96	0.29	0.10	0.00	0.00	0.00
85	0.17	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.20	0.04	0.00	0.00	0.00	0.00	0.00
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

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2022-05-30

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-3000H_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:9.000m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:12.010V I:0.2906A P:2.3803W PF:0.6820 Freq:60.00Hz Lamp Flux:274.968x1 lm		
NAME: 486706-MR16-2W-3000K-15°	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:35mm	Shielding Angle:

Table--2

UNIT: cd

C(DEG) γ (DEG)	285	300	315	330	345															
0	1988	1988	1988	1988	1988															
5	1461	1469	1487	1514	1519															
10	698	711	734	767	776															
15	312	319	323	345	350															
20	144	142	142	156	163															
25	69.5	67.7	67.7	75.2	81.8															
30	36.2	34.3	35.6	38.1	42.2															
35	20.8	19.8	20.7	21.6	23.4															
40	12.6	12.4	12.9	13.6	14.2															
45	9.11	9.18	9.59	10.09	10.5															
50	7.04	7.14	7.46	7.86	8.12															
55	5.41	5.54	5.78	6.10	6.30															
60	4.09	4.28	4.46	4.66	4.78															
65	2.81	3.17	3.40	3.54	3.61															
70	1.61	1.92	2.43	2.61	2.68															
75	0.32	0.46	1.21	1.77	1.86															
80	0.00	0.01	0.15	0.73	1.03															
85	0.00	0.00	0.00	0.00	0.26															
90	0.00	0.00	0.00	0.00	0.00															

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2022-05-30

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-3000H_V1 SYSTEM V2.00.411
 Humidity:65.0%
 Test Distance:9.000m [K=1.0000]
 Remarks: