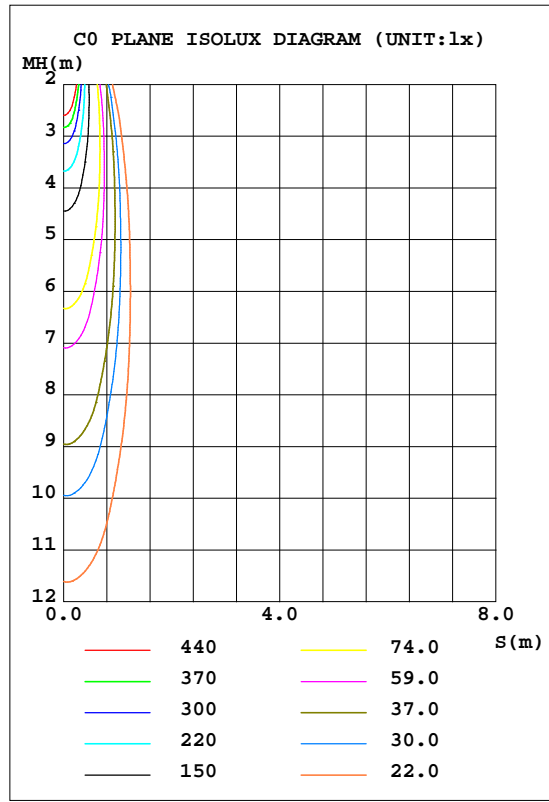
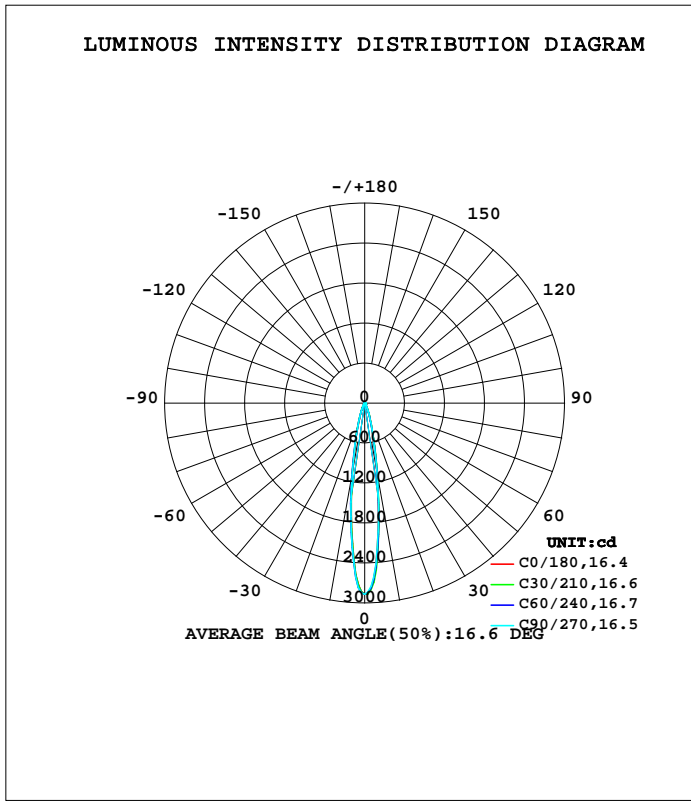


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:11.910V I:0.4834A P:4.2985W PF:0.7466 Freq:60.00Hz Lamp Flux:406.319x1 lm		
NAME: 486743-MR16-4W-2700K-15°	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:35mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 94.53 lm/W
MODEL		I _{max} (cd)	2891	S/MH(C0/180)		0.28
NOMINAL POWER(W)	--	LOR(%)	100.0	S/MH(C90/270)		0.28
RATED VOLTAGE(V)	--	TOTAL FLUX(lm)	406.32	η UP, DN(C0-180)		0.0,49.1
NOMINAL FLUX(lm)	406.319	CIE CLASS	DIRECT	η UP, DN(C180-360)		0.0,50.9
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:2022-06-01

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	1073	1105	1078	1032	1082	1087	1091	1157	0- 10	171.5	171.5	42.2,42.2
20	218.0	223.7	221.4	213.2	212.6	219.4	220.1	236.0	10- 20	140.5	312.0	76.8,76.8
30	50.85	54.67	53.70	53.99	53.55	56.24	55.22	57.98	20- 30	52.74	364.7	89.8,89.8
40	16.16	16.79	16.54	16.40	16.76	17.74	17.30	17.80	30- 40	19.21	384.0	94.5,94.5
50	9.131	9.553	9.134	9.282	9.716	10.01	9.901	10.08	40- 50	9.776	393.7	96.9,96.9
60	5.678	5.889	5.264	5.719	5.789	5.798	5.410	6.010	50- 60	6.658	400.4	98.5,98.5
70	3.321	3.095	1.959	3.111	3.363	3.070	2.209	3.379	60- 70	4.230	404.6	99.6,99.6
80	1.248	0.1348	0.0157	0.1323	1.193	0.1268	0.0097	0.2365	70- 80	1.575	406.2	100,100
90	0	0	0	0	0	0	0	0	80- 90	0.1215	406.3	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): 389.29 lm

%lum = 95.8%
%lamp = 95.8%

Conical surface Flux(120deg): 400.39 lm

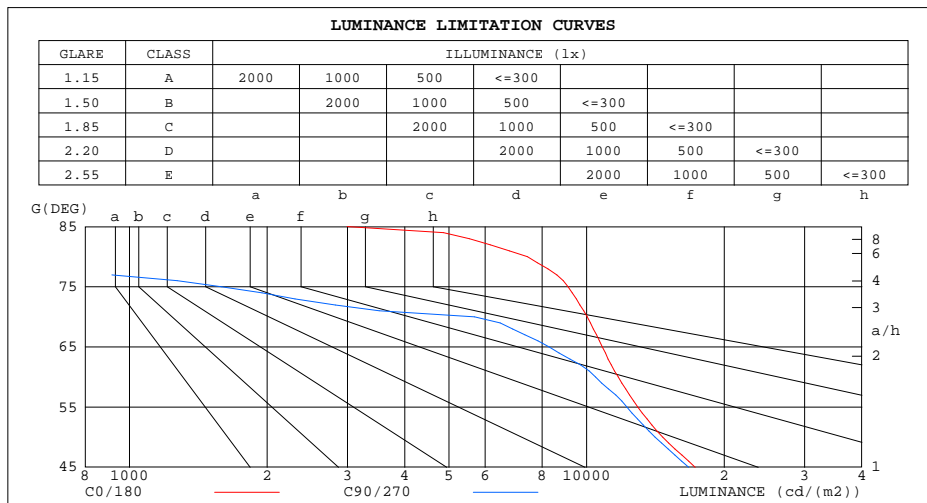
%lum = 98.5%
%lamp = 98.5%

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2022-06-01

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:11.910V I:0.4834A P:4.2985W PF:0.7466 Freq:60.00Hz Lamp Flux:406.319x1 lm		
NAME: 486743-MR16-4W-2700K-15°	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:35mm	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	2992	0
80	7424	90
75	9103	1589
70	10031	5690
65	10826	8286
60	11731	10459
55	12944	12250
50	14675	14116
45	17287	16727

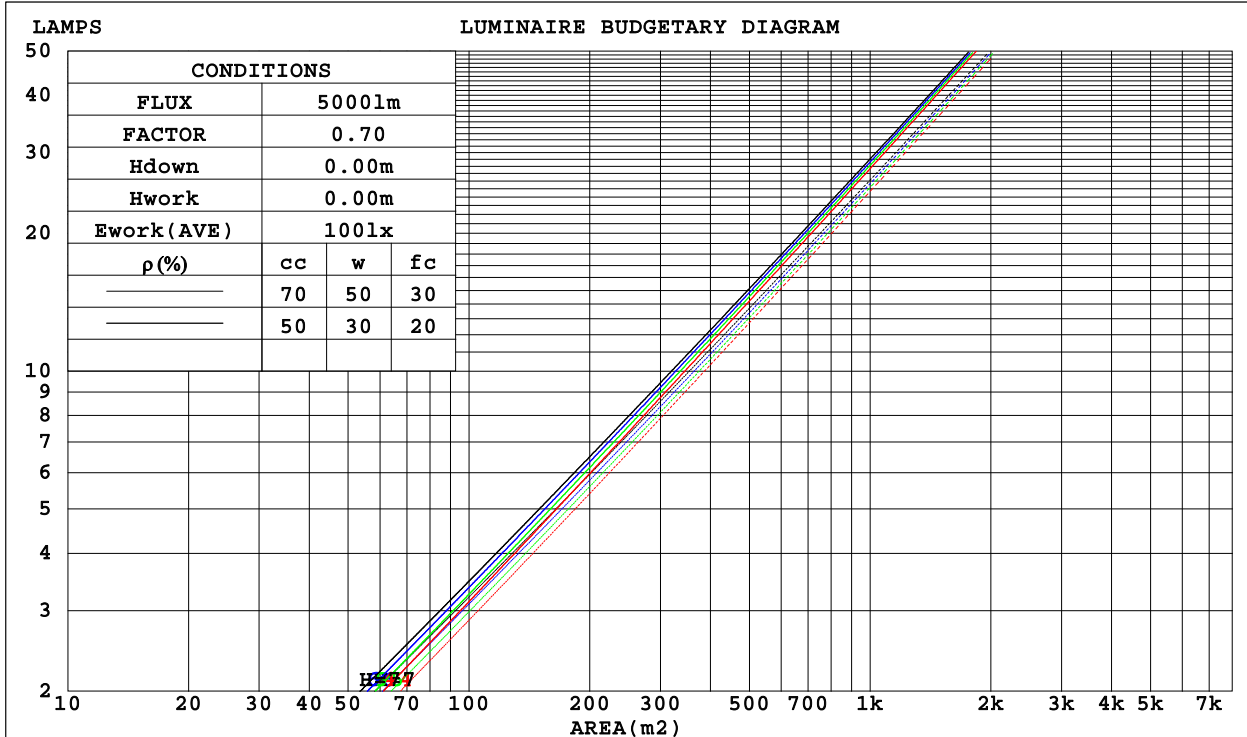
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2022-06-01

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:11.910V I:0.4834A P:4.2985W PF:0.7466 Freq:60.00Hz Lamp Flux:406.319x1 lm		
NAME: 486743-MR16-4W-2700K-15°	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:35mm	Shielding Angle:

ρ _{cc}	80%			70%			50%			30%			10%			0
ρ _w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ _{fc}	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	1.11	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	1.03	1.00	1.02	.99	.98	.99	.98	.96	.97	.95	.94	.93
3.0	1.02	.99	.96	1.01	.98	.95	.98	.96	.93	.96	.94	.92	.94	.92	.91	.89
4.0	.98	.94	.91	.97	.93	.90	.95	.92	.89	.93	.91	.88	.92	.89	.87	.86
5.0	.95	.90	.87	.94	.90	.87	.92	.89	.86	.91	.88	.85	.89	.87	.85	.84
6.0	.91	.87	.84	.91	.87	.84	.89	.86	.83	.88	.85	.83	.87	.84	.82	.81
7.0	.88	.84	.81	.88	.84	.81	.87	.83	.81	.86	.83	.80	.85	.82	.80	.79
8.0	.86	.82	.79	.85	.81	.79	.84	.81	.78	.84	.80	.78	.83	.80	.78	.77
9.0	.83	.79	.77	.83	.79	.77	.82	.79	.76	.82	.78	.76	.81	.78	.76	.75
10.0	.81	.77	.75	.81	.77	.75	.80	.77	.74	.80	.76	.74	.79	.76	.74	.73



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2022-06-01

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:11.910V I:0.4834A P:4.2985W PF:0.7466 Freq:60.00Hz Lamp Flux:406.319x1 lm		
NAME: 486743-MR16-4W-2700K-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	.142	.081	.026	.136	.077	.025	.123	.071	.023	.112	.064	.021	.101	.059	.019	
2.0	.132	.073	.022	.127	.070	.022	.117	.065	.020	.107	.060	.019	.098	.056	.018	
3.0	.123	.066	.020	.119	.063	.019	.110	.060	.018	.102	.056	.017	.095	.052	.016	
4.0	.115	.060	.018	.111	.058	.017	.104	.055	.016	.097	.052	.016	.091	.049	.015	
5.0	.108	.055	.016	.104	.054	.016	.098	.051	.015	.093	.049	.015	.087	.047	.014	
6.0	.101	.051	.015	.099	.050	.014	.093	.048	.014	.088	.046	.013	.084	.044	.013	
7.0	.096	.047	.013	.093	.047	.013	.089	.045	.013	.084	.043	.013	.080	.042	.012	
8.0	.091	.044	.012	.089	.044	.012	.085	.042	.012	.081	.041	.012	.077	.040	.012	
9.0	.086	.042	.012	.085	.041	.012	.081	.040	.011	.078	.039	.011	.074	.038	.011	
10.0	.082	.040	.011	.081	.039	.011	.078	.038	.011	.075	.037	.011	.072	.036	.010	

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	.148	.144	.135	.127	.099	.093	.088	.057	.054	.051	.018	.017	.017	
2.0	.151	.133	.117	.129	.114	.101	.089	.079	.071	.051	.046	.041	.016	.015	.014	
3.0	.136	.113	.095	.117	.098	.082	.080	.068	.058	.046	.040	.034	.015	.013	.011	
4.0	.124	.098	.078	.106	.085	.068	.073	.059	.048	.042	.035	.028	.014	.011	.009	
5.0	.113	.086	.065	.097	.074	.057	.067	.052	.040	.039	.030	.024	.013	.010	.008	
6.0	.104	.076	.055	.090	.066	.048	.062	.046	.034	.036	.027	.020	.012	.009	.007	
7.0	.097	.068	.047	.083	.059	.041	.057	.041	.029	.033	.024	.017	.011	.008	.006	
8.0	.090	.061	.041	.077	.053	.036	.054	.037	.025	.031	.022	.015	.010	.007	.005	
9.0	.084	.055	.036	.072	.048	.031	.050	.034	.022	.029	.020	.013	.009	.007	.004	
10.0	.079	.050	.031	.068	.044	.027	.047	.031	.019	.028	.018	.012	.009	.006	.004	

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2022-06-01

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:11.910V I:0.4834A P:4.2985W PF:0.7466 Freq:60.00Hz Lamp Flux:406.319x1 lm										
NAME: 486743-MR16-4W-2700K-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	15.0	15.7	15.2	15.8	16.0	14.5	15.2	14.7	15.3	15.5
3H	16.0	16.6	16.2	16.8	17.0	15.0	15.6	15.2	15.8	16.0
4H	16.4	17.0	16.6	17.2	17.4	14.9	15.5	15.2	15.7	15.9
6H	16.6	17.2	16.9	17.4	17.7	14.8	15.4	15.1	15.6	15.9
8H	16.7	17.2	17.0	17.5	17.7	14.8	15.3	15.1	15.6	15.8
12H	16.7	17.2	17.0	17.5	17.7	14.7	15.3	15.0	15.5	15.8
4H 2H	15.4	16.0	15.6	16.2	16.4	14.9	15.5	15.2	15.7	16.0
3H	16.5	17.1	16.8	17.3	17.6	15.5	16.0	15.8	16.2	16.5
4H	17.0	17.5	17.4	17.8	18.1	15.4	15.9	15.7	16.2	16.5
6H	17.4	17.8	17.7	18.1	18.5	15.3	15.7	15.7	16.1	16.4
8H	17.4	17.8	17.8	18.2	18.6	15.2	15.7	15.6	16.0	16.4
12H	17.4	17.8	17.8	18.2	18.6	15.2	15.6	15.6	15.9	16.3
8H 4H	17.0	17.4	17.4	17.8	18.1	15.5	15.9	15.8	16.2	16.6
6H	17.4	17.7	17.8	18.1	18.5	15.3	15.7	15.8	16.1	16.5
8H	17.4	17.7	17.9	18.1	18.6	15.3	15.6	15.7	16.0	16.4
12H	17.4	17.7	17.9	18.1	18.6	15.2	15.5	15.7	15.9	16.4
12H 4H	17.0	17.3	17.4	17.7	18.1	15.4	15.8	15.8	16.1	16.5
6H	17.3	17.6	17.7	18.0	18.4	15.3	15.6	15.7	16.0	16.4
8H	17.4	17.6	17.8	18.1	18.5	15.2	15.5	15.7	15.9	16.4
Variations with the observer position at spacings:										
S = 1.0H	+ 0.4 / - 0.6					+ 0.7 / - 0.9				
1.5H	+ 0.6 / - 0.4					+ 1.2 / - 0.8				
2.0H	+ 0.7 / - 0.6					+ 0.8 / - 0.7				

CIE Pub.117, 406.3 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = -3.1)
Area: 0.001 m2

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2022-06-01

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:11.910V I:0.4834A P:4.2985W PF:0.7466 Freq:60.00Hz Lamp Flux:406.319x1 lm		
NAME: 486743-MR16-4W-2700K-15°	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:35mm	Shielding Angle:

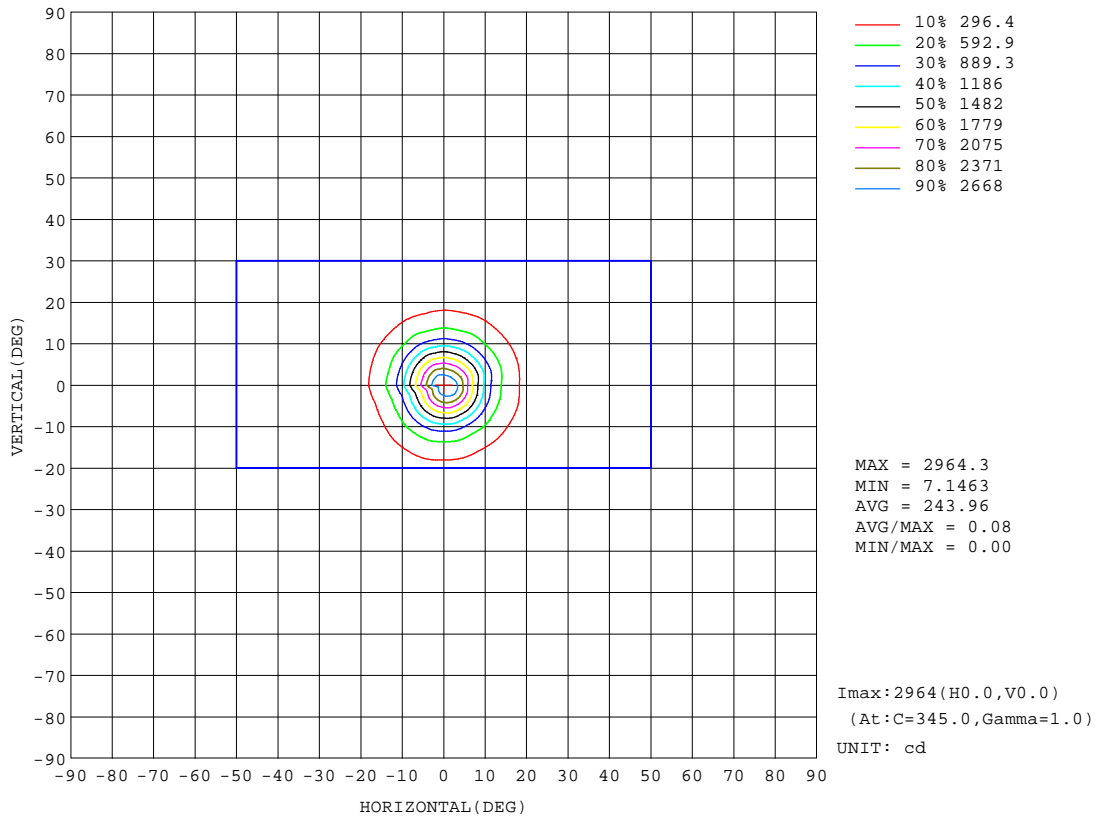
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	88	82	78	88	82	78	87	81	78	75
0.80	95	90	86	95	89	86	94	89	86	82
1.00	100	94	91	99	94	90	97	93	90	86
1.25	103	98	95	102	98	95	100	97	94	90
1.50	106	101	98	105	101	98	103	99	97	92
2.00	109	105	101	107	104	101	105	102	99	94
2.50	110	107	104	109	105	103	106	103	101	95
3.00	112	109	106	110	107	105	107	104	103	96
4.00	114	111	109	112	110	108	108	106	105	98
5.00	115	113	111	113	111	110	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:2022-06-01

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:11.910V I:0.4834A P:4.2985W PF:0.7466 Freq:60.00Hz Lamp Flux:406.319x1 lm		
NAME: 486743-MR16-4W-2700K-15°	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:35mm	Shielding Angle:



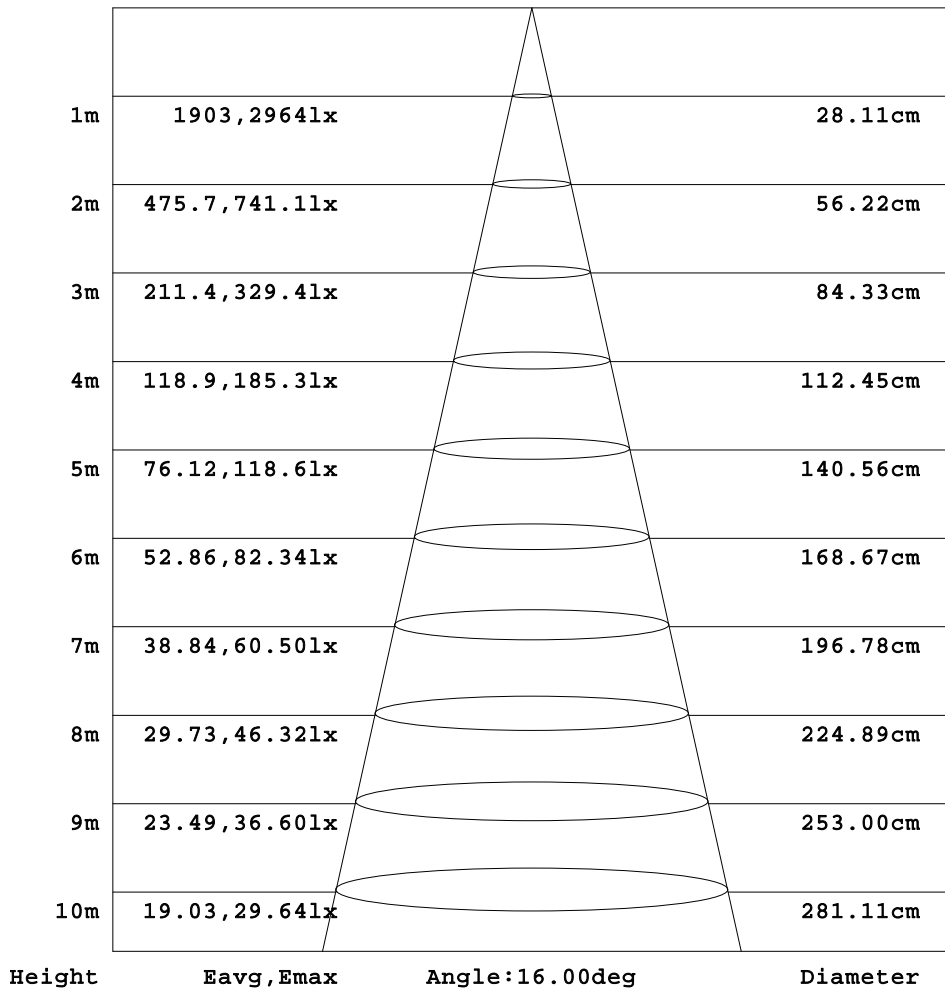
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2022-06-01

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:11.910V I:0.4834A P:4.2985W PF:0.7466 Freq:60.00Hz Lamp Flux:406.319x1 lm		
NAME: 486743-MR16-4W-2700K-15°	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:35mm	Shielding Angle:

Flux out:150.0 lm



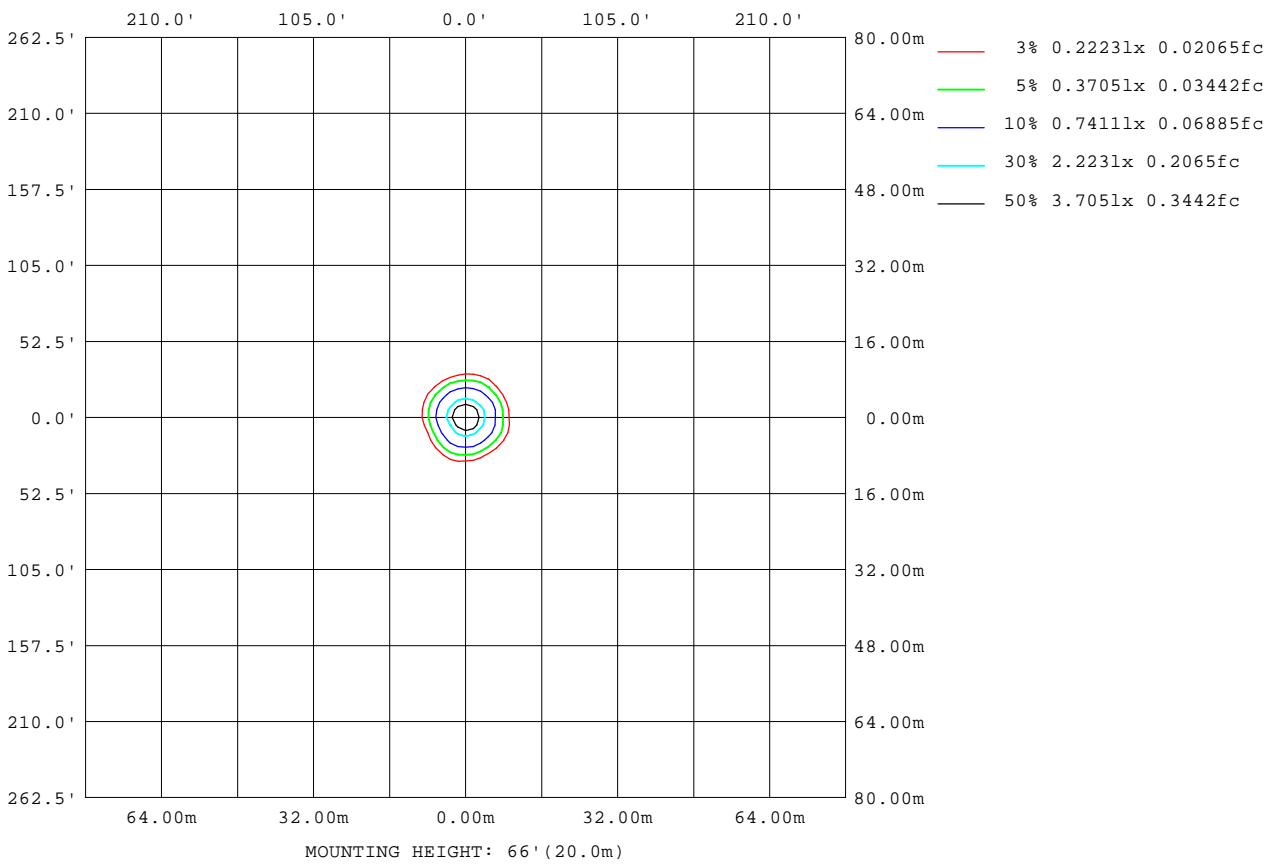
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2022-06-01

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:11.910V I:0.4834A P:4.2985W PF:0.7466 Freq:60.00Hz Lamp Flux:406.319x1 lm		
NAME: 486743-MR16-4W-2700K-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:2022-06-01

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:11.910V I:0.4834A P:4.2985W PF:0.7466 Freq:60.00Hz Lamp Flux:406.319x1 lm		
NAME: 486743-MR16-4W-2700K-15°	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:35mm	Shielding Angle:

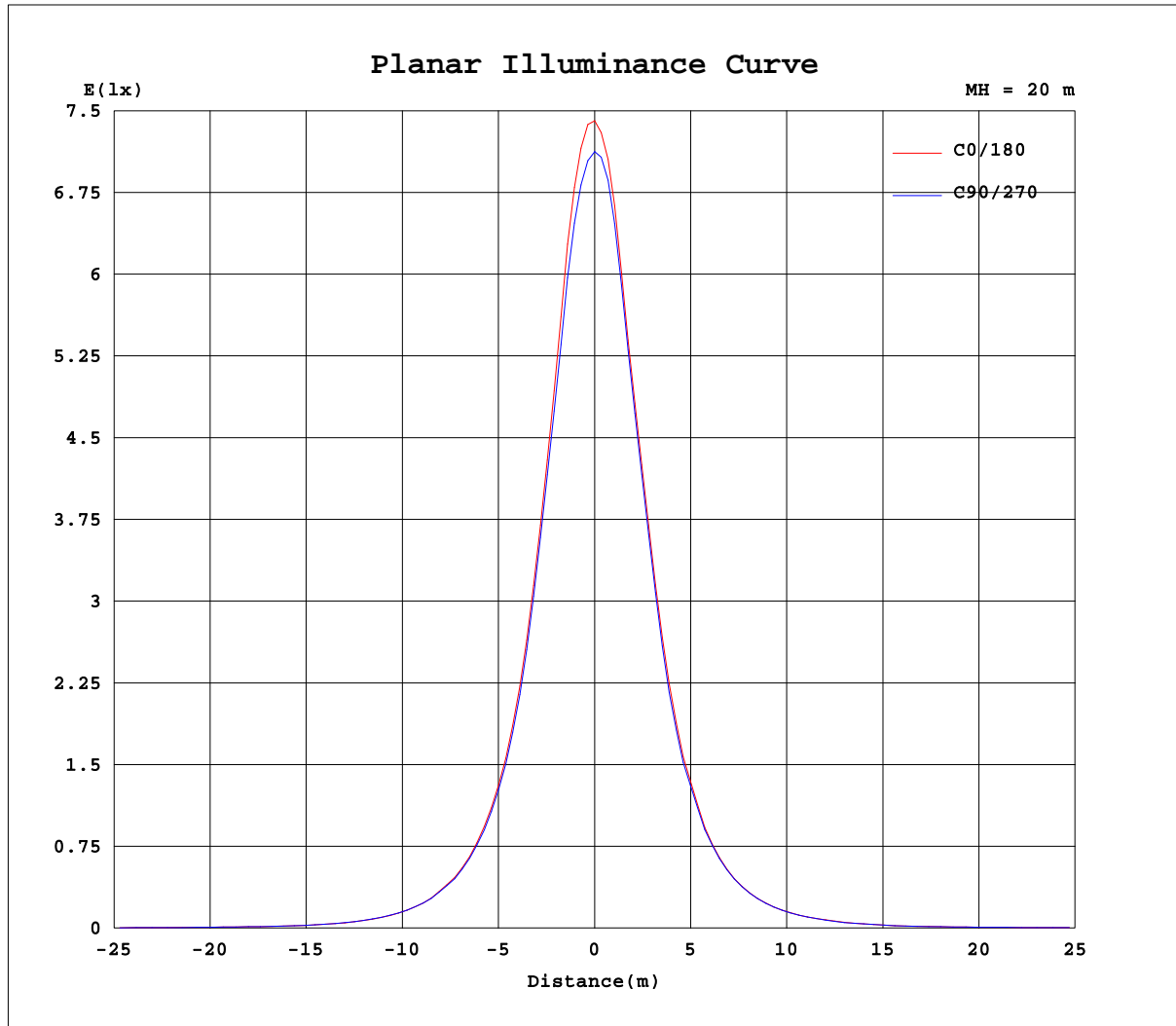
AvgL	cd/m2
L_0~180(65)av	10572
L_0~180(75)av	8834
L_0~180(85)av	2622
L_90~270(65)av	8554
L_90~270(75)av	1619
L_90~270(85)av	0
L_45(65)av	10674
L_45(75)av	5735
L_45(85)av	20

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2022-06-01

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: 2022-06-01

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:11.910V I:0.4834A P:4.2985W PF:0.7466 Freq:60.00Hz Lamp Flux:406.319x1 lm		
NAME: 486743-MR16-4W-2700K-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	2870	2870	2870	2870	2870	2870	2870	2870	2870	2870	2870	2870	2870	2870	2870	2870	2870	2870	2870
5	2197	2269	2274	2271	2232	2243	2182	2169	2110	2064	2002	1968	2115	2101	2122	2131	2171	2141	2163
10	1073	1108	1110	1105	1079	1098	1078	1090	1061	1032	990	966	1082	1067	1078	1087	1110	1074	1091
15	478	496	481	494	468	498	481	505	478	478	434	426	488	463	485	468	497	466	495
20	218	235	230	224	211	221	221	238	226	213	192	188	213	216	226	219	219	213	220
25	103	118	118	109	100	105	107	121	115	104	91.5	91.2	103	109	118	109	105	99.9	106
30	50.9	57.7	57.5	54.7	50.5	53.1	53.7	60.6	58.2	54.0	48.1	47.9	53.5	56.6	60.7	56.2	55.0	52.3	55.2
35	26.4	27.8	28.6	27.3	26.5	26.8	27.8	29.5	29.7	27.5	26.6	26.2	28.6	30.5	31.3	30.7	29.6	29.0	29.4
40	16.2	16.7	17.1	16.8	16.3	16.3	16.5	17.0	17.1	16.4	16.2	16.0	16.8	17.3	17.7	17.7	17.5	17.2	17.3
45	11.8	12.2	12.5	12.3	12.0	11.8	11.9	12.3	12.3	12.0	12.0	12.1	12.3	12.5	12.9	12.9	12.8	12.7	12.8
50	9.13	9.22	9.50	9.55	9.15	8.96	9.13	9.39	9.44	9.28	9.27	9.41	9.72	9.87	9.95	10.0	9.89	9.81	9.90
55	7.19	7.16	7.43	7.52	7.04	6.90	7.07	7.22	7.26	7.24	7.24	7.26	7.37	7.42	7.43	7.47	7.30	7.27	7.35
60	5.68	5.65	5.89	5.89	5.43	5.16	5.26	5.46	5.66	5.72	5.81	5.77	5.79	5.76	5.76	5.80	5.65	5.47	5.41
65	4.43	4.41	4.62	4.51	3.89	3.50	3.52	3.73	4.19	4.42	4.55	4.49	4.51	4.48	4.47	4.46	4.11	3.76	3.70
70	3.32	3.33	3.45	3.10	2.28	2.03	1.96	2.20	2.52	3.11	3.35	3.32	3.36	3.35	3.33	3.07	2.49	2.24	2.21
75	2.28	2.29	2.26	1.31	0.53	0.43	0.41	0.46	0.58	1.45	2.18	2.20	2.29	2.29	2.17	1.38	0.56	0.44	0.42
80	1.25	1.24	0.46	0.13	0.01	0.01	0.02	0.01	0.01	0.13	0.44	1.03	1.19	1.17	0.37	0.13	0.01	0.01	0.01
85	0.25	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.20	0.06	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:2022-06-01

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:11.910V I:0.4834A P:4.2985W PF:0.7466 Freq:60.00Hz Lamp Flux:406.319x1 lm		
NAME: 486743-MR16-4W-2700K-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	2870	2870	2870	2870	2870																
5	2149	2189	2230	2307	2358																
10	1093	1129	1157	1209	1238																
15	479	518	512	551	550																
20	225	239	236	242	241																
25	113	124	114	113	111																
30	58.2	63.0	58.0	57.3	56.5																
35	31.0	31.8	30.8	29.8	30.1																
40	17.7	18.0	17.8	17.7	17.9																
45	13.0	13.1	12.9	12.8	12.8																
50	10.08	10.2	10.08	9.95	9.91																
55	7.46	7.62	7.71	7.74	7.79																
60	5.64	5.87	6.01	6.14	6.21																
65	3.90	4.37	4.65	4.79	4.87																
70	2.34	2.75	3.38	3.58	3.69																
75	0.47	0.72	1.81	2.45	2.58																
80	0.01	0.03	0.24	1.07	1.47																
85	0.00	0.00	0.01	0.01	0.44																
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:2022-06-01

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: