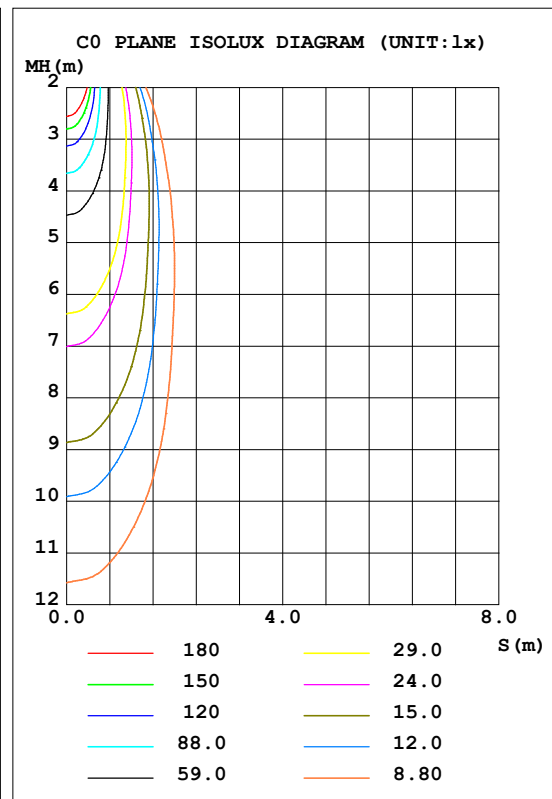
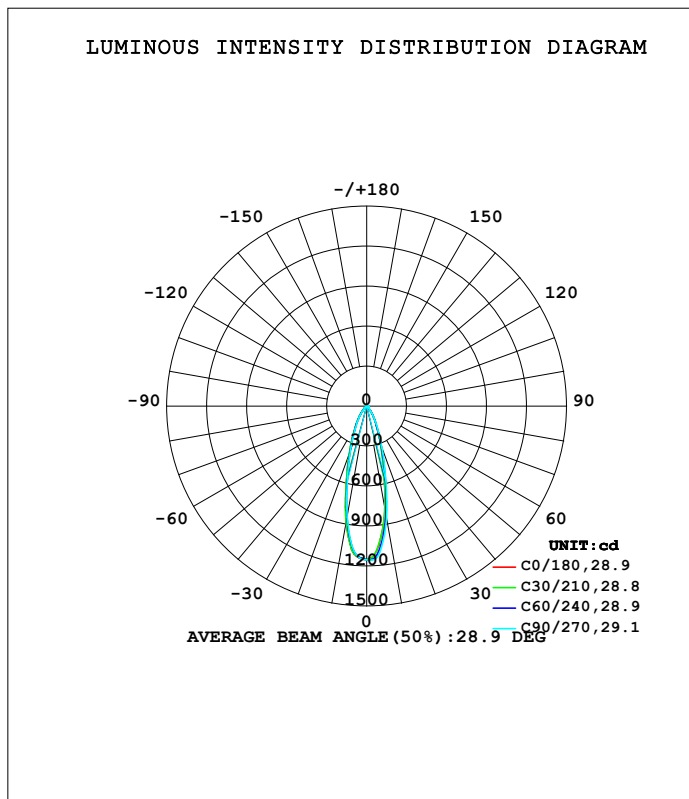


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:11.929V I:0.5193A P:4.4358W PF:0.7160 Freq:60.00Hz Lamp Flux:446.143x1 lm		
NAME: 486744-MR16-4W-2700K-25°	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:35mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 100.58 lm/W			
MODEL		I _{max} (cd)	1157	S/MH (C0/180)	0.51
NOMINAL POWER (W)	--	LOR (%)	100.0	S/MH (C90/270)	0.49
RATED VOLTAGE (V)	--	TOTAL FLUX (lm)	446.14	η UP, DN (C0-180)	0.0,47.9
NOMINAL FLUX (lm)	446.143	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0,52.1
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE (V)	--	η down (%)	100.0	CIBSE SHR MAX	0.50



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2022-04-09

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:

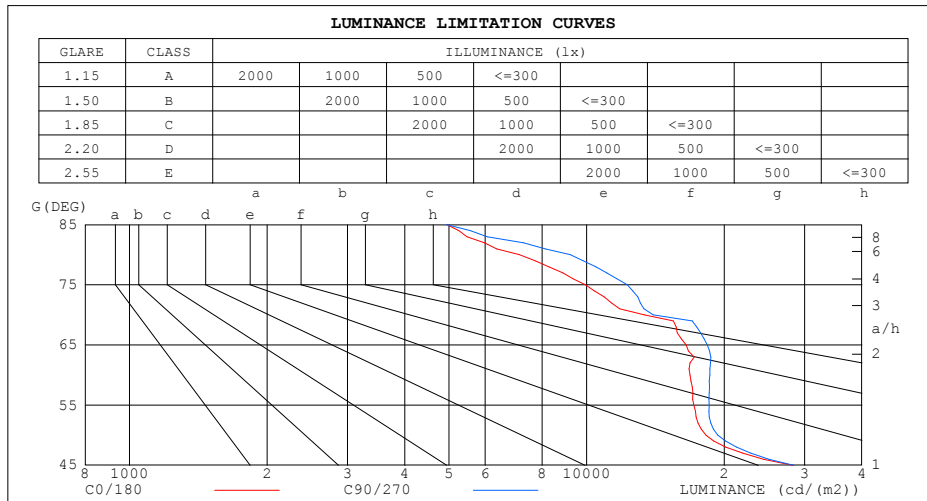
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	788.0	796.9	858.4	856.9	886.4	881.8	847.6	830.9	0- 10	95.80	95.80	21.5,21.5
20	313.0	312.1	337.6	346.3	382.7	381.9	360.1	334.2	10- 20	153.2	249.0	55.8,55.8
30	124.9	119.0	127.8	139.0	160.9	159.5	149.0	137.4	20- 30	102.1	351.1	78.7,78.7
40	39.94	34.77	39.39	48.38	61.35	59.38	51.01	45.93	30- 40	54.78	405.9	91,91
50	11.47	11.10	12.53	14.12	16.12	14.40	12.36	12.60	40- 50	19.46	425.4	95.3,95.3
60	8.233	8.412	9.351	10.03	10.32	8.997	8.228	8.545	50- 60	9.445	434.8	97.5,97.5
70	4.474	4.158	4.809	5.184	6.830	6.233	5.337	5.449	60- 70	7.414	442.2	99.1,99.1
80	1.211	1.218	1.607	1.670	1.985	1.886	1.545	1.481	70- 80	3.302	445.5	99.9,99.9
90	0	0	0	0	0.0065	0.0088	0.0090	0.0098	80- 90	0.6179	446.1	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:DAMIN
Test Date:2022-04-09

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:11.929V I:0.5193A P:4.4358W PF:0.7160 Freq:60.00Hz Lamp Flux:446.143x1 lm		
NAME: 486744-MR16-4W-2700K-25°	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:35mm	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	4941	4938
80	7132	9210
75	9939	12277
70	13382	13990
65	16524	18379
60	16845	18610
55	17165	18551
50	18264	19391
45	28248	28398

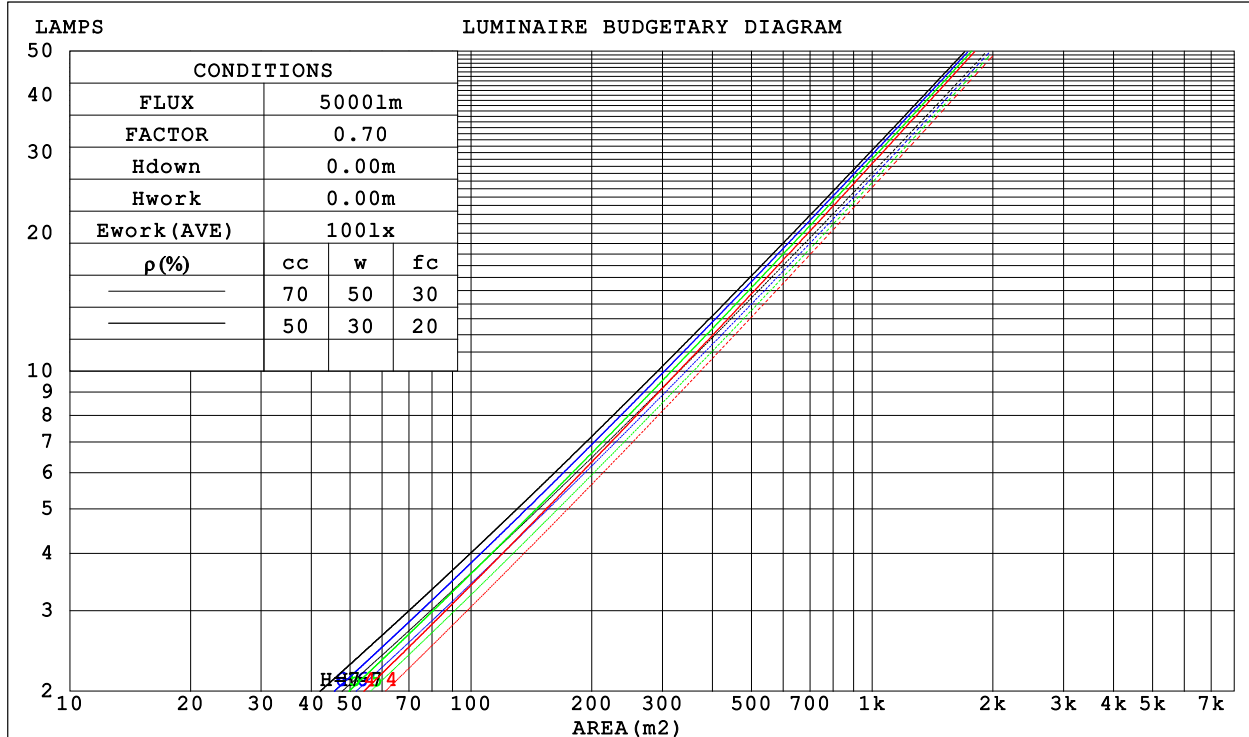
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2022-04-09

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:11.929V I:0.5193A P:4.4358W PF:0.7160 Freq:60.00Hz Lamp Flux:446.143x1 lm		
NAME: 486744-MR16-4W-2700K-25°	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	1.00
1.0	1.11	1.09	1.07	1.09	1.07	1.05	1.05	1.03	1.02	1.01	.00	.99	.98	.97	.96	.94
2.0	1.04	1.00	.97	1.02	.99	.96	.99	.96	.94	.96	.94	.92	.93	.92	.90	.88
3.0	.98	.93	.89	.96	.92	.89	.94	.90	.87	.91	.88	.86	.89	.87	.85	.83
4.0	.92	.87	.83	.91	.86	.83	.89	.85	.82	.87	.84	.81	.85	.82	.80	.79
5.0	.87	.82	.78	.86	.82	.78	.85	.80	.77	.83	.79	.76	.82	.78	.76	.74
6.0	.83	.78	.74	.82	.77	.74	.81	.76	.73	.79	.76	.73	.78	.75	.72	.71
7.0	.79	.74	.70	.78	.73	.70	.77	.73	.69	.76	.72	.69	.75	.71	.69	.67
8.0	.76	.70	.67	.75	.70	.66	.74	.69	.66	.73	.69	.66	.72	.68	.66	.64
9.0	.72	.67	.64	.72	.67	.63	.71	.66	.63	.70	.66	.63	.69	.66	.63	.62
10.0	.69	.64	.61	.69	.64	.61	.68	.64	.61	.67	.63	.60	.67	.63	.60	.59



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2022-04-09

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:11.929V I:0.5193A P:4.4358W PF:0.7160 Freq:60.00Hz Lamp Flux:446.143x1 lm		
NAME: 486744-MR16-4W-2700K-25°	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	.171	.097	.031	.164	.094	.030	.151	.087	.028	.140	.081	.026	.129	.075	.024	
2.0	.161	.088	.027	.156	.086	.026	.145	.081	.025	.136	.076	.024	.127	.072	.023	
3.0	.152	.081	.024	.147	.079	.024	.138	.075	.023	.130	.071	.022	.122	.068	.021	
4.0	.143	.074	.022	.139	.073	.022	.131	.070	.021	.124	.067	.020	.118	.064	.019	
5.0	.135	.069	.020	.132	.068	.020	.125	.065	.019	.119	.063	.019	.113	.060	.018	
6.0	.128	.064	.018	.125	.063	.018	.119	.061	.018	.114	.059	.017	.109	.057	.017	
7.0	.122	.060	.017	.119	.059	.017	.114	.058	.017	.109	.056	.016	.105	.054	.016	
8.0	.116	.057	.016	.113	.056	.016	.109	.054	.016	.105	.053	.015	.101	.052	.015	
9.0	.111	.053	.015	.108	.053	.015	.104	.052	.015	.101	.050	.014	.097	.049	.014	
10.0	.106	.051	.014	.104	.050	.014	.100	.049	.014	.097	.048	.014	.094	.047	.014	

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	.171	.157	.145	.146	.135	.125	.100	.093	.087	.057	.054	.050	.018	.017	.016	
2.0	.155	.133	.114	.133	.114	.098	.091	.079	.069	.052	.046	.040	.017	.015	.013	
3.0	.142	.114	.091	.122	.098	.079	.083	.068	.055	.048	.040	.033	.015	.013	.011	
4.0	.131	.099	.074	.112	.085	.064	.077	.059	.045	.045	.035	.027	.014	.011	.009	
5.0	.121	.087	.061	.104	.075	.053	.072	.052	.038	.042	.031	.022	.013	.010	.007	
6.0	.113	.077	.051	.097	.067	.045	.067	.047	.032	.039	.028	.019	.013	.009	.006	
7.0	.106	.070	.044	.091	.060	.038	.063	.042	.027	.037	.025	.016	.012	.008	.005	
8.0	.100	.063	.038	.086	.055	.033	.060	.038	.023	.035	.023	.014	.011	.007	.005	
9.0	.095	.058	.033	.082	.050	.029	.057	.035	.020	.033	.021	.012	.011	.007	.004	
10.0	.090	.053	.029	.078	.046	.025	.054	.032	.018	.031	.019	.011	.010	.006	.004	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2022-04-09

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:11.929V I:0.5193A P:4.4358W PF:0.7160 Freq:60.00Hz Lamp Flux:446.143x1 lm										
NAME: 486744-MR16-4W-2700K-25°					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	18.6	19.5	18.8	19.6	19.8	18.7	19.6	19.0	19.8	19.9
3H	19.2	20.0	19.5	20.2	20.4	19.4	20.2	19.7	20.4	20.6
4H	19.3	20.1	19.6	20.3	20.5	19.6	20.4	19.9	20.6	20.8
6H	19.4	20.1	19.7	20.3	20.6	19.7	20.4	20.0	20.7	20.9
8H	19.4	20.1	19.7	20.3	20.6	19.7	20.4	20.0	20.7	20.9
12H	19.3	20.0	19.7	20.3	20.5	19.7	20.4	20.0	20.6	20.9
4H 2H	18.8	19.6	19.1	19.8	20.0	18.9	19.7	19.2	19.9	20.1
3H	19.5	20.2	19.8	20.5	20.7	19.7	20.4	20.1	20.7	20.9
4H	19.7	20.3	20.1	20.6	20.9	20.0	20.6	20.4	20.9	21.2
6H	19.8	20.3	20.2	20.7	21.0	20.2	20.7	20.6	21.1	21.4
8H	19.8	20.3	20.2	20.6	21.0	20.2	20.7	20.6	21.0	21.4
12H	19.8	20.2	20.2	20.6	21.0	20.2	20.6	20.6	21.0	21.4
8H 4H	19.8	20.2	20.1	20.6	21.0	20.0	20.5	20.4	20.9	21.2
6H	19.9	20.3	20.3	20.7	21.1	20.2	20.7	20.7	21.0	21.5
8H	19.9	20.2	20.3	20.7	21.1	20.3	20.6	20.7	21.1	21.5
12H	19.9	20.2	20.4	20.6	21.1	20.3	20.6	20.7	21.0	21.5
12H 4H	19.7	20.2	20.1	20.5	20.9	20.0	20.4	20.4	20.8	21.2
6H	19.9	20.2	20.3	20.6	21.1	20.2	20.6	20.7	21.0	21.4
8H	19.9	20.2	20.3	20.6	21.1	20.3	20.6	20.7	21.0	21.5
Variations with the observer position at spacings:										
S = 1.0H	+ 1.5 / - 1.4					+ 1.2 / - 1.1				
1.5H	+ 3.0 / - 1.6					+ 2.7 / - 1.3				
2.0H	+ 1.2 / - 0.8					+ 1.0 / - 0.7				

CIE Pub.117, 446.1 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = -2.8)
Area: 0.001 m2

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2022-04-09

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:11.929V I:0.5193A P:4.4358W PF:0.7160 Freq:60.00Hz Lamp Flux:446.143x1 lm		
NAME: 486744-MR16-4W-2700K-25°	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:35mm	Shielding Angle:

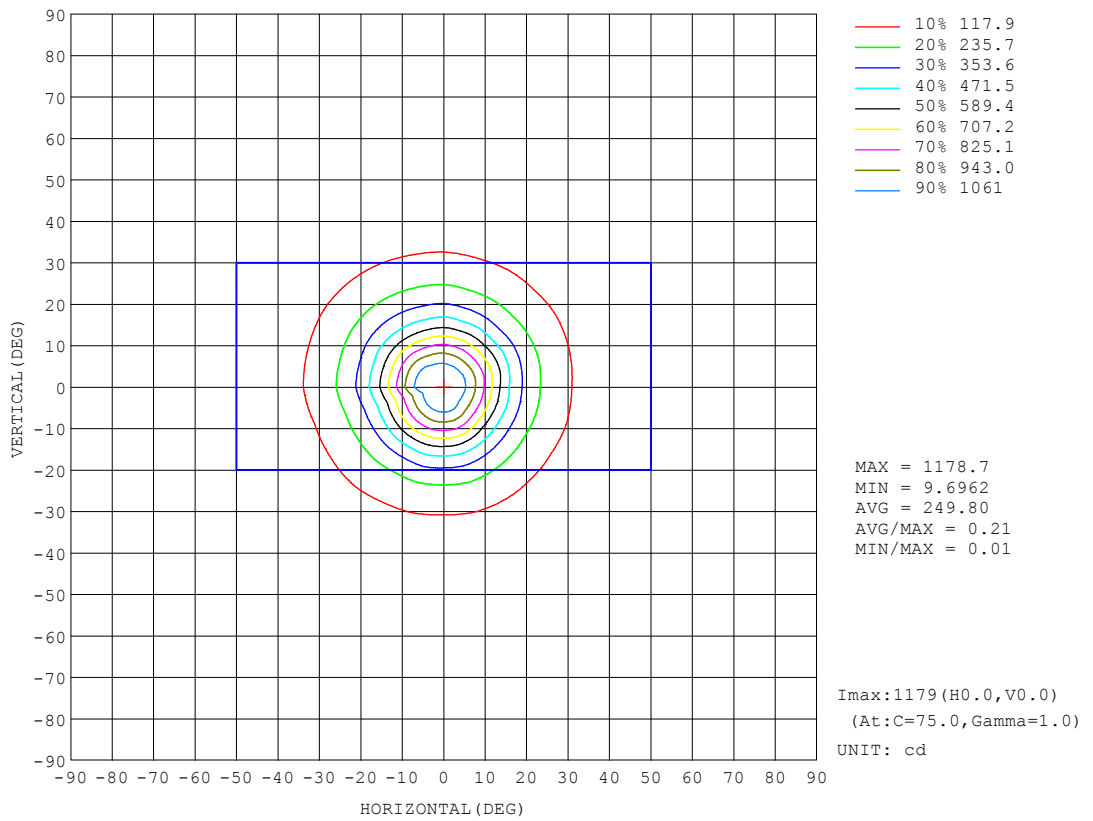
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	86	79	75	85	79	75	85	79	75	72
0.80	93	87	83	93	87	83	92	86	83	79
1.00	98	92	88	97	92	88	96	92	88	83
1.25	102	97	93	101	96	93	99	95	92	88
1.50	105	100	96	104	99	96	101	98	95	90
2.00	108	103	100	106	102	99	104	100	98	92
2.50	110	106	102	108	104	102	105	102	100	94
3.00	111	108	105	109	106	104	106	104	102	95
4.00	113	111	108	111	109	107	108	106	104	97
5.00	115	112	110	113	111	109	109	107	106	98
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:2022-04-09

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:11.929V I:0.5193A P:4.4358W PF:0.7160 Freq:60.00Hz Lamp Flux:446.143x1 lm		
NAME: 486744-MR16-4W-2700K-25°	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:35mm	Shielding Angle:



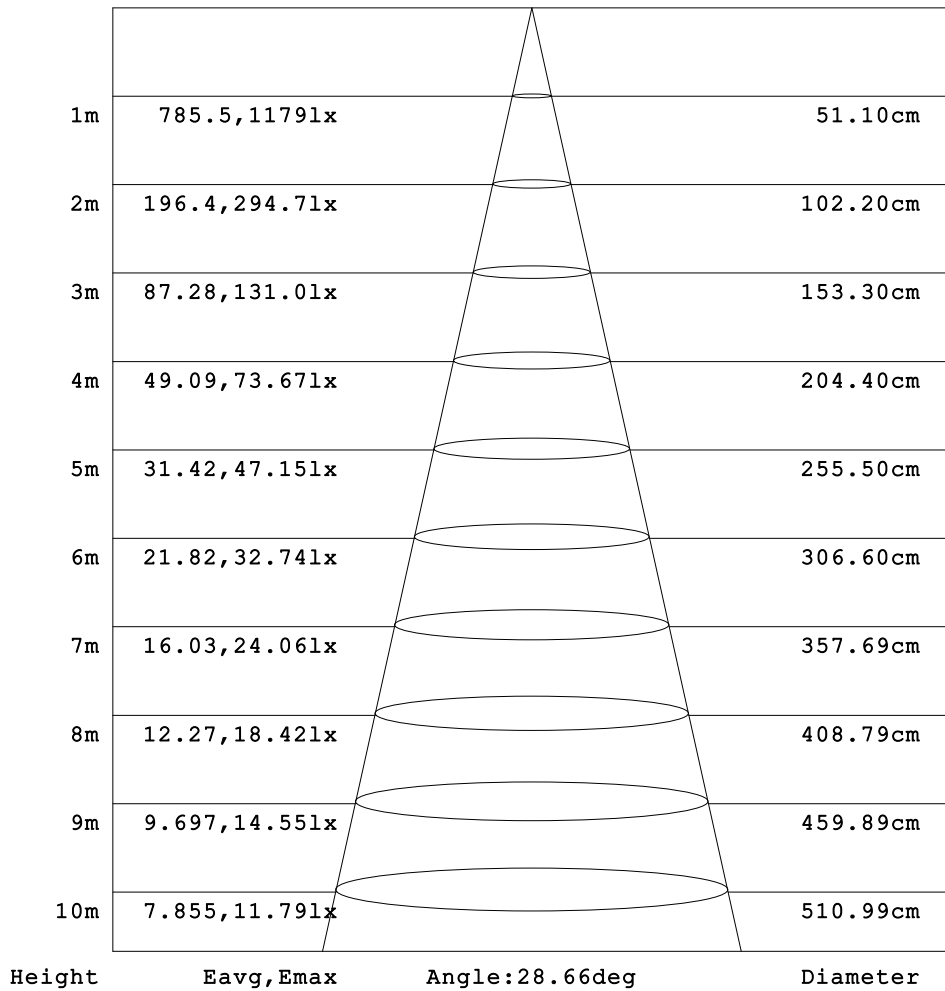
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2022-04-09

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:11.929V I:0.5193A P:4.4358W PF:0.7160 Freq:60.00Hz Lamp Flux:446.143x1 lm		
NAME: 486744-MR16-4W-2700K-25°	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:35mm	Shielding Angle:

Flux out:177.2 lm



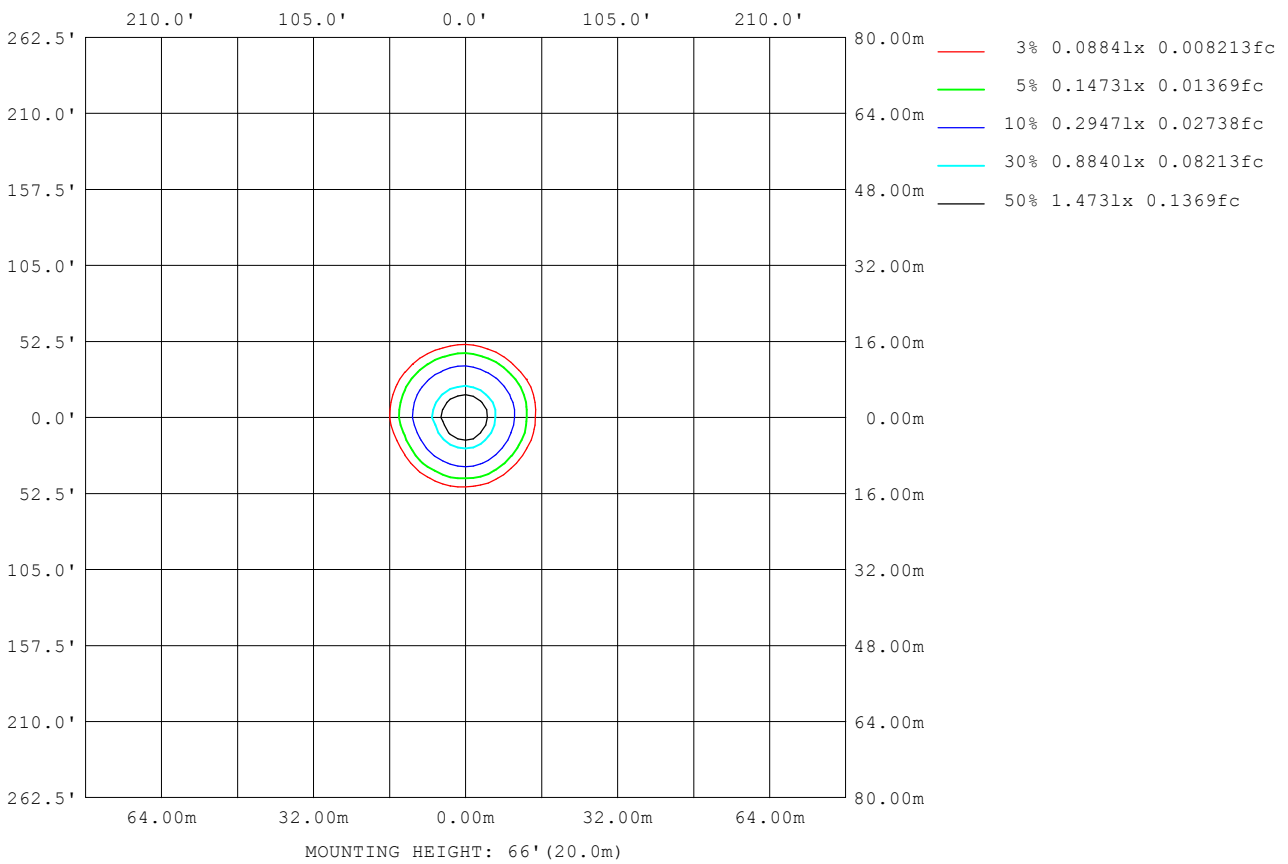
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2022-04-09

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:11.929V I:0.5193A P:4.4358W PF:0.7160 Freq:60.00Hz Lamp Flux:446.143x1 lm		
NAME: 486744-MR16-4W-2700K-25°	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:2022-04-09

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:11.929V I:0.5193A P:4.4358W PF:0.7160 Freq:60.00Hz Lamp Flux:446.143x1 lm		
NAME: 486744-MR16-4W-2700K-25°	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:35mm	Shielding Angle:

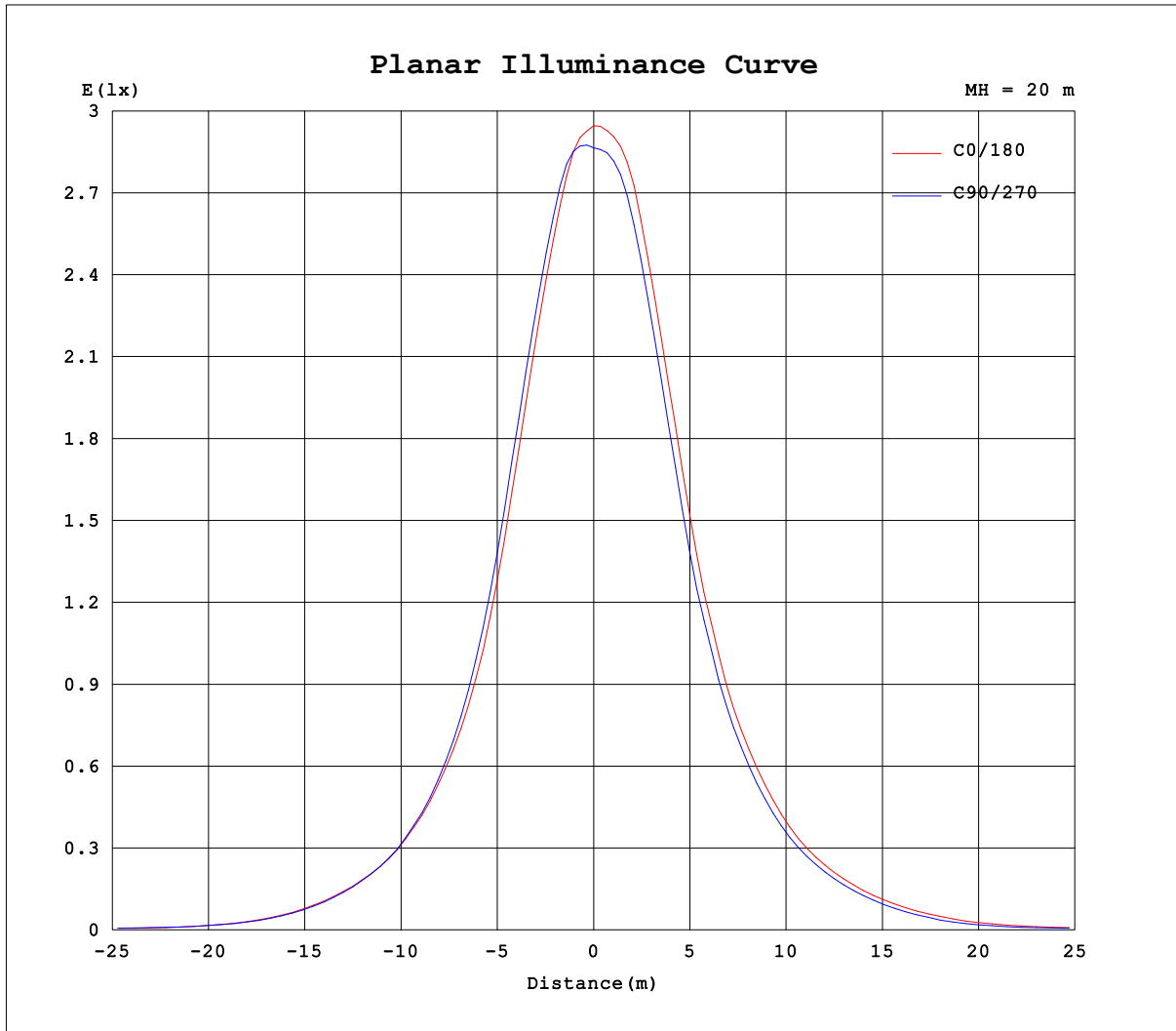
AvgL	cd/m2
L_0~180 (65) av	18663
L_0~180 (75) av	12113
L_0~180 (85) av	5975
L_90~270 (65) av	17619
L_90~270 (75) av	11821
L_90~270 (85) av	6011
L_45 (65) av	18122
L_45 (75) av	11877
L_45 (85) av	5932

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2022-04-09

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: 2022-04-09

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:11.929V I:0.5193A P:4.4358W PF:0.7160 Freq:60.00Hz Lamp Flux:446.143x1 lm		
NAME: 486744-MR16-4W-2700K-25°	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	1152	1152	1152	1152	1152	1152	1152	1152	1152	1152	1152	1152	1152	1152	1152	1152	1152	1152	1152
5	1049	1046	1044	1054	1085	1104	1108	1113	1110	1105	1096	1092	1113	1112	1113	1108	1098	1093	1094
10	788	786	785	797	834	856	858	864	860	857	845	836	886	885	889	882	856	848	848
15	500	502	493	508	531	551	554	563	559	561	555	553	597	595	596	587	563	557	558
20	313	310	304	312	326	340	338	347	340	346	345	355	383	381	389	382	368	358	360
25	199	194	188	190	199	208	208	210	210	216	219	227	250	248	253	249	239	232	231
30	125	124	118	119	124	130	128	132	132	139	140	145	161	161	164	159	155	150	149
35	76.4	75.4	70.8	70.8	72.7	76.2	76.1	80.8	81.6	87.0	87.5	91.9	104	105	106	102	97.9	93.5	93.0
40	39.9	37.7	36.3	34.8	36.9	37.7	39.4	43.2	44.4	48.4	48.9	52.8	61.4	61.1	62.5	59.4	55.2	50.6	51.0
45	19.5	18.6	17.4	16.5	18.0	19.0	20.2	20.5	22.6	24.0	24.8	25.8	31.0	31.6	31.0	29.8	26.0	24.0	23.2
50	11.5	11.8	11.6	11.1	11.6	12.4	12.5	12.8	13.3	14.1	13.6	13.3	16.1	16.5	15.6	14.4	13.3	13.1	12.4
55	9.62	9.93	9.85	9.65	9.95	10.5	10.7	10.8	11.3	11.6	10.7	10.4	11.9	12.1	11.4	10.5	10.1	10.1	9.46
60	8.23	8.47	8.46	8.41	8.69	9.22	9.35	9.36	9.89	10.03	9.19	8.96	10.3	10.4	9.95	9.00	8.83	8.78	8.23
65	6.83	6.89	6.88	6.90	7.12	7.55	7.81	8.04	8.45	8.50	7.59	7.57	8.95	8.91	8.62	7.85	7.62	7.45	7.09
70	4.47	4.30	4.10	4.16	4.62	4.76	4.81	4.94	5.26	5.18	4.53	4.64	6.83	6.74	6.69	6.23	5.91	5.68	5.34
75	2.51	2.44	2.57	2.65	2.88	3.03	3.19	3.23	3.37	3.33	2.86	2.92	3.76	3.76	3.64	3.57	3.16	3.11	2.93
80	1.21	1.14	1.22	1.22	1.40	1.49	1.61	1.68	1.72	1.67	1.32	1.35	1.98	1.97	1.97	1.89	1.65	1.62	1.54
85	0.42	0.36	0.37	0.37	0.40	0.41	0.43	0.43	0.44	0.42	0.39	0.39	0.62	0.66	0.69	0.69	0.61	0.63	0.62
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	0.01	0.01	0.01	0.01	0.01	0.01	0.01

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Operators:DAMIN
Test Date:2022-04-09

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

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NAME: 486744-MR16-4W-2700K-25°	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	1152	1152	1152	1152	1152														
5	1089	1092	1090	1095	1094														
10	837	837	831	837	842														
15	545	552	542	557	549														
20	347	342	334	344	338														
25	219	216	214	215	216														
30	141	141	137	139	137														
35	89.1	88.5	85.9	88.6	85.8														
40	48.0	48.2	45.9	48.9	47.4														
45	22.9	22.5	23.3	23.2	23.0														
50	11.9	12.3	12.6	12.8	12.2														
55	9.08	9.52	9.88	10.4	9.99														
60	7.83	8.28	8.54	8.99	8.70														
65	6.85	7.14	7.39	7.92	7.64														
70	5.23	5.36	5.45	5.79	5.66														
75	2.80	2.72	2.75	3.02	3.12														
80	1.50	1.47	1.48	1.58	1.63														
85	0.60	0.61	0.60	0.62	0.62														
90	0.01	0.01	0.01	0.01	0.01														

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 C Interval: 15.0DEG
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 Operators:DAMIN
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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]
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