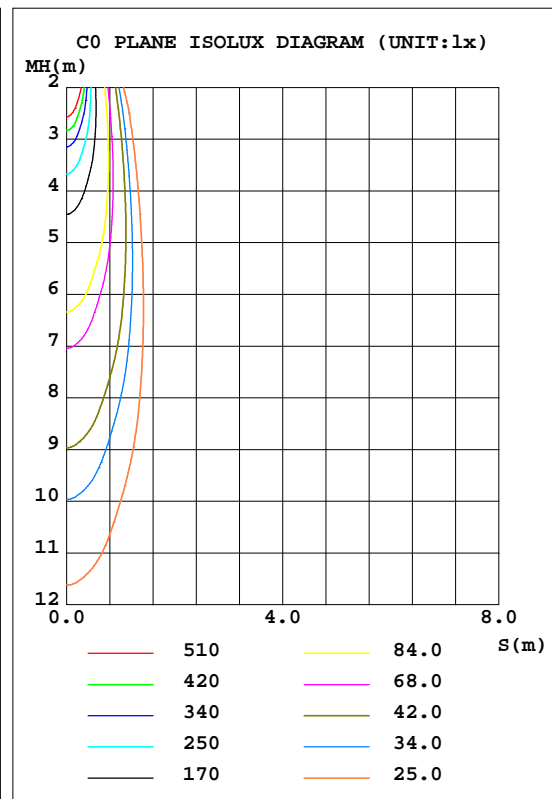
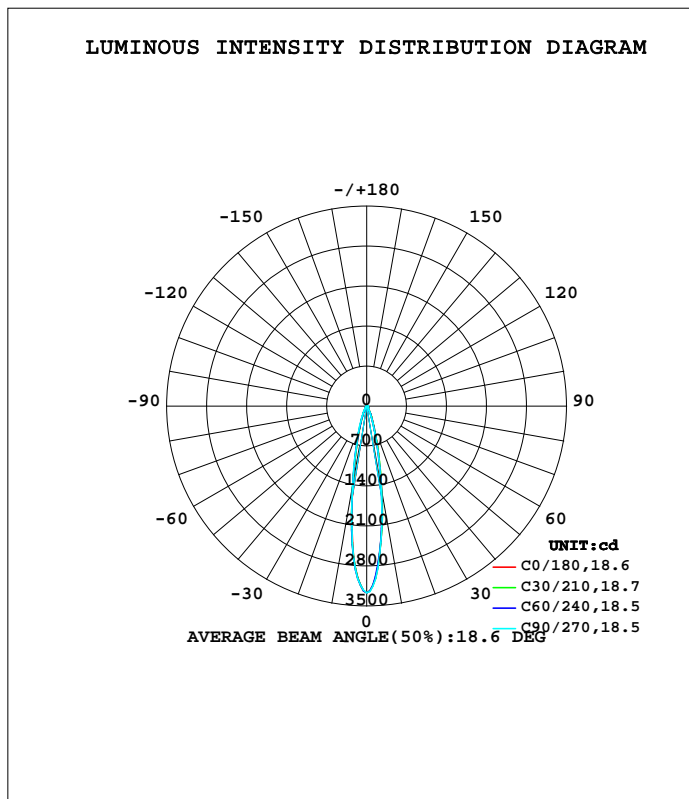


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:11.839V I:0.6986A P:6.3993W PF:0.7737 Freq:60.00Hz Lamp Flux:564.194x1 lm		
NAME: 486716-MR16-7W-3000K-15°	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:35mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 88.17 lm/W
MODEL		I _{max} (cd)	3271	S/MH(C0/180)		0.31
NOMINAL POWER(W)	--	LOR(%)	100.0	S/MH(C90/270)		0.31
RATED VOLTAGE(V)	--	TOTAL FLUX(lm)	564.19	η UP, DN(C0-180)		0.0,49.8
NOMINAL FLUX(lm)	564.194	CIE CLASS	DIRECT	η UP, DN(C180-360)		0.0,50.2
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:2022-05-29

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	1532	1532	1492	1437	1418	1424	1443	1516	0- 10	213.3	213.3	37.8,37.8
20	363.9	352.5	327.9	310.7	305.5	306.5	346.1	367.2	10- 20	200.8	414.1	73.4,73.4
30	105.3	92.30	85.63	79.25	79.60	76.91	94.83	99.54	20- 30	82.66	496.7	88,88
40	30.43	28.03	27.59	26.13	26.14	26.78	28.60	31.03	30- 40	31.61	528.3	93.6,93.6
50	15.81	15.35	15.30	14.84	14.48	14.50	14.65	16.19	40- 50	15.79	544.1	96.4,96.4
60	9.524	9.291	8.674	8.795	8.794	8.778	8.401	9.679	50- 60	10.58	554.7	98.3,98.3
70	5.456	5.120	3.359	4.761	5.126	4.858	3.324	5.321	60- 70	6.705	561.4	99.5,99.5
80	1.981	0.3238	0.0286	0.2481	1.945	0.3577	0.0194	0.3938	70- 80	2.572	564.0	100,100
90	0	0	0	0	0.0014	0	0	0.0008	80- 90	0.2064	564.2	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): 537.08 lm

%lum = 95.2%
%lamp = 95.2%

Conical surface Flux(120deg): 554.71 lm

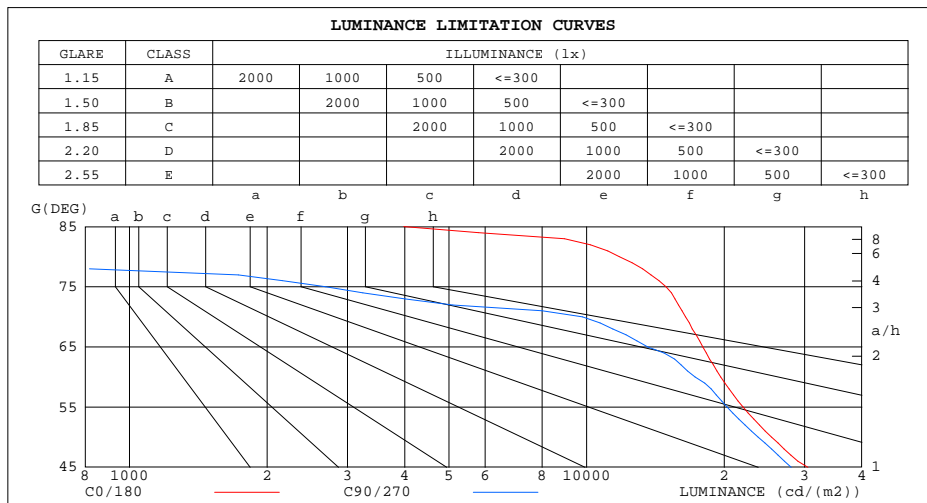
%lum = 98.3%
%lamp = 98.3%

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2022-05-29

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:11.839V I:0.6986A P:6.3993W PF:0.7737 Freq:60.00Hz Lamp Flux:564.194x1 lm		
NAME: 486716-MR16-7W-3000K-15°	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:35mm	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	3983	1
80	11784	164
75	14912	2689
70	16476	9791
65	17949	13602
60	19674	17293
55	22004	20300
50	25401	23723
45	30502	28025

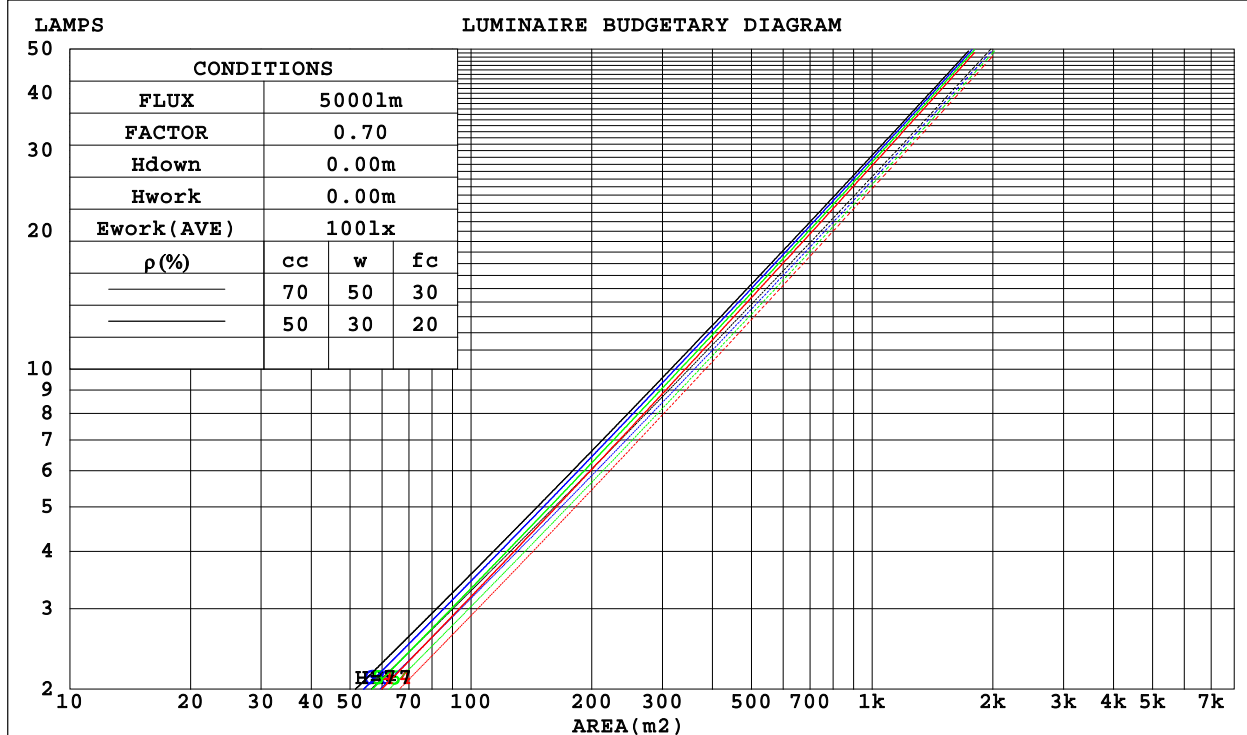
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2022-05-29

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:11.839V I:0.6986A P:6.3993W PF:0.7737 Freq:60.00Hz Lamp Flux:564.194x1 lm		
NAME: 486716-MR16-7W-3000K-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	1.00
1.0	1.12	1.10	1.08	1.10	1.08	1.07	1.06	1.05	1.03	1.03	1.01	1.00	.99	.98	.98	.96
2.0	1.06	1.03	1.00	1.05	1.02	.99	1.02	.99	.97	.99	.97	.95	.96	.95	.93	.92
3.0	1.01	.97	.94	1.00	.97	.94	.98	.95	.92	.95	.93	.91	.93	.91	.89	.88
4.0	.97	.93	.89	.96	.92	.89	.94	.91	.88	.92	.89	.87	.90	.88	.86	.85
5.0	.93	.89	.85	.92	.88	.85	.91	.87	.84	.89	.86	.84	.88	.85	.83	.82
6.0	.90	.85	.82	.89	.85	.82	.88	.84	.81	.86	.83	.81	.85	.82	.80	.79
7.0	.87	.82	.79	.86	.82	.79	.85	.81	.78	.84	.81	.78	.83	.80	.78	.77
8.0	.84	.79	.76	.83	.79	.76	.82	.79	.76	.82	.78	.76	.81	.78	.75	.74
9.0	.81	.77	.74	.81	.77	.74	.80	.76	.74	.79	.76	.74	.79	.76	.73	.72
10.0	.79	.75	.72	.79	.75	.72	.78	.74	.72	.77	.74	.72	.77	.74	.71	.70



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2022-05-29

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:11.839V I:0.6986A P:6.3993W PF:0.7737 Freq:60.00Hz Lamp Flux:564.194x1 lm		
NAME: 486716-MR16-7W-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	.148	.084	.027	.141	.080	.026	.129	.074	.024	.117	.068	.022	.107	.062	.020	
2.0	.138	.076	.023	.132	.073	.022	.122	.068	.021	.113	.063	.020	.104	.059	.019	
3.0	.129	.068	.021	.124	.066	.020	.115	.063	.019	.107	.059	.018	.100	.055	.017	
4.0	.120	.063	.018	.116	.061	.018	.109	.058	.017	.102	.055	.017	.096	.052	.016	
5.0	.113	.058	.017	.110	.056	.016	.103	.054	.016	.098	.051	.015	.092	.049	.015	
6.0	.106	.053	.015	.104	.052	.015	.098	.050	.015	.093	.048	.014	.088	.047	.014	
7.0	.101	.050	.014	.098	.049	.014	.094	.047	.014	.089	.046	.013	.085	.044	.013	
8.0	.096	.047	.013	.093	.046	.013	.089	.045	.013	.085	.043	.012	.082	.042	.012	
9.0	.091	.044	.012	.089	.043	.012	.085	.042	.012	.082	.041	.012	.079	.040	.012	
10.0	.087	.042	.012	.085	.041	.011	.082	.040	.011	.079	.039	.011	.076	.038	.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	.145	.135	.127	.099	.093	.088	.057	.054	.051	.018	.017	.016	
2.0	.152	.133	.117	.130	.114	.101	.089	.079	.070	.051	.046	.041	.016	.015	.013	
3.0	.137	.113	.094	.118	.098	.082	.081	.068	.057	.047	.040	.034	.015	.013	.011	
4.0	.125	.098	.078	.107	.085	.067	.074	.059	.047	.043	.035	.028	.014	.011	.009	
5.0	.115	.086	.065	.099	.074	.056	.068	.052	.040	.039	.030	.024	.013	.010	.008	
6.0	.106	.076	.055	.091	.066	.048	.063	.046	.034	.036	.027	.020	.012	.009	.007	
7.0	.098	.068	.047	.085	.059	.041	.058	.041	.029	.034	.024	.017	.011	.008	.006	
8.0	.092	.061	.040	.079	.053	.035	.055	.037	.025	.032	.022	.015	.010	.007	.005	
9.0	.086	.056	.035	.074	.048	.031	.051	.034	.022	.030	.020	.013	.010	.007	.004	
10.0	.081	.051	.031	.070	.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:2022-05-29

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:11.839V I:0.6986A P:6.3993W PF:0.7737 Freq:60.00Hz Lamp Flux:564.194x1 lm										
NAME: 486716-MR16-7W-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	17.6	18.3	17.8	18.5	18.6	17.1	17.8	17.3	18.0	18.1
3H	18.5	19.1	18.7	19.3	19.5	17.6	18.2	17.8	18.4	18.6
4H	18.9	19.5	19.1	19.7	19.9	17.5	18.1	17.8	18.3	18.6
6H	19.1	19.7	19.4	19.9	20.2	17.4	18.0	17.7	18.3	18.5
8H	19.1	19.7	19.4	20.0	20.2	17.4	18.0	17.7	18.2	18.5
12H	19.1	19.7	19.4	19.9	20.2	17.3	17.9	17.6	18.1	18.4
4H 2H	17.9	18.5	18.2	18.7	18.9	17.5	18.1	17.7	18.3	18.5
3H	19.0	19.5	19.3	19.8	20.0	18.0	18.6	18.3	18.8	19.1
4H	19.4	19.9	19.8	20.2	20.5	18.0	18.5	18.3	18.8	19.1
6H	19.8	20.2	20.1	20.5	20.9	17.9	18.3	18.3	18.7	19.0
8H	19.8	20.3	20.2	20.6	21.0	17.8	18.3	18.2	18.6	19.0
12H	19.8	20.2	20.2	20.6	21.0	17.8	18.2	18.2	18.5	18.9
8H 4H	19.4	19.8	19.8	20.2	20.6	18.0	18.5	18.4	18.8	19.2
6H	19.8	20.1	20.2	20.5	20.9	17.9	18.3	18.3	18.7	19.1
8H	19.9	20.2	20.3	20.6	21.0	17.9	18.2	18.3	18.6	19.0
12H	19.8	20.1	20.3	20.5	21.0	17.8	18.1	18.3	18.5	19.0
12H 4H	19.4	19.8	19.8	20.1	20.5	18.0	18.4	18.4	18.8	19.1
6H	19.7	20.0	20.2	20.4	20.9	17.9	18.2	18.3	18.6	19.0
8H	19.8	20.1	20.3	20.5	21.0	17.8	18.1	18.3	18.5	19.0
Variations with the observer position at spacings:										
S = 1.0H	+ 0.6 / - 0.7					+ 0.8 / - 1.1				
1.5H	+ 1.2 / - 0.4					+ 1.0 / - 0.5				
2.0H	+ 0.7 / - 0.6					+ 0.9 / - 0.8				

CIE Pub.117, 564.2 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = -2.0)
 Area: 0.001 m2

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2022-05-29

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:11.839V I:0.6986A P:6.3993W PF:0.7737 Freq:60.00Hz Lamp Flux:564.194x1 lm		
NAME: 486716-MR16-7W-3000K-15°	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:35mm	Shielding Angle:

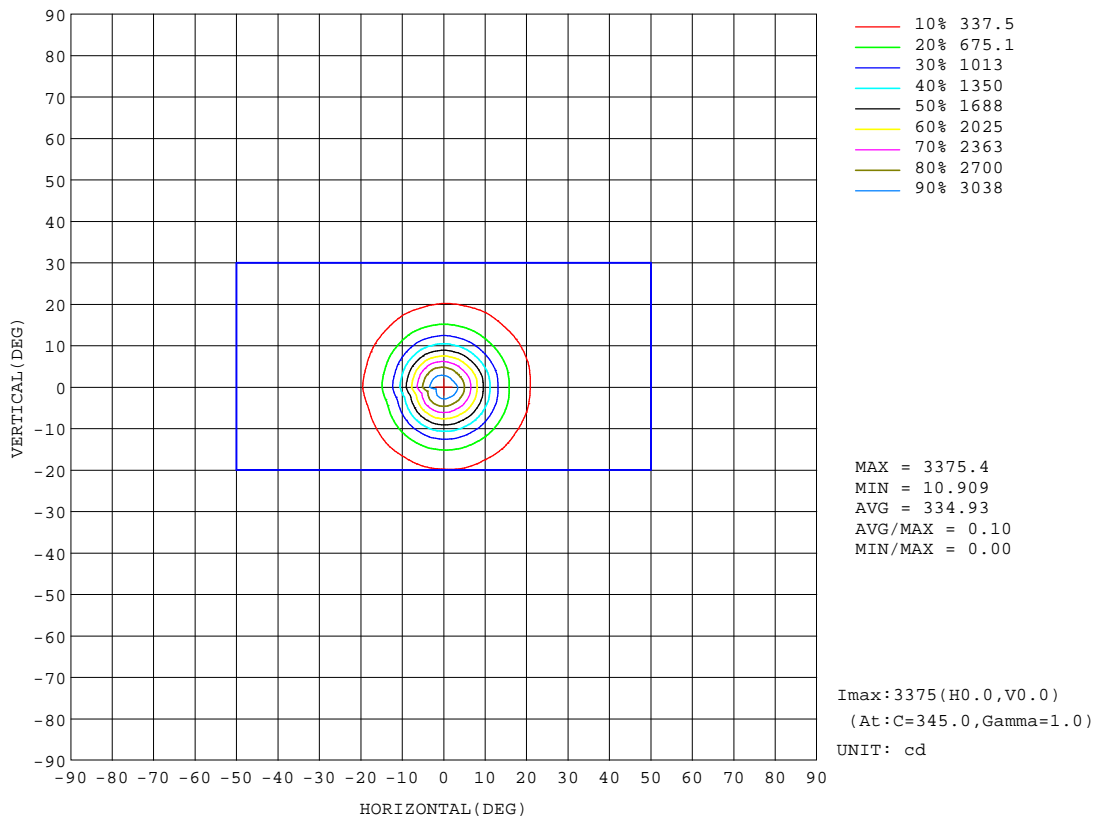
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	88	81	78	87	81	77	86	81	77	74
0.80	95	89	85	94	89	85	93	88	85	81
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	108	104	101	107	103	100	104	101	99	94
2.50	110	106	103	109	105	102	105	103	101	95
3.00	112	108	106	110	107	105	107	104	102	96
4.00	114	111	109	112	109	107	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:2022-05-29

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:11.839V I:0.6986A P:6.3993W PF:0.7737 Freq:60.00Hz Lamp Flux:564.194x1 lm		
NAME: 486716-MR16-7W-3000K-15°	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:35mm	Shielding Angle:



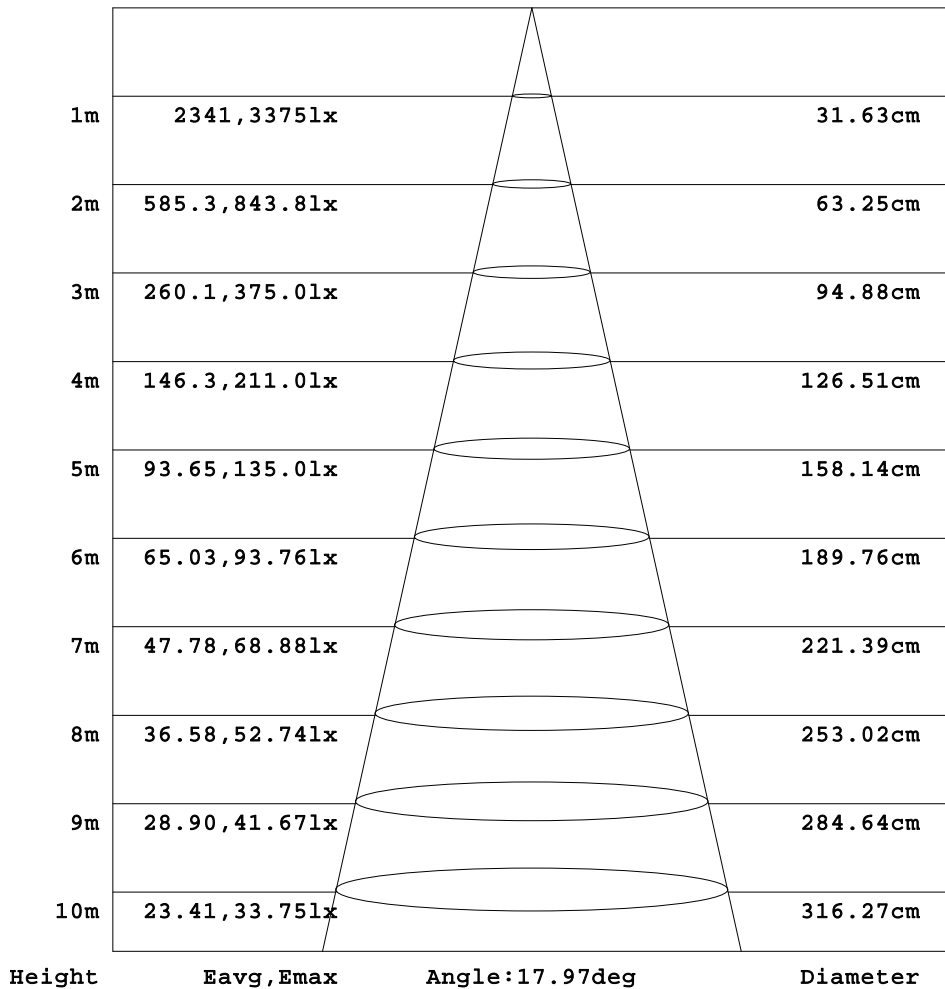
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2022-05-29

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:11.839V I:0.6986A P:6.3993W PF:0.7737 Freq:60.00Hz Lamp Flux:564.194x1 lm		
NAME: 486716-MR16-7W-3000K-15°	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:35mm	Shielding Angle:

Flux out:184.5 lm



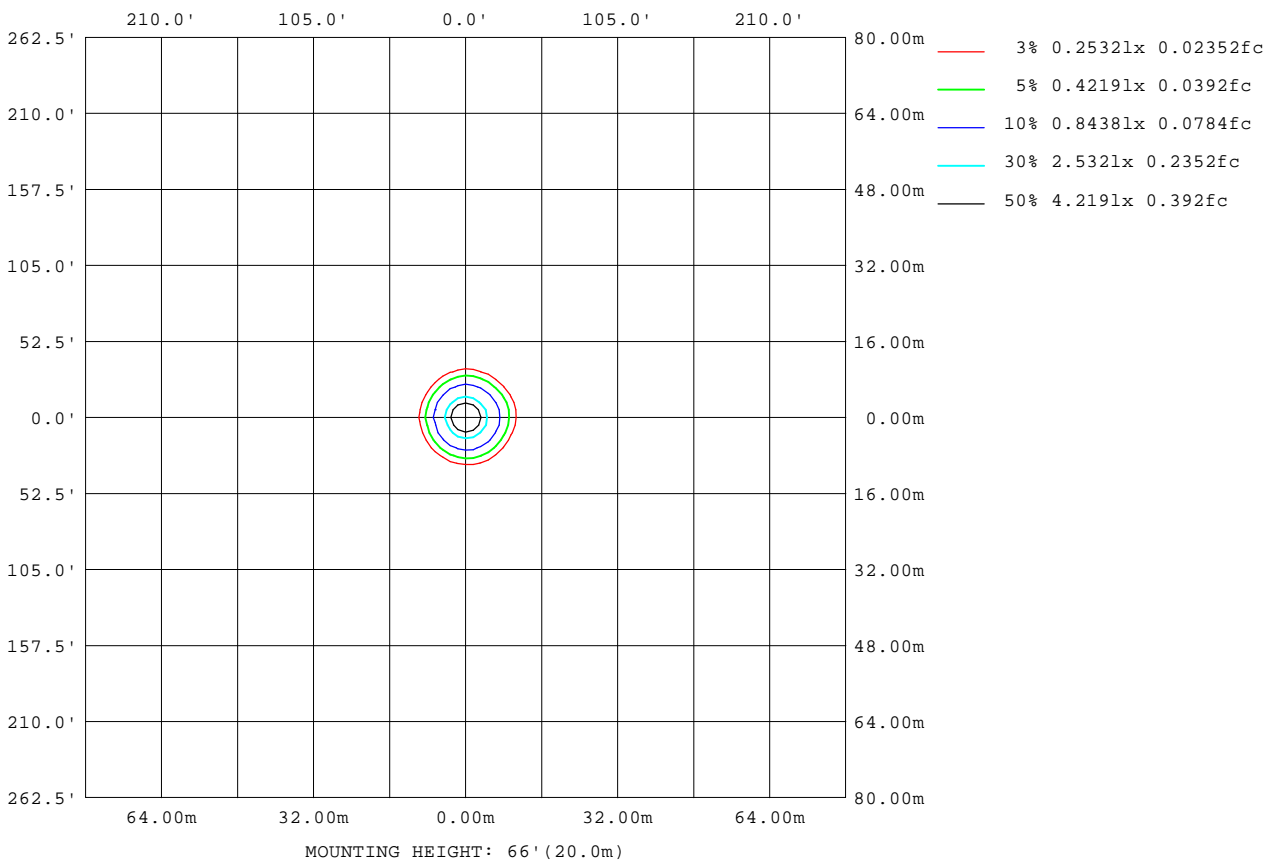
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2022-05-29

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:11.839V I:0.6986A P:6.3993W PF:0.7737 Freq:60.00Hz Lamp Flux:564.194x1 lm		
NAME: 486716-MR16-7W-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:2022-05-29

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:11.839V I:0.6986A P:6.3993W PF:0.7737 Freq:60.00Hz Lamp Flux:564.194x1 lm		
NAME: 486716-MR16-7W-3000K-15°	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:35mm	Shielding Angle:

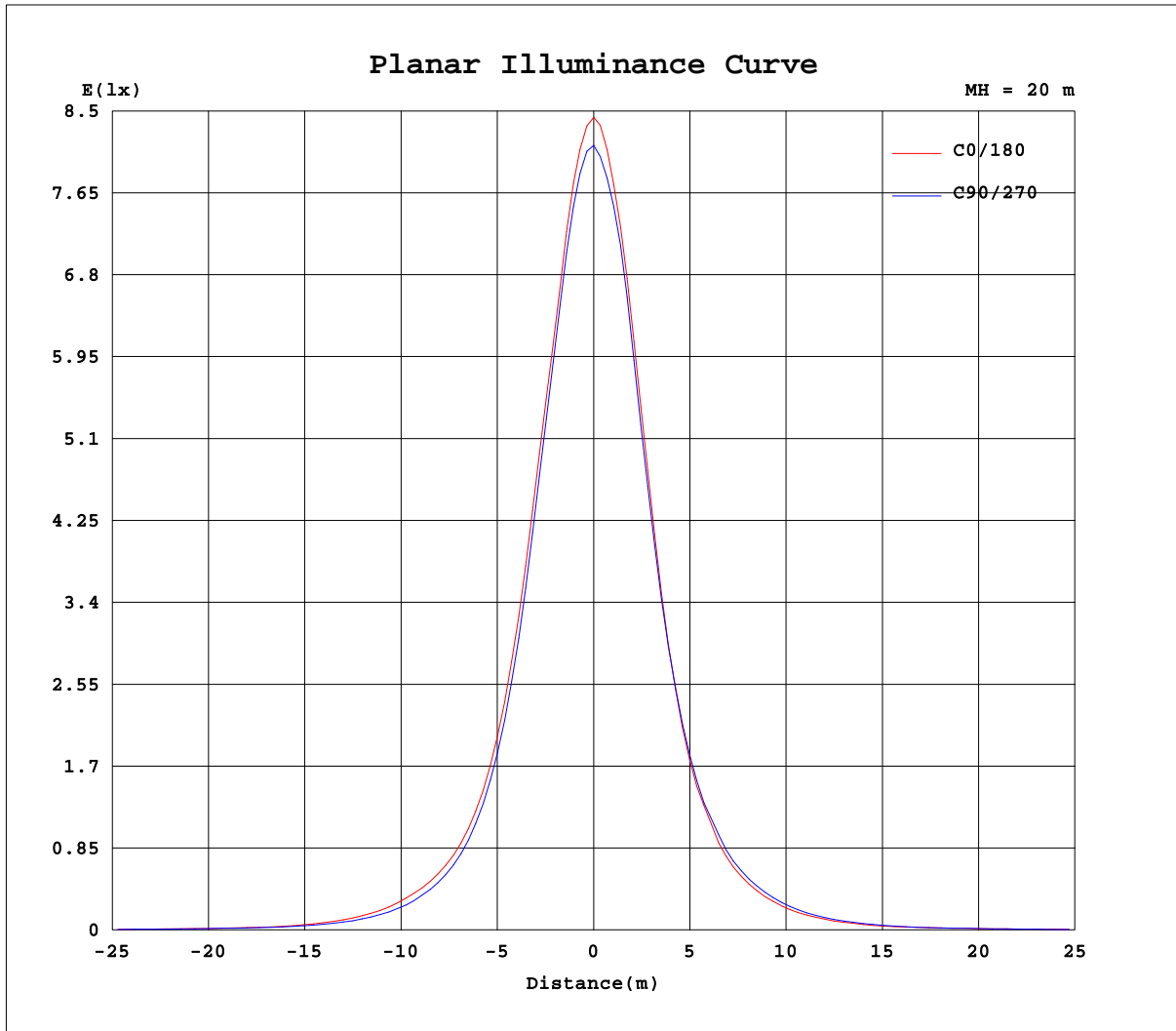
AvgL	cd/m2
L_0~180(65)av	16765
L_0~180(75)av	14114
L_0~180(85)av	4399
L_90~270(65)av	13601
L_90~270(75)av	2822
L_90~270(85)av	0
L_45(65)av	16610
L_45(75)av	9801
L_45(85)av	65

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2022-05-29

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: 2022-05-29

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:11.839V I:0.6986A P:6.3993W PF:0.7737 Freq:60.00Hz Lamp Flux:564.194x1 lm		
NAME: 486716-MR16-7W-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	3268	3268	3268	3268	3268	3268	3268	3268	3268	3268	3268	3268	3268	3268	3268	3268	3268	3268	3268
5	2610	2628	2607	2610	2587	2619	2630	2653	2646	2664	2618	2571	2650	2630	2652	2657	2683	2663	2668
10	1532	1561	1542	1532	1498	1505	1492	1494	1456	1437	1384	1341	1418	1402	1422	1424	1448	1428	1443
15	736	755	742	732	707	707	695	691	670	661	634	611	642	636	650	661	683	681	692
20	364	369	353	352	338	342	328	325	308	311	298	294	306	296	304	307	327	329	346
25	201	192	182	179	178	176	166	162	151	154	149	149	155	146	147	149	164	175	182
30	105	100	91.6	92.3	90.6	91.4	85.6	83.5	78.1	79.2	76.6	76.6	79.6	75.0	76.2	76.9	85.0	89.4	94.8
35	55.3	53.3	49.0	49.8	47.9	48.9	45.8	45.1	42.4	42.9	41.6	40.5	42.9	41.3	42.4	42.7	46.8	47.8	51.0
40	30.4	29.1	28.4	28.0	28.2	27.8	27.6	27.0	26.7	26.1	26.4	26.1	26.1	26.3	26.3	26.8	27.5	28.3	28.6
45	20.9	20.2	19.8	19.8	19.9	19.9	19.9	19.7	19.6	19.3	19.4	19.5	19.1	19.1	19.1	19.2	19.6	19.8	19.8
50	15.8	15.8	15.3	15.3	15.5	15.3	15.3	15.2	15.1	14.8	14.9	15.0	14.5	14.5	14.5	14.5	14.7	14.6	14.7
55	12.2	12.3	11.9	11.9	11.9	11.7	11.7	11.5	11.6	11.4	11.5	11.5	11.2	11.3	11.3	11.3	11.3	11.2	11.2
60	9.52	9.64	9.24	9.29	9.19	9.00	8.67	8.81	8.97	8.80	8.93	8.92	8.79	8.82	8.87	8.78	8.73	8.53	8.40
65	7.34	7.42	7.16	7.11	6.73	6.16	5.77	6.07	6.64	6.78	6.93	6.88	6.83	6.85	6.89	6.77	6.46	5.96	5.73
70	5.46	5.52	5.33	5.12	4.11	3.56	3.36	3.48	3.98	4.76	5.14	5.10	5.13	5.14	5.14	4.86	4.07	3.51	3.32
75	3.74	3.79	3.60	2.62	0.99	0.74	0.70	0.75	1.02	2.21	3.37	3.45	3.57	3.57	3.49	2.50	1.08	0.82	0.76
80	1.98	2.02	1.30	0.32	0.05	0.02	0.03	0.02	0.05	0.25	0.67	1.75	1.95	1.93	1.04	0.36	0.05	0.02	0.02
85	0.34	0.25	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.43	0.25	0.01	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:2022-05-29

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:11.839V I:0.6986A P:6.3993W PF:0.7737 Freq:60.00Hz Lamp Flux:564.194x1 lm		
NAME: 486716-MR16-7W-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	3268	3268	3268	3268	3268															
5	2645	2660	2666	2722	2781															
10	1440	1483	1516	1587	1655															
15	693	711	723	761	795															
20	348	365	367	390	402															
25	185	191	193	208	222															
30	94.2	99.1	99.5	110	117															
35	50.5	53.6	54.1	58.9	61.9															
40	29.1	29.8	31.0	32.1	33.9															
45	20.0	20.6	21.3	22.0	22.8															
50	14.8	15.4	16.2	16.7	17.0															
55	11.3	11.7	12.4	12.8	13.0															
60	8.61	9.14	9.68	9.96	10.11															
65	6.00	6.77	7.42	7.69	7.82															
70	3.54	4.28	5.32	5.69	5.85															
75	0.83	1.14	2.81	3.86	4.06															
80	0.02	0.07	0.39	1.52	2.22															
85	0.00	0.00	0.01	0.02	0.40															
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:2022-05-29

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: