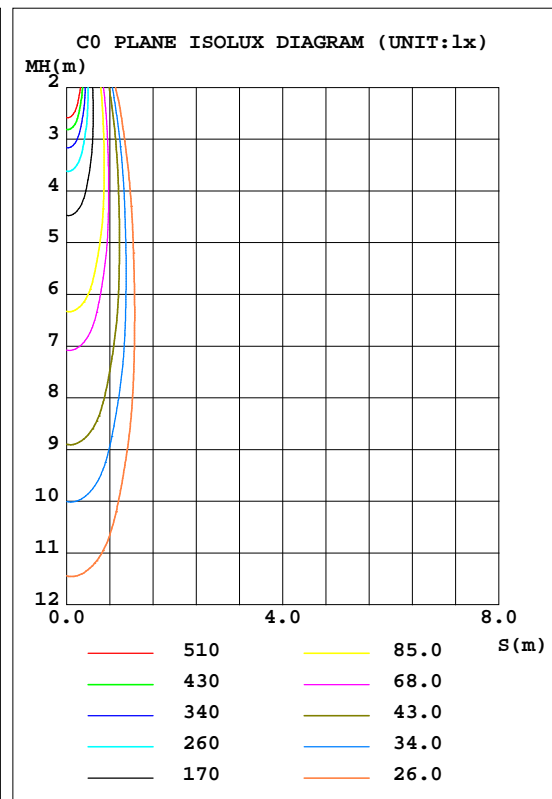
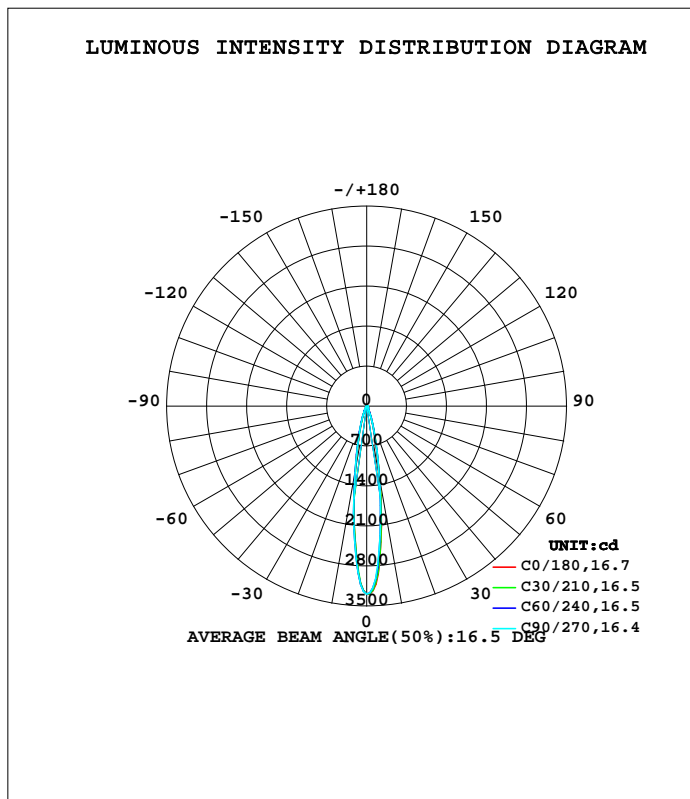


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:11.956V I:0.5878A P:5.0705W PF:0.7214 Freq:60.00Hz Lamp Flux:466.82lx1 lm		
NAME: 486753-MR16-5W-2700K-15°	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:35mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL		I _{max} (cd)	3324	S/MH(C0/180)	0.27
NOMINAL POWER(W)	--	LOR(%)	100.0	S/MH(C90/270)	0.27
RATED VOLTAGE(V)	--	TOTAL FLUX(lm)	466.82	η UP, DN(C0-180)	0.0,51.1
NOMINAL FLUX(lm)	466.821	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0,48.9
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	1332	1346	1306	1263	1174	1158	1185	1246	0- 10	196.7	196.7	42.1,42.1
20	258.9	287.5	252.4	263.9	232.6	241.1	237.8	263.2	10- 20	161.5	358.3	76.7,76.7
30	61.22	73.74	61.80	70.11	58.97	62.54	57.87	63.68	20- 30	60.69	419.0	89.7,89.7
40	19.21	20.14	20.25	20.98	19.17	19.12	18.37	19.57	30- 40	22.17	441.1	94.5,94.5
50	10.75	11.09	10.93	11.98	11.09	11.08	10.39	10.82	40- 50	11.24	452.4	96.9,96.9
60	6.601	6.726	6.284	7.038	6.576	6.405	5.952	6.607	50- 60	7.653	460.0	98.5,98.5
70	3.877	3.625	2.383	3.772	3.865	3.454	2.308	3.698	60- 70	4.868	464.9	99.6,99.6
80	1.469	0.1864	0.0216	0.1452	1.309	0.1351	0.0185	0.2238	70- 80	1.795	466.7	100,100
90	0	0	0	0	0	0	0	0	80- 90	0.1400	466.8	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): 447.26 lm

%lum = 95.8%
%lamp = 95.8%

Conical surface Flux(120deg): 460.02 lm

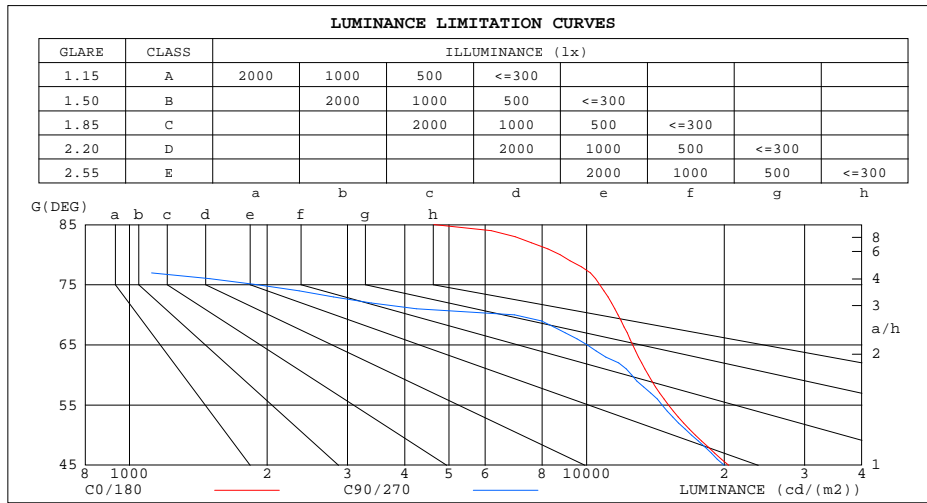
%lum = 98.5%
%lamp = 98.5%

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:11.956V I:0.5878A P:5.0705W PF:0.7214 Freq:60.00Hz Lamp Flux:466.821x1 lm		
NAME: 486753-MR16-5W-2700K-15°	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:35mm	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	4638	1
80	8750	124
75	10685	1906
70	11724	6959
65	12620	10042
60	13653	12554
55	15107	14633
50	17301	16983
45	20459	19995

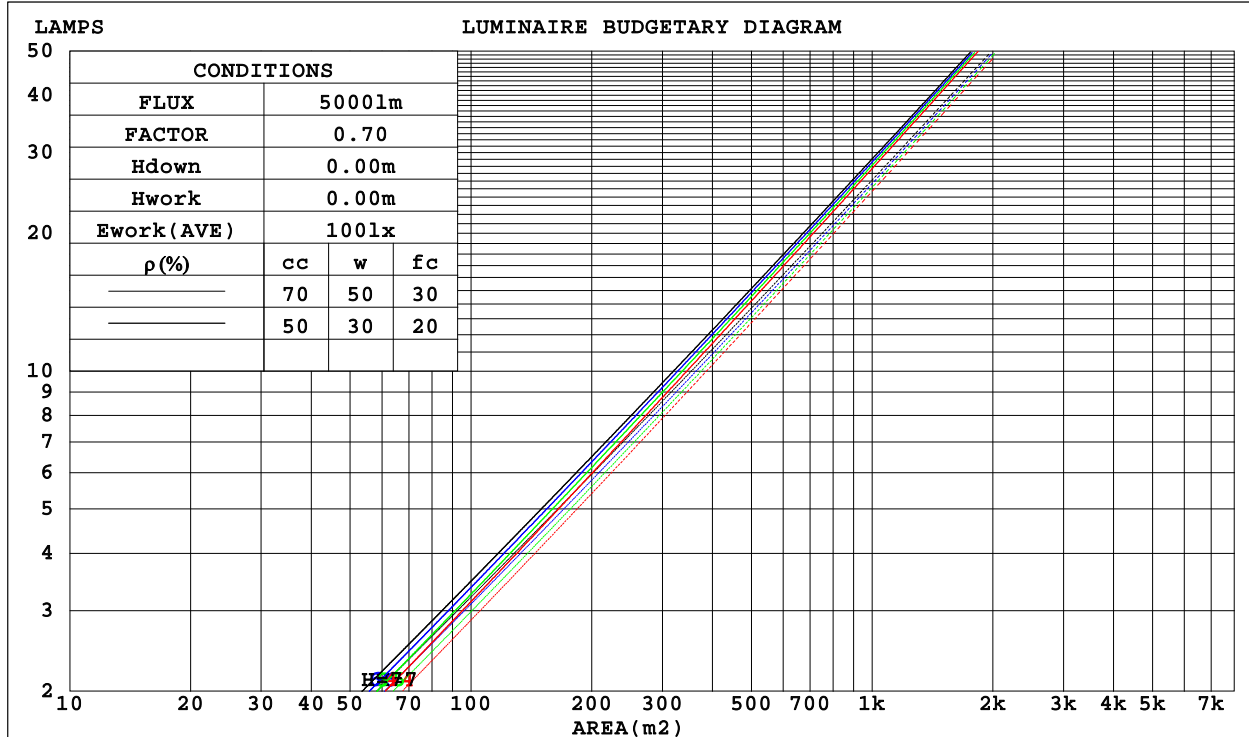
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2022-06-01

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:11.956V I:0.5878A P:5.0705W PF:0.7214 Freq:60.00Hz Lamp Flux:466.82lx1 lm		
NAME: 486753-MR16-5W-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	1.00
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	.83
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	.76	.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:11.956V I:0.5878A P:5.0705W PF:0.7214 Freq:60.00Hz Lamp Flux:466.82lx1 lm		
NAME: 486753-MR16-5W-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	.064	.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	.105	.054	.016	.098	.051	.015	.093	.049	.015	.087	.047	.014	
6.0	.101	.051	.015	.099	.050	.014	.093	.048	.014	.088	.046	.014	.084	.044	.013	
7.0	.096	.047	.013	.093	.047	.013	.089	.045	.013	.085	.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	.075	.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:11.956V I:0.5878A P:5.0705W PF:0.7214 Freq:60.00Hz Lamp Flux:466.82lx1 lm										
NAME: 486753-MR16-5W-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	15.5	16.2	15.7	16.4	16.5	15.5	16.1	15.7	16.3	16.4
3H	16.5	17.1	16.7	17.3	17.5	15.9	16.5	16.1	16.7	16.9
4H	16.9	17.5	17.2	17.7	17.9	15.8	16.4	16.1	16.7	16.9
6H	17.2	17.7	17.5	18.0	18.2	15.8	16.3	16.0	16.6	16.8
8H	17.2	17.8	17.5	18.0	18.3	15.7	16.3	16.0	16.5	16.8
12H	17.2	17.8	17.5	18.0	18.3	15.7	16.2	16.0	16.5	16.7
4H 2H	15.9	16.5	16.2	16.7	16.9	15.8	16.4	16.1	16.6	16.8
3H	17.0	17.6	17.3	17.8	18.1	16.3	16.9	16.7	17.1	17.4
4H	17.6	18.0	17.9	18.3	18.6	16.3	16.8	16.6	17.1	17.4
6H	17.9	18.3	18.3	18.7	19.0	16.2	16.6	16.6	17.0	17.3
8H	18.0	18.4	18.4	18.7	19.1	16.1	16.5	16.5	16.9	17.2
12H	18.0	18.4	18.4	18.7	19.1	16.1	16.5	16.5	16.8	17.2
8H 4H	17.5	17.9	17.9	18.3	18.6	16.3	16.7	16.7	17.1	17.4
6H	17.9	18.2	18.3	18.6	19.0	16.2	16.6	16.6	16.9	17.4
8H	18.0	18.3	18.4	18.7	19.1	16.2	16.5	16.6	16.9	17.3
12H	18.0	18.3	18.5	18.7	19.2	16.1	16.3	16.6	16.8	17.3
12H 4H	17.5	17.8	17.9	18.2	18.6	16.3	16.7	16.7	17.0	17.4
6H	17.8	18.1	18.3	18.6	19.0	16.2	16.5	16.6	16.9	17.3
8H	17.9	18.2	18.4	18.6	19.1	16.1	16.4	16.6	16.8	17.3
Variations with the observer position at spacings:										
S = 1.0H	+ 0.4 / - 0.6					+ 0.7 / - 1.0				
1.5H	+ 0.7 / - 0.4					+ 1.2 / - 0.9				
2.0H	+ 0.6 / - 0.5					+ 0.8 / - 0.9				

CIE Pub.117, 466.8 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = -2.6)
 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:11.956V I:0.5878A P:5.0705W PF:0.7214 Freq:60.00Hz Lamp Flux:466.82lx1 lm		
NAME: 486753-MR16-5W-2700K-15°	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:35mm	Shielding Angle:

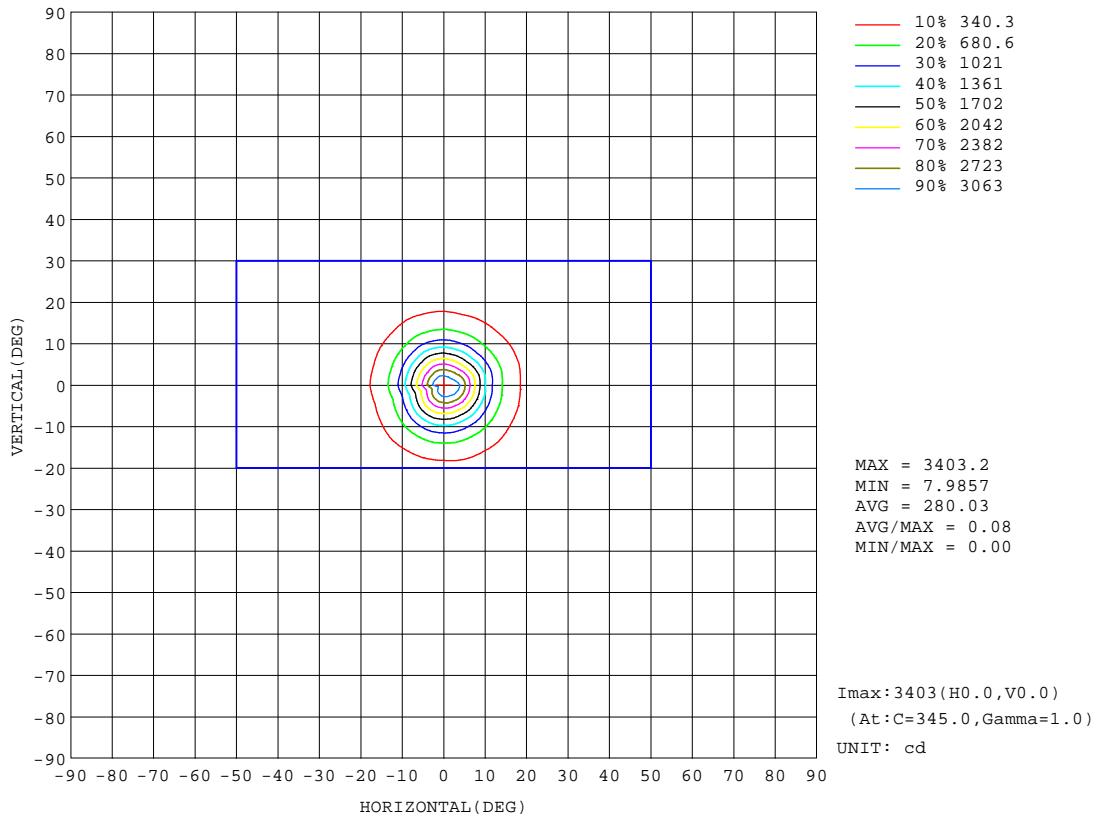
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	88	82	78	88	82	78	87	81	78	75
0.80	95	90	86	95	89	86	94	89	86	82
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:11.956V I:0.5878A P:5.0705W PF:0.7214 Freq:60.00Hz Lamp Flux:466.82lx1 lm		
NAME: 486753-MR16-5W-2700K-15°	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:35mm	Shielding Angle:



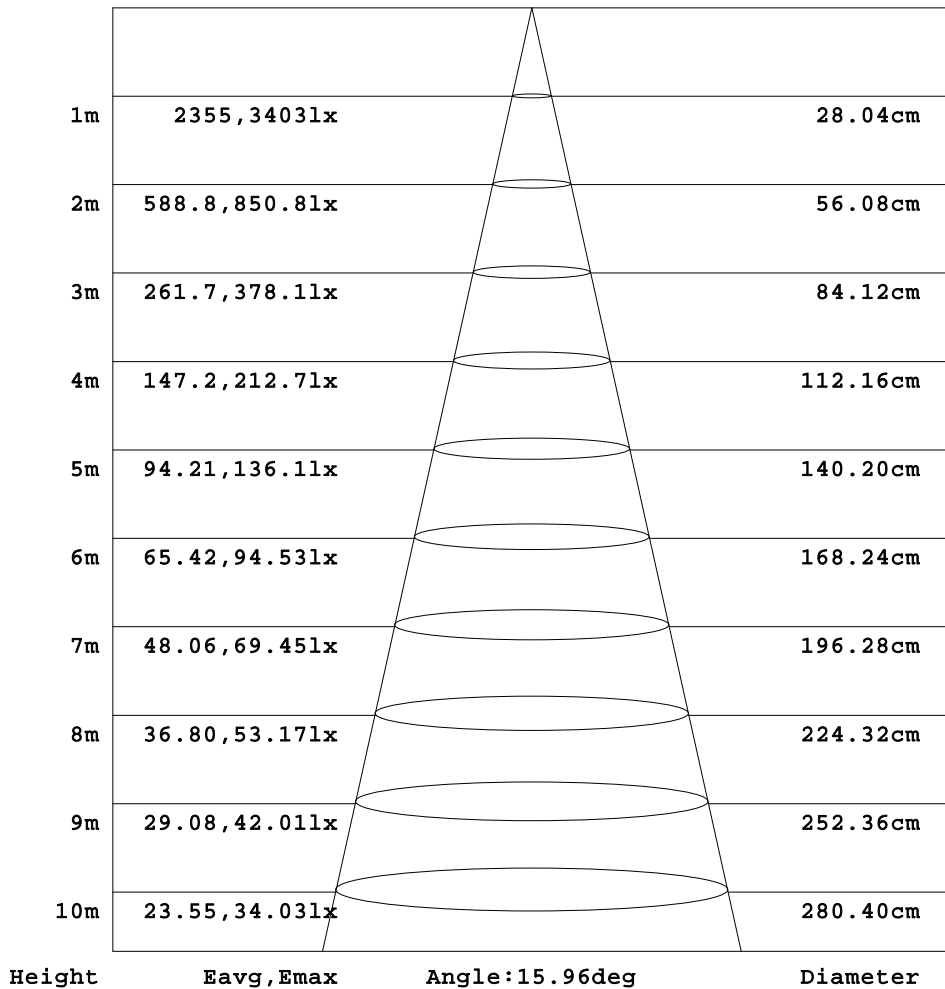
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2022-06-01

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:11.956V I:0.5878A P:5.0705W PF:0.7214 Freq:60.00Hz Lamp Flux:466.82lx1 lm		
NAME: 486753-MR16-5W-2700K-15°	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:35mm	Shielding Angle:

Flux out:146.1 lm



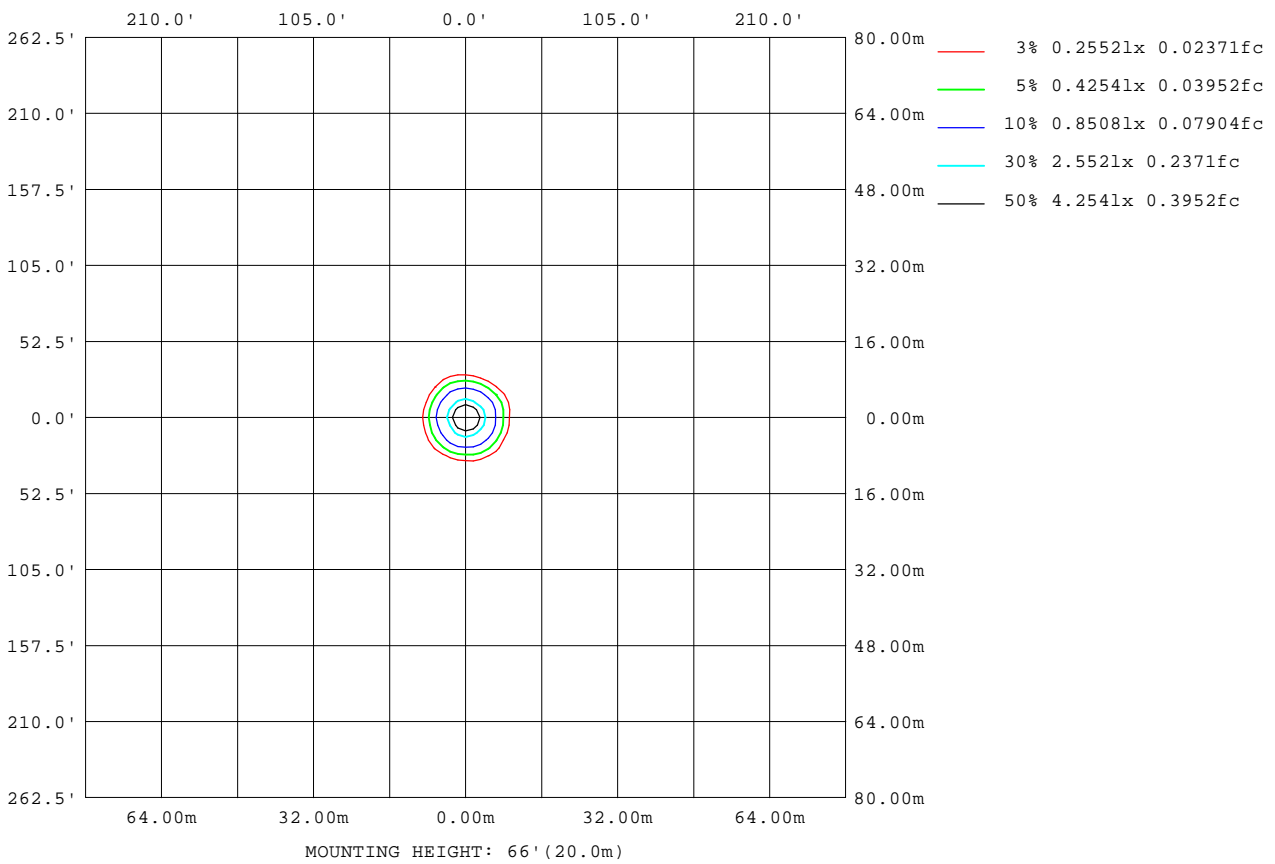
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:11.956V I:0.5878A P:5.0705W PF:0.7214 Freq:60.00Hz Lamp Flux:466.82lx1 lm		
NAME: 486753-MR16-5W-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:11.956V I:0.5878A P:5.0705W PF:0.7214 Freq:60.00Hz Lamp Flux:466.821x1 lm		
NAME: 486753-MR16-5W-2700K-15°	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:35mm	Shielding Angle:

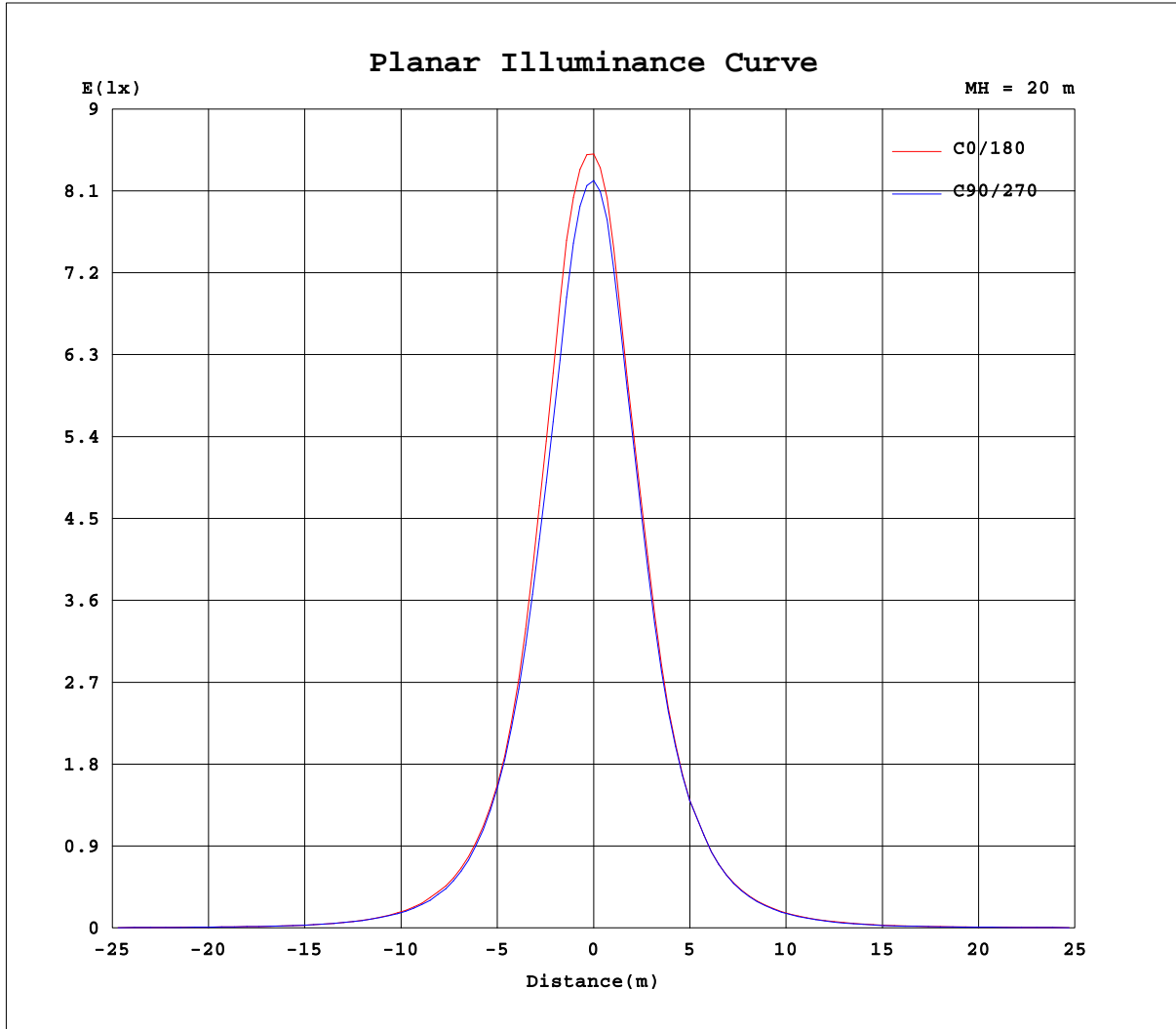
AvgL	cd/m2
L_0~180(65)av	12204
L_0~180(75)av	10237
L_0~180(85)av	3371
L_90~270(65)av	9770
L_90~270(75)av	1752
L_90~270(85)av	0
L_45(65)av	12228
L_45(75)av	6582
L_45(85)av	41

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:11.956V I:0.5878A P:5.0705W PF:0.7214 Freq:60.00Hz Lamp Flux:466.82lx1 lm		
NAME: 486753-MR16-5W-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	3291	3291	3291	3291	3291	3291	3291	3291	3291	3291	3291	3291	3291	3291	3291	3291	3291	3291	3291
5	2692	2702	2665	2644	2559	2552	2527	2526	2490	2455	2357	2276	2369	2346	2348	2345	2399	2395	2403
10	1332	1357	1340	1346	1303	1310	1306	1320	1292	1263	1179	1111	1174	1147	1157	1158	1202	1188	1185
15	572	588	592	601	584	588	577	595	565	568	511	503	522	498	520	506	545	525	540
20	259	268	271	288	275	272	252	254	254	264	249	230	233	224	234	241	255	243	238
25	122	126	130	147	139	131	119	120	122	135	129	115	112	107	114	122	132	118	113
30	61.2	63.1	65.1	73.7	70.7	67.3	61.8	62.8	63.9	70.1	66.6	60.3	59.0	56.4	59.4	62.5	66.8	60.4	57.9
35	31.7	31.9	33.5	35.8	35.8	34.2	33.7	33.7	34.9	36.7	35.9	32.6	31.9	31.4	31.6	33.1	33.8	32.1	30.3
40	19.2	19.1	19.9	20.1	20.6	19.8	20.3	20.1	20.8	21.0	21.1	19.6	19.2	18.8	18.8	19.1	19.4	18.9	18.4
45	14.0	13.7	14.0	14.3	14.3	14.0	14.2	14.6	14.9	15.3	15.2	14.9	14.4	14.1	14.2	14.3	14.3	13.9	13.5
50	10.8	10.6	10.8	11.1	10.9	10.8	10.9	11.3	11.7	12.0	11.7	11.3	11.1	11.0	11.0	11.1	11.1	10.8	10.4
55	8.38	8.24	8.44	8.57	8.39	8.35	8.40	8.62	8.85	9.04	8.78	8.61	8.32	8.26	8.29	8.27	8.32	8.21	8.00
60	6.60	6.52	6.68	6.73	6.50	6.28	6.28	6.48	6.86	7.04	6.85	6.78	6.58	6.49	6.49	6.40	6.39	6.15	5.95
65	5.16	5.11	5.19	5.18	4.74	4.29	4.25	4.42	4.97	5.42	5.33	5.28	5.16	5.07	5.02	4.93	4.67	4.18	4.01
70	3.88	3.85	3.88	3.63	2.85	2.53	2.38	2.63	3.01	3.77	3.96	3.91	3.86	3.79	3.72	3.45	2.82	2.46	2.31
75	2.67	2.67	2.58	1.67	0.65	0.53	0.49	0.55	0.65	1.69	2.57	2.60	2.62	2.57	2.45	1.62	0.59	0.45	0.41
80	1.47	1.46	0.60	0.19	0.02	0.02	0.02	0.02	0.02	0.15	0.43	1.21	1.31	1.27	0.50	0.14	0.02	0.02	0.02
85	0.39	0.18	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.20	0.08	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:11.956V I:0.5878A P:5.0705W PF:0.7214 Freq:60.00Hz Lamp Flux:466.821x1 lm		
NAME: 486753-MR16-5W-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	3291	3291	3291	3291	3291														
5	2397	2444	2507	2673	2826														
10	1177	1213	1246	1356	1471														
15	523	556	558	613	634														
20	229	248	263	290	296														
25	107	118	129	151	146														
30	55.0	59.0	63.7	74.2	72.3														
35	29.8	30.2	32.4	35.1	36.4														
40	18.2	18.6	19.6	20.6	21.6														
45	13.4	13.7	14.3	14.9	15.2														
50	10.3	10.5	10.8	11.3	11.7														
55	8.00	8.21	8.40	8.83	9.24														
60	6.13	6.40	6.61	7.01	7.31														
65	4.23	4.77	5.14	5.53	5.76														
70	2.47	2.86	3.70	4.16	4.37														
75	0.48	0.68	1.83	2.83	3.04														
80	0.02	0.02	0.22	1.00	1.71														
85	0.00	0.00	0.01	0.01	0.43														
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: