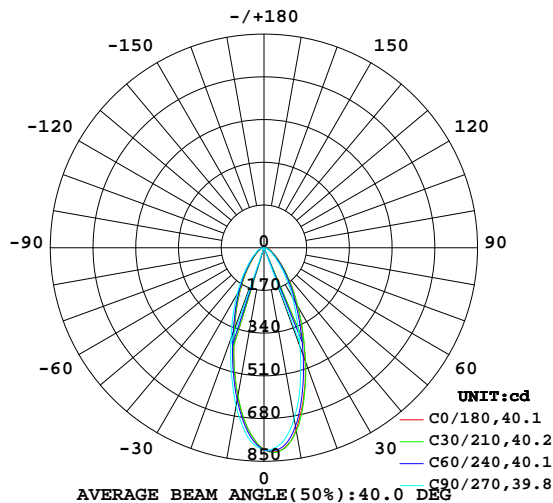


## LUMINAIRE PHOTOMETRIC TEST REPORT

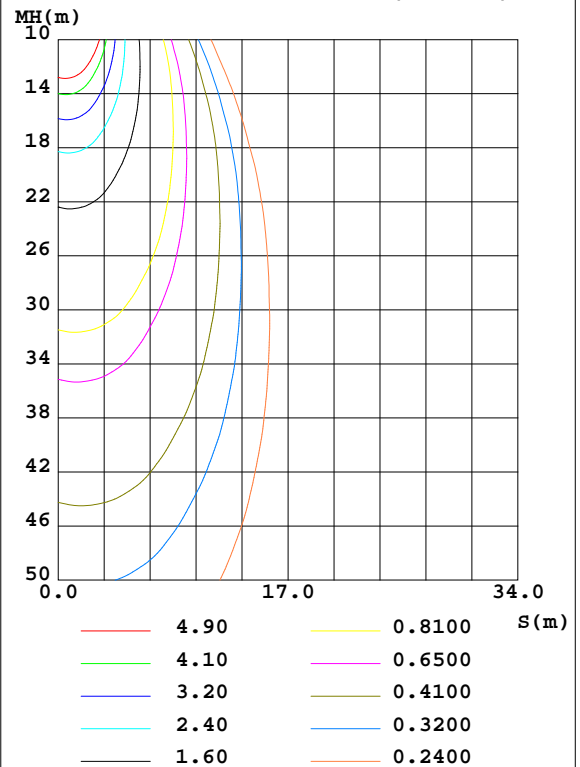
Test:U:24.20V I:0.2401A P:5.810W PF:1.0000 Freq:0Hz Lamp Flux:611.943x1 lm		
NAME: MR16-7W DC:24V	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 105.33 lm/W			
MODEL	7W	I <sub>max</sub> (cd)	816.3	S/MH(C0/180)	0.56
NOMINAL POWER(W)	7	LOR(%)	100.0	S/MH(C90/270)	0.61
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	611.94	η UP,DN(C0-180)	0.4,51.7
NOMINAL FLUX(lm)	611.943	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.4,47.5
LAMPS INSIDE	1	η up(%)	0.8	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	24	η down(%)	99.2	CIBSE SHR MAX	0.70

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:24.5DEG  
Operators:  
Test Date:2018-01-17

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.361  
Humidity:47.5%  
Test Distance:10.410m [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	735.4	731.2	691.9	640.3	600.6	606.1	640.8	692.0	0- 10	70.05	70.05	11.4,11.4
20	479.3	470.6	418.5	372.9	343.2	353.5	383.5	430.7	10- 20	147.8	217.9	35.6,35.6
30	267.2	259.6	227.0	200.1	184.1	193.5	215.0	244.9	20- 30	139.7	357.6	58.4,58.4
40	143.4	136.6	115.1	99.84	92.02	98.65	112.6	129.6	30- 40	102.4	460.0	75.2,75.2
50	75.17	67.53	56.06	48.60	46.01	50.90	60.79	70.22	40- 50	64.51	524.5	85.7,85.7
60	41.56	35.77	28.93	25.65	24.27	29.17	34.86	38.45	50- 60	39.43	564.0	92.2,92.2
70	25.51	21.20	15.03	12.93	11.67	15.65	21.02	24.35	60- 70	24.73	588.7	96.2,96.2
80	12.89	9.578	5.779	4.414	3.549	4.964	8.695	11.25	70- 80	13.61	602.3	98.4,98.4
90	3.972	2.124	0.3766	0	0	0.3770	2.445	3.673	80- 90	4.474	606.8	99.2,99.2
100	1.392	0.0183	0	0	0	0	0.1806	1.329	90-100	0.8881	607.7	99.3,99.3
110	0	0.0112	0.0889	0.0999	0.1111	0.0370	0	0.0000	100-110	0.0978	607.8	99.3,99.3
120	0.1403	0.2111	0.3114	0.3592	0.3706	0.3000	0.1845	0.1407	110-120	0.1279	607.9	99.3,99.3
130	0.5106	0.5813	0.7262	0.8070	0.7929	0.7072	0.5702	0.4742	120-130	0.3870	608.3	99.4,99.4
140	1.058	1.144	1.311	1.432	1.385	1.292	1.118	1.044	130-140	0.7050	609.0	99.5,99.5
150	1.746	1.844	1.984	2.081	2.007	1.929	1.755	1.662	140-150	0.9676	610.0	99.7,99.7
160	2.332	2.391	2.503	2.547	2.488	2.403	2.287	2.229	150-160	0.9900	611.0	99.8,99.8
170	2.680	2.721	2.777	2.773	2.769	2.684	2.591	2.599	160-170	0.7228	611.7	100,100
180	2.888	2.854	2.836	2.828	2.910	2.869	2.836	2.821	170-180	0.2627	611.9	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 496.27 lm

%lum = 81.1%

%lamp = 81.1%

Conical surface Flux(120deg): 563.97 lm

%lum = 92.2%

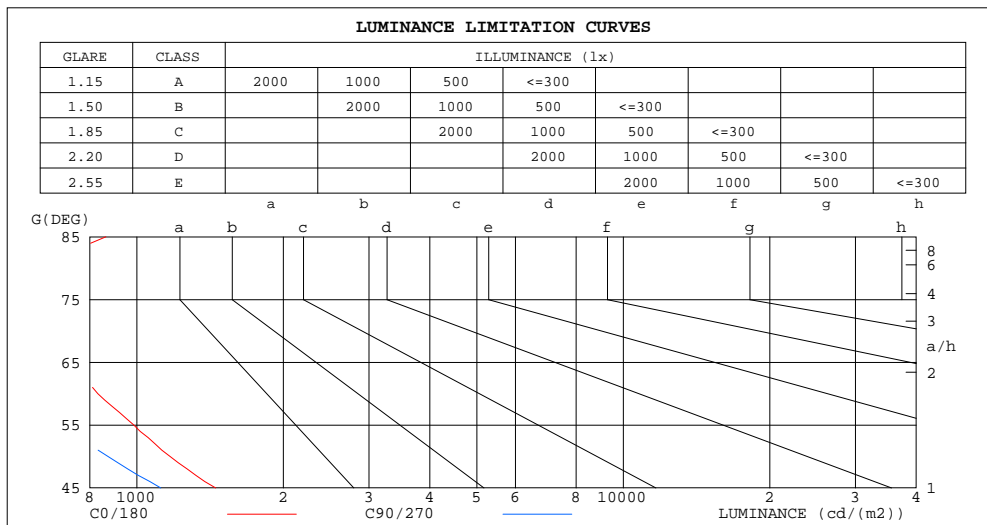
%lamp = 92.2%

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:24.5DEG  
Operators:  
Test Date:2018-01-17

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.361  
Humidity:47.5%  
Test Distance:10.410m [K=1.0000]  
Remarks:

## LUMINANCE LIMITATION CURVES

Test:U:24.20V I:0.2401A P:5.810W PF:1.0000 Freq:0Hz Lamp Flux:611.943x1 lm		
NAME: MR16-7W DC:24V	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	864	302
80	743	333
75	756	381
70	746	439
65	765	499
60	831	579
55	986	691
50	1169	872
45	1451	1120

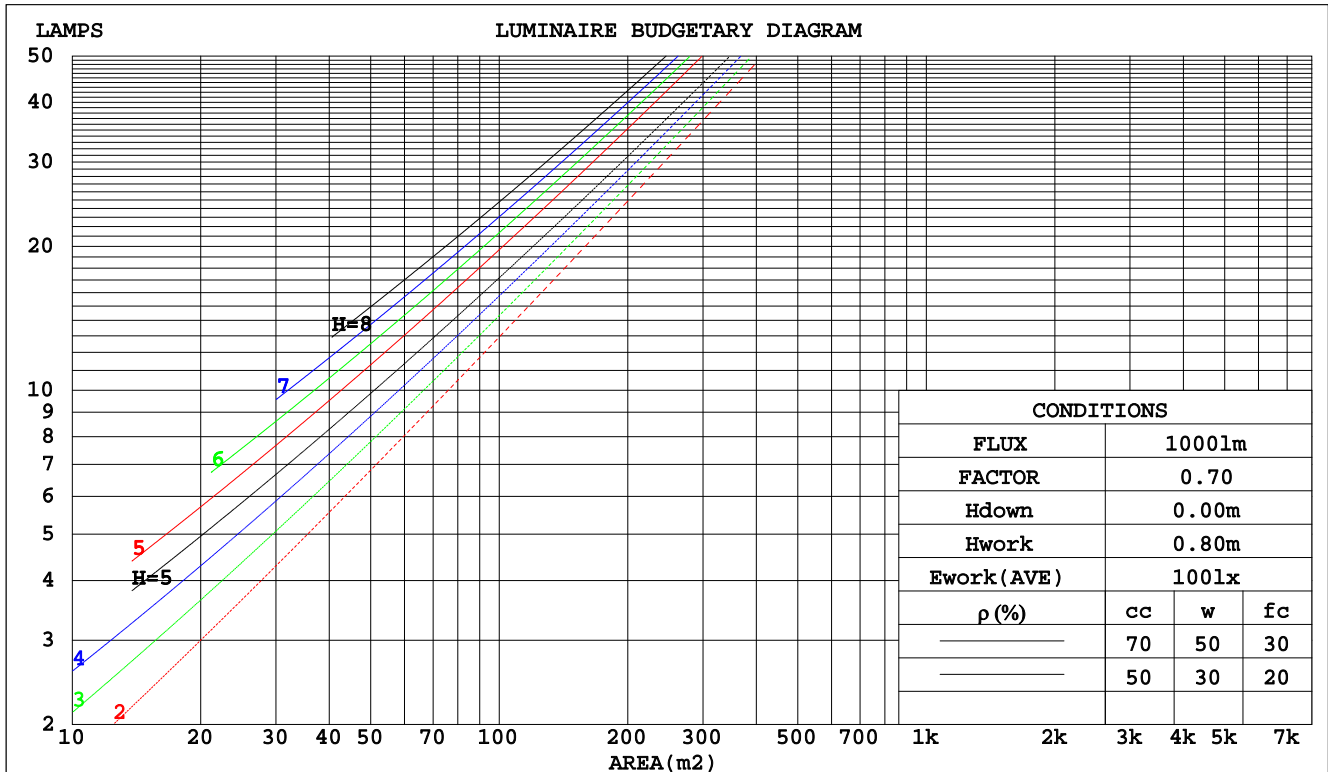
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 24.5DEG  
Operators:  
Test Date: 2018-01-17

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.361  
Humidity: 47.5%  
Test Distance: 10.410m [K=1.0000]  
Remarks:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.20V I:0.2401A P:5.810W PF:1.0000 Freq:0Hz Lamp Flux:611.943x1 lm		
NAME: MR16-7W DC:24V	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

$\rho_{cc}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	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	1.01	1.01	1.01	.99
1.0	1.08	1.05	1.03	1.06	1.03	1.01	1.02	.99	.98	.98	.96	.95	.94	.93	.92	.90
2.0	.99	.94	.90	.97	.93	.89	.94	.90	.87	.91	.88	.85	.88	.85	.83	.81
3.0	.91	.85	.81	.90	.84	.80	.87	.82	.78	.84	.80	.77	.82	.78	.76	.74
4.0	.84	.78	.73	.83	.77	.72	.81	.75	.71	.78	.74	.70	.76	.73	.69	.68
5.0	.78	.71	.66	.77	.71	.66	.75	.70	.65	.73	.68	.65	.71	.67	.64	.62
6.0	.73	.66	.61	.72	.65	.61	.70	.65	.60	.69	.64	.60	.67	.63	.59	.58
7.0	.68	.61	.57	.67	.61	.56	.66	.60	.56	.65	.59	.56	.63	.59	.55	.54
8.0	.64	.57	.53	.63	.57	.53	.62	.56	.52	.61	.56	.52	.60	.55	.52	.50
9.0	.60	.54	.49	.60	.53	.49	.59	.53	.49	.58	.52	.49	.57	.52	.49	.47
10.0	.57	.51	.46	.56	.50	.46	.55	.50	.46	.55	.50	.46	.54	.49	.46	.44



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:24.5DEG  
Operators:  
Test Date:2018-01-17

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.361  
Humidity:47.5%  
Test Distance:10.410m [K=1.0000]  
Remarks:

# WEC AND CCEC

Test:U:24.20V I:0.2401A P:5.810W PF:1.0000 Freq:0Hz Lamp Flux:611.943x1 lm									
NAME: MR16-7W DC:24V					TYPE:			WEIGHT:	
SPEC.:					DIM.:			SERIAL No.:	
MFR.:					SUR.:			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	.217	.124	.039	.210	.120	.038	.197	.113	.036	.185	.107	.034	.174	.101	.032	
2.0	.206	.113	.035	.200	.110	.034	.189	.105	.033	.178	.100	.031	.168	.095	.030	
3.0	.193	.103	.031	.188	.101	.030	.178	.097	.029	.169	.093	.028	.161	.089	.028	
4.0	.181	.094	.028	.177	.093	.027	.168	.089	.027	.160	.086	.026	.153	.083	.025	
5.0	.170	.087	.025	.167	.085	.025	.159	.083	.024	.152	.080	.024	.145	.078	.023	
6.0	.161	.080	.023	.157	.079	.023	.150	.077	.022	.144	.075	.022	.138	.073	.022	
7.0	.152	.075	.021	.148	.074	.021	.143	.072	.021	.137	.070	.020	.132	.068	.020	
8.0	.144	.070	.020	.141	.069	.020	.135	.068	.019	.130	.066	.019	.126	.065	.019	
9.0	.136	.066	.018	.134	.065	.018	.129	.064	.018	.124	.062	.018	.120	.061	.018	
10.0	.129	.062	.017	.127	.061	.017	.123	.060	.017	.119	.059	.017	.115	.058	.017	

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	.197	.197	.197	.168	.168	.168	.115	.115	.115	.066	.066	.066	.021	.021	.021	
1.0	.180	.163	.148	.154	.140	.127	.106	.096	.088	.061	.056	.051	.019	.018	.017	
2.0	.167	.139	.115	.143	.120	.099	.098	.083	.069	.057	.048	.041	.018	.016	.013	
3.0	.156	.120	.092	.134	.104	.079	.092	.072	.056	.053	.042	.033	.017	.014	.011	
4.0	.147	.106	.075	.126	.092	.065	.087	.064	.046	.050	.037	.027	.016	.012	.009	
5.0	.138	.095	.063	.119	.082	.055	.082	.057	.038	.047	.034	.023	.015	.011	.008	
6.0	.131	.086	.053	.113	.074	.046	.078	.052	.033	.045	.031	.020	.015	.010	.006	
7.0	.124	.078	.046	.107	.068	.040	.074	.048	.029	.043	.028	.017	.014	.009	.006	
8.0	.118	.072	.041	.102	.063	.036	.070	.044	.025	.041	.026	.015	.013	.009	.005	
9.0	.113	.067	.036	.097	.058	.032	.067	.041	.022	.039	.024	.013	.013	.008	.004	
10.0	.108	.063	.033	.093	.054	.029	.064	.038	.020	.038	.023	.012	.012	.007	.004	

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:24.5DEG  
Operators:  
Test Date:2018-01-17

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.361  
Humidity:47.5%  
Test Distance:10.410m [K=1.0000]  
Remarks:

UGR(Unified Glare Rating) Table

Test:U:24.20V I:0.2401A P:5.810W PF:1.0000 Freq:0Hz Lamp Flux:611.943x1 lm										
NAME: MR16-7W DC:24V					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.:					SUR.:			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	12.8	13.9	13.1	14.1	14.3	11.7	12.8	12.0	13.0	13.2
3H	13.7	14.7	14.0	15.0	15.2	12.3	13.3	12.6	13.5	13.7
4H	14.2	15.2	14.5	15.4	15.7	12.5	13.4	12.8	13.7	13.9
6H	14.7	15.6	15.0	15.9	16.1	12.6	13.5	12.9	13.8	14.1
8H	14.9	15.7	15.2	16.0	16.3	12.7	13.5	13.0	13.8	14.1
12H	15.0	15.9	15.4	16.1	16.4	12.7	13.5	13.0	13.8	14.1
4H 2H	13.0	14.0	13.3	14.2	14.5	12.1	13.0	12.4	13.3	13.5
3H	14.2	15.0	14.5	15.3	15.6	12.8	13.7	13.2	14.0	14.3
4H	14.8	15.6	15.2	15.9	16.3	13.2	13.9	13.5	14.2	14.6
6H	15.4	16.1	15.8	16.5	16.8	13.4	14.1	13.8	14.4	14.8
8H	15.7	16.3	16.1	16.7	17.1	13.5	14.1	13.9	14.5	14.9
12H	15.9	16.5	16.4	16.9	17.3	13.5	14.1	13.9	14.5	14.9
8H 4H	15.0	15.6	15.4	16.0	16.3	13.4	14.1	13.8	14.4	14.8
6H	15.7	16.2	16.2	16.6	17.1	13.8	14.3	14.2	14.7	15.2
8H	16.1	16.5	16.5	16.9	17.4	13.9	14.4	14.4	14.8	15.3
12H	16.4	16.8	16.9	17.3	17.8	14.0	14.4	14.5	14.9	15.4
12H 4H	14.9	15.5	15.4	15.9	16.3	13.5	14.0	13.9	14.4	14.8
6H	15.7	16.2	16.2	16.6	17.1	13.9	14.3	14.3	14.8	15.2
8H	16.1	16.5	16.6	17.0	17.5	14.1	14.5	14.5	14.9	15.4
Variations with the observer position at spacings:										
S = 1.0H	+ 0.4 / - 0.5					+ 0.6 / - 0.8				
1.5H	+ 0.5 / - 0.4					+ 0.8 / - 0.8				
2.0H	+ 0.9 / - 0.5					+ 1.0 / - 1.0				

CIE Pub.117, 611.9 lm Total Lamp Luminous Flux Correct ( $8\log(F/F_0) = -1.7$ )

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:24.5DEG  
 Operators:  
 Test Date:2018-01-17

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.361  
 Humidity:47.5%  
 Test Distance:10.410m [K=1.0000]  
 Remarks:

### UTILIZATION FACTORS TABLE

Test:U:24.20V I:0.2401A P:5.810W PF:1.0000 Freq:0Hz Lamp Flux:611.943x1 lm		
NAME: MR16-7W DC:24V	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

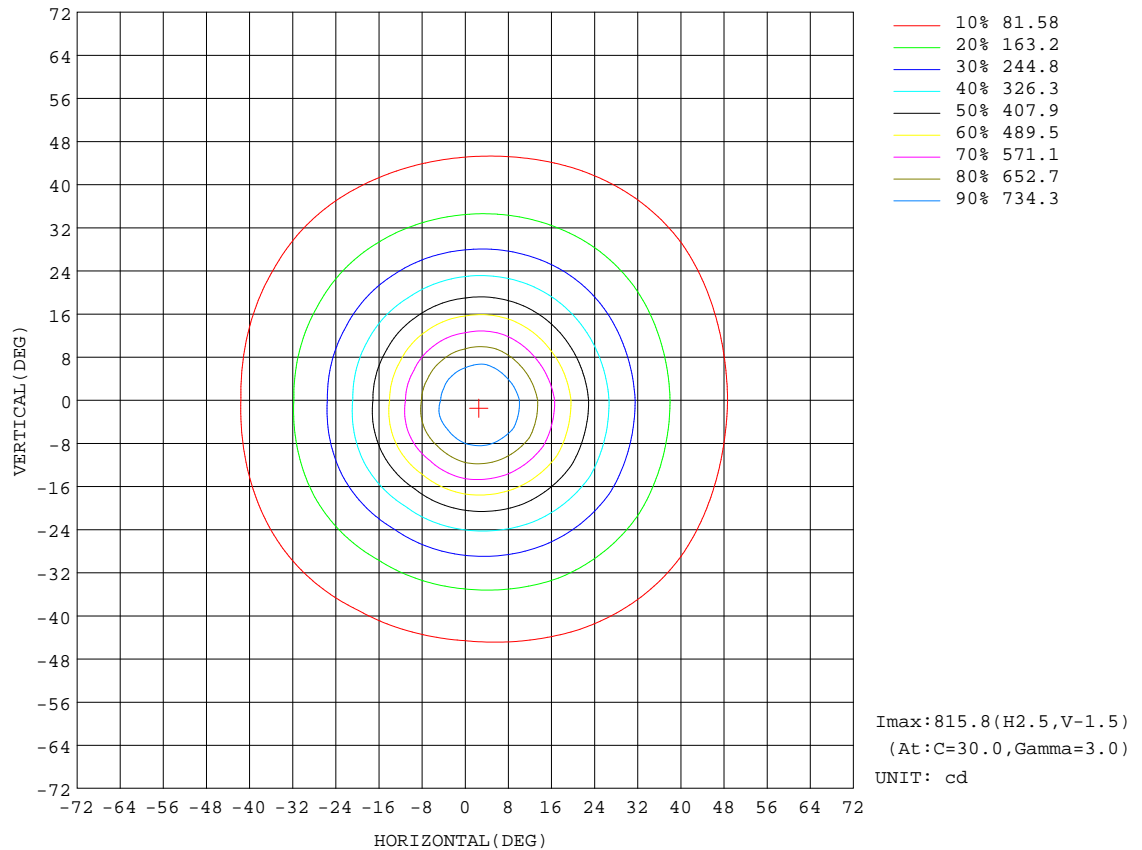
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	76	68	63	75	68	63	75	67	63	58
0.80	85	77	72	84	76	72	82	76	71	66
1.00	91	83	78	90	83	78	88	83	77	72
1.25	96	89	84	95	88	84	92	87	83	77
1.50	99	93	88	98	92	88	95	90	87	81
2.00	104	98	94	102	97	93	99	95	91	85
2.50	106	101	97	104	100	96	101	97	94	87
3.00	108	104	100	106	102	99	103	99	96	89
4.00	111	107	104	109	105	103	105	102	100	92
5.00	113	109	107	110	107	105	106	104	102	93
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:24.5DEG  
 Operators:  
 Test Date:2018-01-17

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.361  
 Humidity:47.5%  
 Test Distance:10.410m [K=1.0000]  
 Remarks:

## ISOCANDELA DIAGRAM

Test:U:24.20V I:0.2401A P:5.810W PF:1.0000 Freq:0Hz Lamp Flux:611.943x1 lm		
NAME: MR16-7W DC:24V	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:24.5DEG  
Operators:  
Test Date:2018-01-17

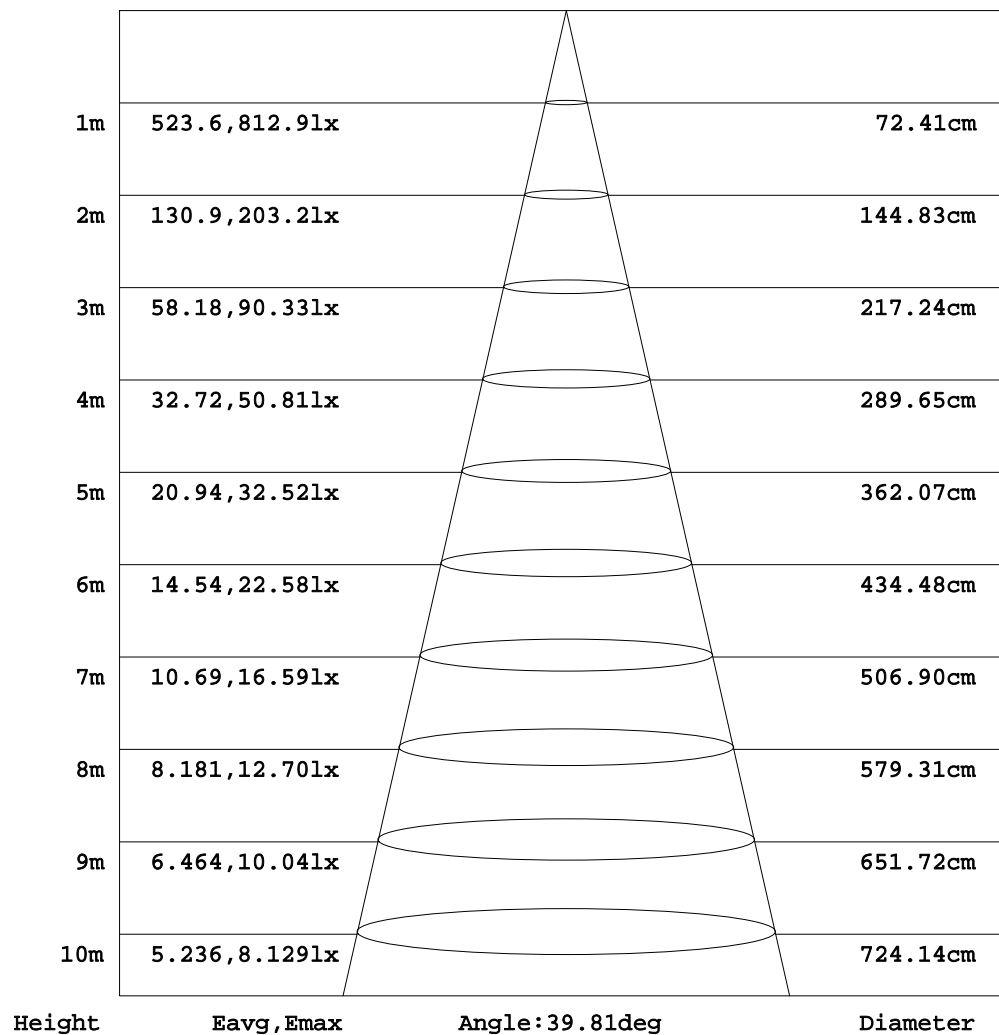
$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.361  
Humidity:47.5%  
Test Distance:10.410m [K=1.0000]  
Remarks:



## AAI Figure

Test:U:24.20V I:0.2401A P:5.810W PF:1.0000 Freq:0Hz Lamp Flux:611.943x1 lm		
NAME: MR16-7W DC:24V	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Flux out:217.9 lm



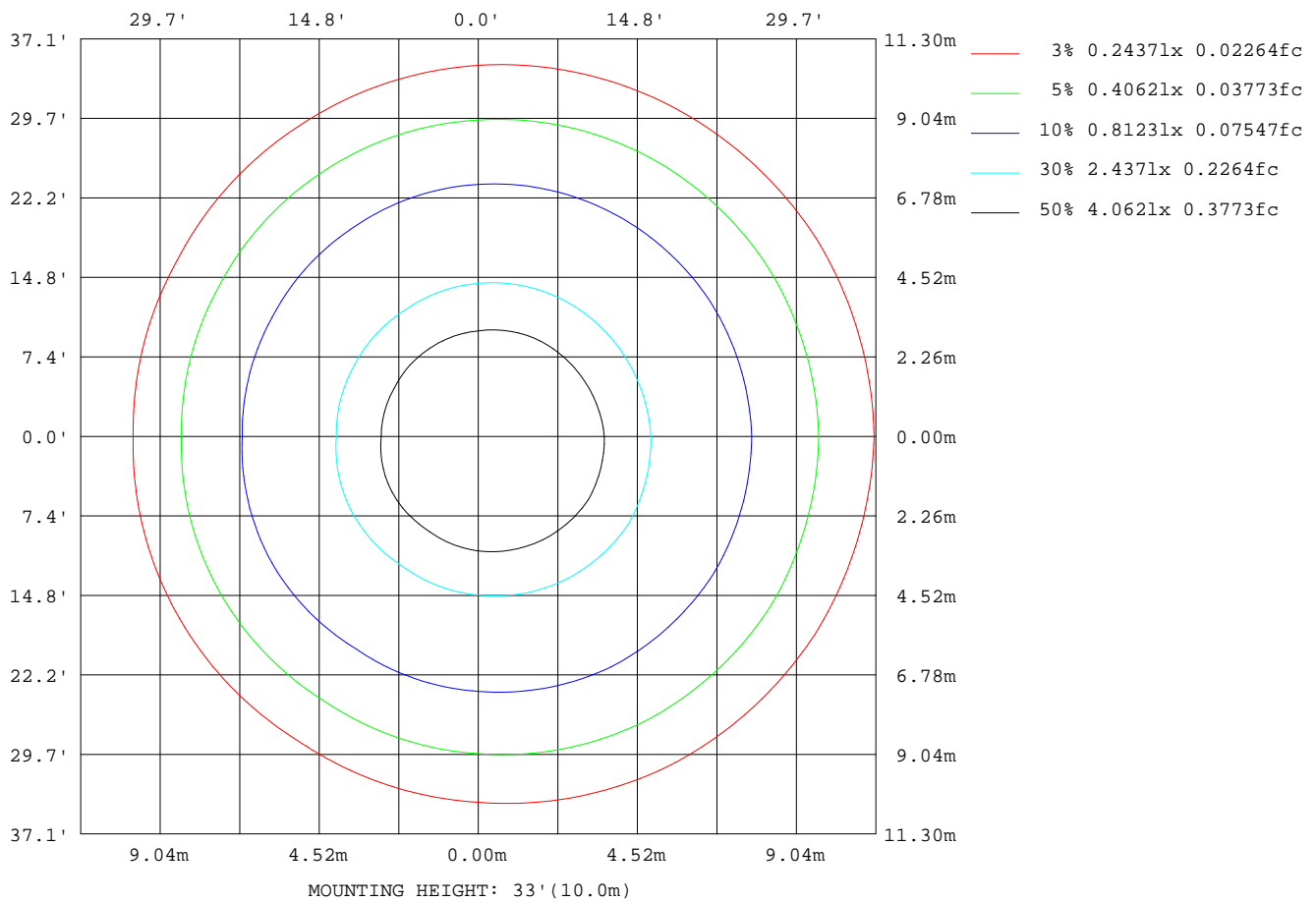
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 24.5DEG  
 Operators:  
 Test Date: 2018-01-17

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.361  
 Humidity: 47.5%  
 Test Distance: 10.410m [K=1.0000]  
 Remarks:

## ISOLUX DIAGRAM

Test:U:24.20V I:0.2401A P:5.810W PF:1.0000 Freq:0Hz Lamp Flux:611.943x1 lm		
NAME: MR16-7W DC:24V	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 24.5DEG  
Operators:  
Test Date: 2018-01-17

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.361  
Humidity: 47.5%  
Test Distance: 10.410m [K=1.0000]  
Remarks:

## LED Avg.L Report

Test:U:24.20V I:0.2401A P:5.810W PF:1.0000 Freq:0Hz Lamp Flux:611.943x1 lm		
NAME: MR16-7W DC:24V	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

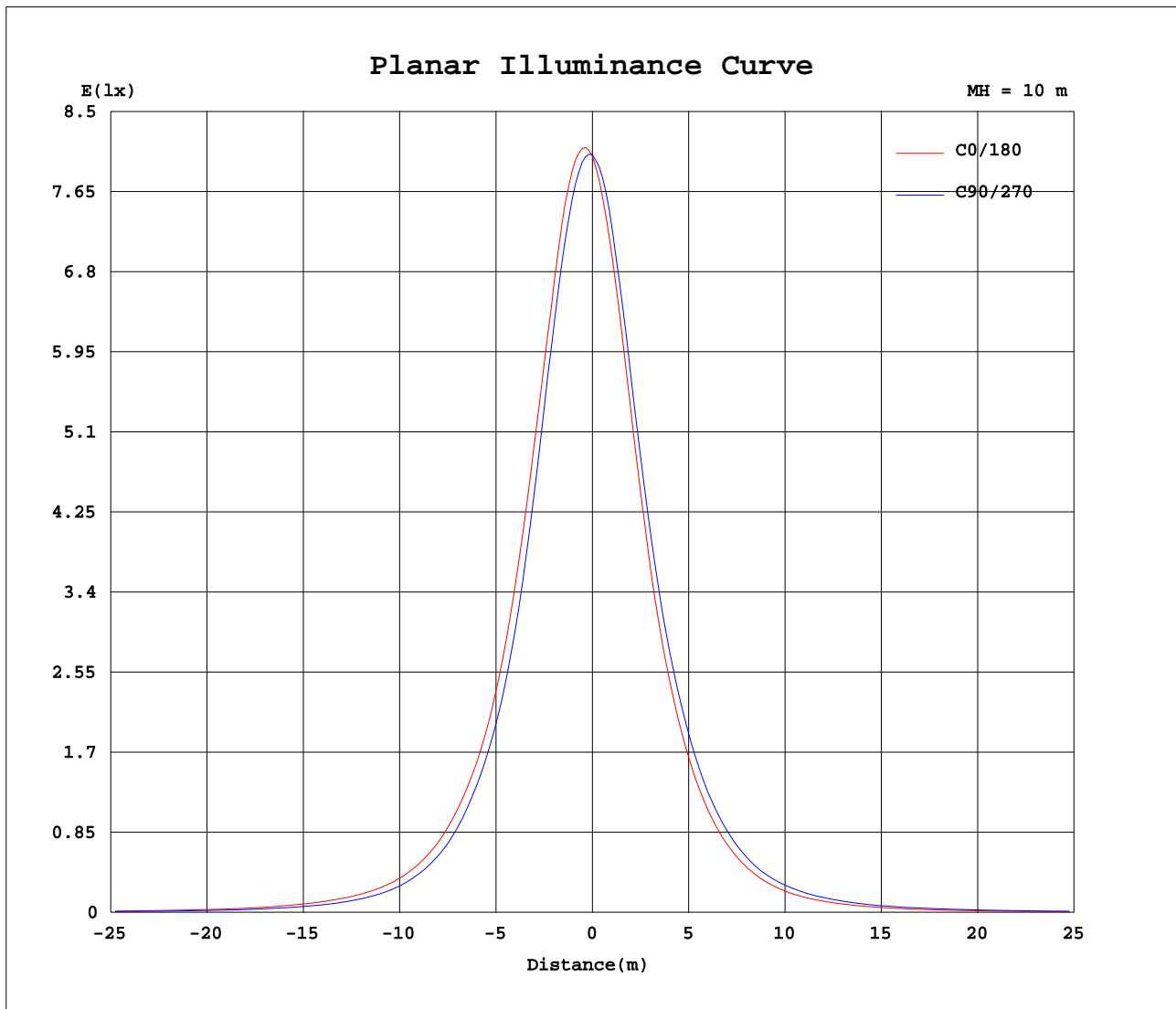
AvgL	cd/m2
L_0~180(65)av	589
L_0~180(75)av	515
L_0~180(85)av	493
L_90~270(65)av	578
L_90~270(75)av	470
L_90~270(85)av	433
L_45(65)av	589
L_45(75)av	501
L_45(85)av	436

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:24.5DEG  
Operators:  
Test Date:2018-01-17

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.361  
Humidity:47.5%  
Test Distance:10.410m [K=1.0000]  
Remarks:

## Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 24.5DEG  
Operators:  
Test Date: 2018-01-17

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.361  
Humidity: 47.5%  
Test Distance: 10.410m [K=1.0000]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.20V I:0.2401A P:5.810W PF:1.0000 Freq:0Hz Lamp Flux:611.943x1 lm																	
NAME: MR16-7W DC:24V									TYPE:						WEIGHT:		
SPEC.:									DIM.:						SERIAL No.:		
MFR.:									SUR.:						Shielding Angle:		

Table--1

UNIT: cd

C(DEC) γ (DEC)	0	30	60	90	120	150	180	210	240	270	300	330						
0	803	803	805	804	806	806	803	803	805	804	806	806						
5	808	809	798	782	760	745	725	726	737	754	778	796						
10	735	741	721	692	652	628	601	597	615	641	679	705						
15	612	618	591	558	515	491	465	463	481	506	544	576						
20	479	484	457	418	381	365	343	347	360	384	416	446						
25	360	365	339	307	279	270	254	257	269	291	314	337						
30	267	270	249	227	204	196	184	188	199	215	236	254						
35	198	196	183	163	146	141	131	134	143	158	172	187						
40	143	142	131	115	103	97.1	92.0	94.8	102	113	124	135						
45	103	99.7	91.6	79.2	70.4	67.4	64.4	66.8	73.4	82.0	90.6	98.6						
50	75.2	71.1	63.9	56.1	49.6	47.6	46.0	48.1	53.7	60.8	67.1	73.3						
55	56.5	50.7	46.2	39.6	35.9	34.5	33.2	35.3	40.1	45.0	50.0	52.5						
60	41.6	37.5	34.1	28.9	26.2	25.1	24.3	26.5	31.9	34.9	38.2	38.7						
65	32.3	29.7	25.5	21.1	19.0	18.7	17.5	19.3	25.4	27.7	31.0	30.2						
70	25.5	23.7	18.7	15.0	13.3	12.6	11.7	12.9	18.4	21.0	24.3	24.4						
75	19.6	18.2	12.7	9.86	8.46	7.88	7.09	7.70	11.5	14.5	17.7	19.5						
80	12.9	11.5	7.65	5.78	4.67	4.16	3.55	3.78	6.14	8.70	11.0	11.5						
85	7.53	6.63	3.81	2.64	1.89	1.48	1.07	1.20	2.91	4.92	6.19	6.50						
90	3.97	3.08	1.17	0.38	0.00	0.00	0.00	0.00	0.75	2.44	3.36	3.99						
95	2.28	0.76	0.00	0.00	0.00	0.00	0.00	0.00	0.01	1.47	2.32	2.20						
100	1.39	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	1.29	1.36						
105	0.00	0.00	0.00	0.01	0.00	0.07	0.02	0.00	0.00	0.00	0.00	0.00						
110	0.00	0.02	0.00	0.09	0.05	0.15	0.11	0.01	0.06	0.00	0.00	0.00						
115	0.01	0.12	0.07	0.19	0.18	0.27	0.21	0.13	0.16	0.04	0.07	0.01						
120	0.14	0.23	0.19	0.31	0.30	0.41	0.37	0.30	0.30	0.18	0.19	0.10						
125	0.32	0.39	0.36	0.50	0.55	0.62	0.54	0.45	0.47	0.33	0.35	0.23						
130	0.51	0.60	0.56	0.73	0.74	0.87	0.79	0.70	0.71	0.57	0.53	0.41						
135	0.76	0.85	0.83	1.00	1.02	1.16	1.05	0.98	0.98	0.80	0.79	0.66						
140	1.06	1.15	1.14	1.31	1.36	1.50	1.38	1.29	1.30	1.12	1.07	1.01						
145	1.39	1.50	1.48	1.66	1.71	1.84	1.71	1.62	1.62	1.44	1.41	1.27						
150	1.75	1.84	1.85	1.98	2.01	2.15	2.01	1.93	1.93	1.75	1.73	1.59						
155	2.07	2.15	2.12	2.28	2.29	2.41	2.27	2.19	2.19	2.04	2.03	1.93						
160	2.33	2.41	2.38	2.50	2.49	2.60	2.49	2.38	2.42	2.29	2.28	2.18						
165	2.54	2.60	2.55	2.69	2.65	2.75	2.64	2.56	2.58	2.44	2.47	2.46						
170	2.68	2.75	2.69	2.78	2.73	2.81	2.77	2.67	2.70	2.59	2.64	2.55						
175	2.81	2.84	2.78	2.84	2.79	2.84	2.84	2.76	2.79	2.68	2.74	2.67						
180	2.89	2.90	2.81	2.84	2.82	2.84	2.91	2.88	2.86	2.84	2.84	2.81						

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:24.5DEG  
Operators:  
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γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.361  
Humidity:47.5%  
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Remarks: