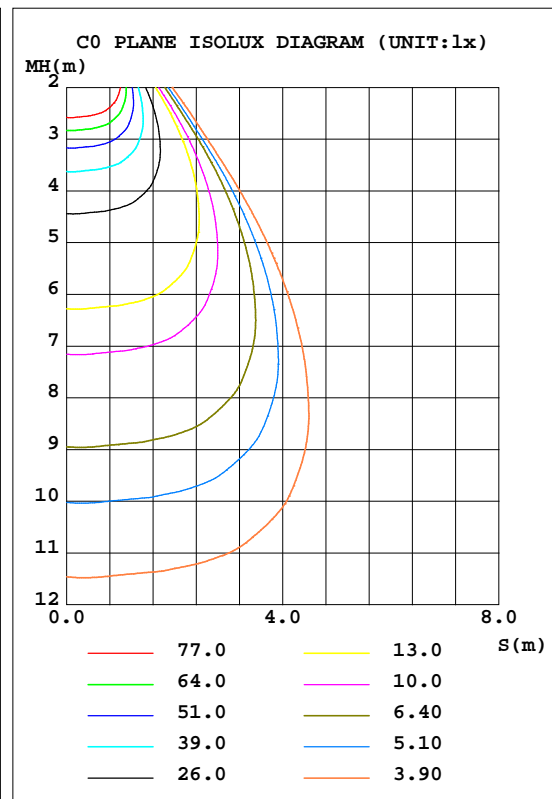
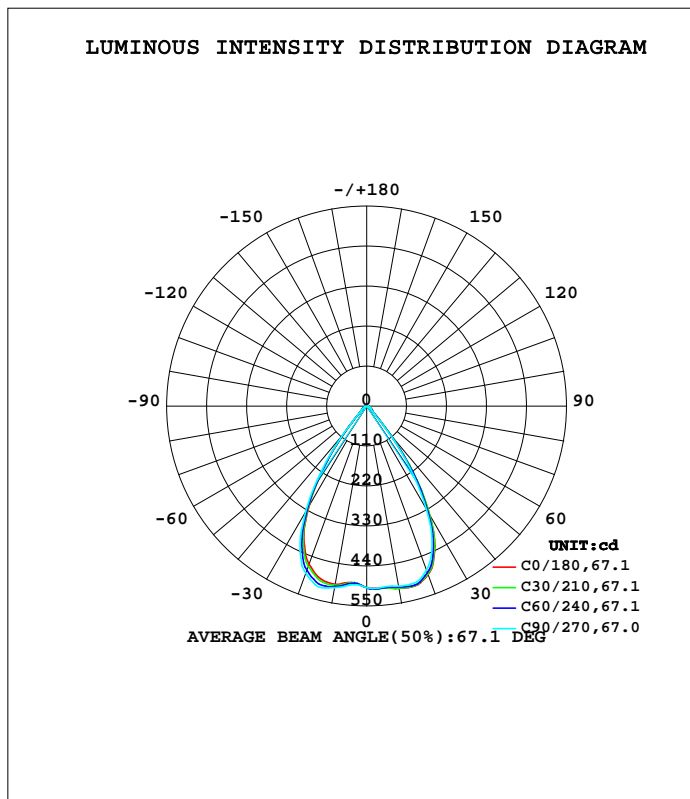


**LUMINAIRE PHOTOMETRIC TEST REPORT**

Test:U:11.792V I:0.6879A P:6.1647W PF:0.7600 Freq:60.00Hz Lamp Flux:572.775x1 lm		
NAME: 486714-MR16-7W-2700K-60°	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:35mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL		I <sub>max</sub> (cd)	522.5	S/MH(C0/180)	0.96
NOMINAL POWER(W)	--	LOR(%)	100.0	S/MH(C90/270)	0.98
RATED VOLTAGE(V)	--	TOTAL FLUX(lm)	572.77	η UP, DN(C0-180)	0.0,49.4
NOMINAL FLUX(lm)	572.775	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0,50.6
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	1.00
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:**

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum,lamp
10	508.8	507.7	503.0	500.9	497.2	502.6	506.8	511.2	0- 10	47.79	47.79	8.34,8.34
20	493.7	491.8	481.0	466.9	463.5	473.5	489.3	500.4	10- 20	142.0	189.8	33.1,33.1
30	348.3	350.1	330.0	310.2	318.4	319.4	336.4	357.2	20- 30	193.4	383.1	66.9,66.9
40	98.21	103.2	90.23	81.60	92.09	88.70	97.61	109.0	30- 40	131.9	515.1	89.9,89.9
50	20.79	19.58	18.43	19.25	20.52	19.97	19.98	22.14	40- 50	32.51	547.6	95.6,95.6
60	12.18	11.83	9.486	11.00	11.86	11.23	9.886	12.40	50- 60	13.58	561.1	98,98
70	6.557	5.527	4.068	4.578	5.678	4.755	3.857	5.925	60- 70	7.707	568.9	99.3,99.3
80	3.408	0.8957	0.0532	0.5260	3.226	0.5231	0.0471	1.572	70- 80	3.385	572.2	99.9,99.9
90	0	0	0	0	0.0058	0	0.0007	0.0038	80- 90	0.5391	572.8	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): 537.15 lm

%lum = 93.8%  
%lamp = 93.8%

Conical surface Flux(120deg): 561.14 lm

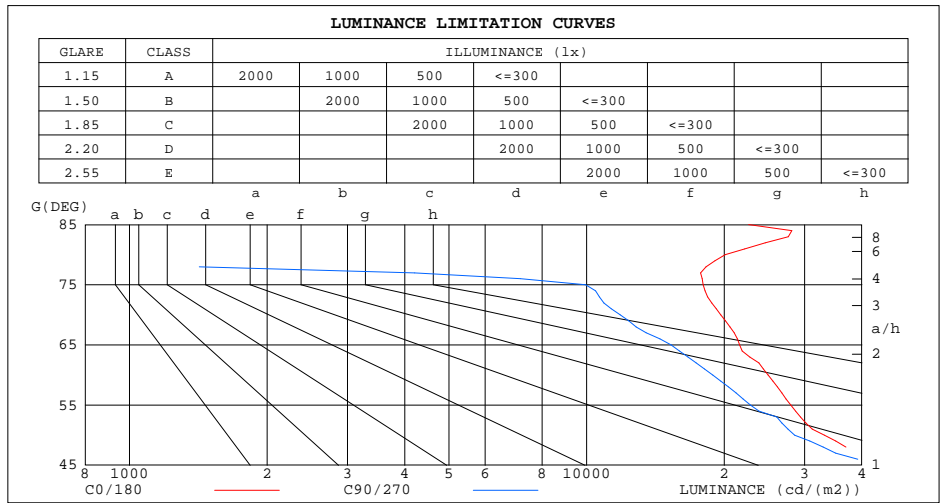
%lum = 98.0%  
%lamp = 98.0%

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

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  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:11.792V I:0.6879A P:6.1647W PF:0.7600 Freq:60.00Hz Lamp Flux:572.775x1 lm		
NAME: 486714-MR16-7W-2700K-60°	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:35mm	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	22614	3
80	20117	305
75	17998	9954
70	19652	11848
65	21616	15307
60	24964	18897
55	27969	22849
50	33159	28553
45	53752	44908

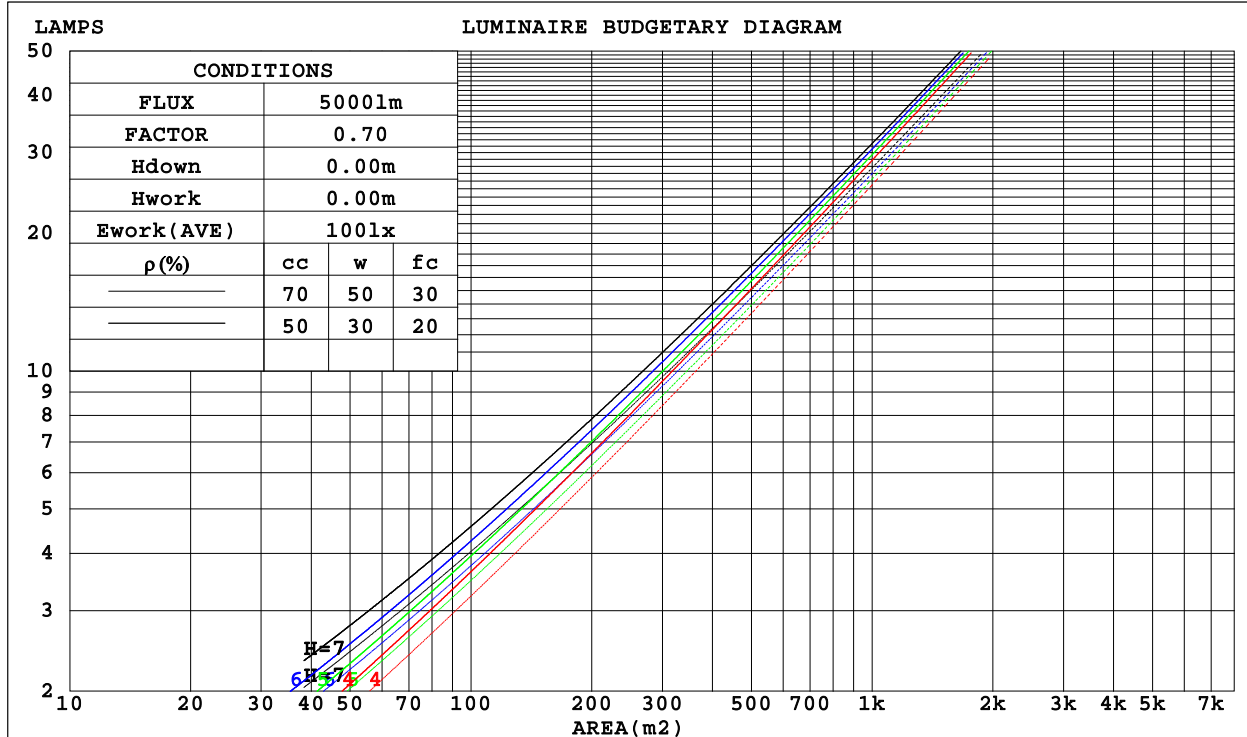
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2022-05-29

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:11.792V I:0.6879A P:6.1647W PF:0.7600 Freq:60.00Hz Lamp Flux:572.775x1 lm		
NAME: 486714-MR16-7W-2700K-60°	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:35mm	Shielding Angle:

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	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	1.10	1.08	1.05	1.08	1.06	1.03	1.04	1.02	1.00	1.00	.99	.97	.97	.96	.94	.93
2.0	1.02	.98	.94	1.00	.96	.93	.97	.94	.91	.94	.91	.89	.91	.89	.87	.85
3.0	.94	.89	.85	.93	.88	.84	.90	.86	.83	.88	.85	.82	.86	.83	.80	.79
4.0	.88	.82	.78	.87	.81	.77	.84	.80	.76	.82	.78	.75	.81	.77	.74	.73
5.0	.82	.76	.71	.81	.75	.71	.79	.74	.70	.77	.73	.70	.76	.72	.69	.67
6.0	.76	.70	.66	.76	.70	.65	.74	.69	.65	.73	.68	.65	.71	.67	.64	.63
7.0	.72	.65	.61	.71	.65	.61	.70	.64	.60	.68	.64	.60	.67	.63	.60	.58
8.0	.67	.61	.57	.67	.61	.56	.65	.60	.56	.64	.60	.56	.63	.59	.56	.54
9.0	.63	.57	.53	.63	.57	.53	.62	.56	.53	.61	.56	.52	.60	.55	.52	.51
10.0	.59	.53	.49	.59	.53	.49	.58	.53	.49	.57	.52	.49	.57	.52	.49	.48



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:11.792V I:0.6879A P:6.1647W PF:0.7600 Freq:60.00Hz Lamp Flux:572.775x1 lm		
NAME: 486714-MR16-7W-2700K-60°	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
<b>RCR</b>	<b>RCR:Room Cavity Ratio</b>						<b>Wall Exitance Coefficients(WEC)</b>									
0.0																
1.0	.189	.108	.034	.182	.104	.033	.170	.097	.031	.158	.091	.029	.147	.085	.028	
2.0	.182	.100	.031	.176	.097	.030	.165	.092	.029	.155	.087	.027	.146	.083	.026	
3.0	.173	.092	.028	.168	.090	.027	.159	.086	.026	.150	.082	.025	.143	.079	.024	
4.0	.165	.086	.025	.160	.084	.025	.152	.081	.024	.145	.078	.023	.138	.075	.023	
5.0	.157	.080	.023	.153	.079	.023	.146	.076	.022	.140	.074	.022	.133	.071	.021	
6.0	.149	.075	.021	.146	.074	.021	.140	.072	.021	.134	.070	.020	.129	.068	.020	
7.0	.142	.070	.020	.140	.070	.020	.134	.068	.020	.129	.066	.019	.124	.065	.019	
8.0	.136	.067	.019	.134	.066	.019	.129	.064	.018	.124	.063	.018	.120	.062	.018	
9.0	.130	.063	.018	.128	.062	.018	.124	.061	.017	.119	.060	.017	.116	.059	.017	
10.0	.125	.060	.017	.123	.059	.017	.119	.058	.016	.115	.057	.016	.112	.056	.016	

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
<b>RCR</b>	<b>RCR:Room Cavity Ratio</b>						<b>Ceiling Cavity Exitance Coefficients(CCEC)</b>									
0.0	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.172	.157	.144	.147	.135	.124	.101	.093	.086	.058	.054	.050	.019	.017	.016	
2.0	.158	.132	.111	.135	.114	.096	.092	.079	.067	.053	.046	.039	.017	.015	.013	
3.0	.146	.114	.088	.125	.098	.076	.086	.068	.054	.050	.040	.032	.016	.013	.010	
4.0	.136	.099	.071	.117	.086	.062	.080	.060	.043	.046	.035	.026	.015	.011	.008	
5.0	.128	.088	.058	.110	.076	.051	.076	.053	.036	.044	.031	.021	.014	.010	.007	
6.0	.120	.079	.048	.104	.068	.042	.071	.048	.030	.041	.028	.018	.013	.009	.006	
7.0	.114	.071	.041	.098	.062	.036	.068	.043	.025	.039	.025	.015	.013	.008	.005	
8.0	.109	.065	.035	.093	.056	.031	.065	.040	.022	.038	.023	.013	.012	.008	.004	
9.0	.103	.060	.030	.089	.052	.026	.062	.037	.019	.036	.022	.011	.012	.007	.004	
10.0	.099	.056	.027	.085	.048	.023	.059	.034	.017	.035	.020	.010	.011	.007	.003	

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:11.792V I:0.6879A P:6.1647W PF:0.7600 Freq:60.00Hz Lamp Flux:572.775x1 lm										
NAME: 486714-MR16-7W-2700K-60°					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	24.0	25.0	24.2	25.2	25.4	23.5	24.5	23.7	24.7	24.9
3H	24.1	25.0	24.3	25.2	25.4	23.5	24.4	23.7	24.6	24.8
4H	24.1	25.0	24.4	25.2	25.5	23.4	24.3	23.7	24.5	24.8
6H	24.2	25.0	24.5	25.2	25.5	23.3	24.2	23.6	24.4	24.7
8H	24.2	25.0	24.6	25.3	25.6	23.3	24.1	23.6	24.3	24.6
12H	24.3	25.1	24.6	25.3	25.6	23.2	24.0	23.6	24.3	24.6
4H 2H	23.9	24.7	24.1	25.0	25.2	23.4	24.3	23.7	24.5	24.7
3H	24.0	24.8	24.3	25.0	25.3	23.4	24.1	23.7	24.4	24.7
4H	24.1	24.8	24.5	25.1	25.4	23.4	24.1	23.7	24.4	24.7
6H	24.3	24.9	24.6	25.2	25.5	23.3	23.9	23.7	24.2	24.6
8H	24.4	25.0	24.8	25.3	25.7	23.2	23.8	23.6	24.1	24.5
12H	24.5	25.0	24.9	25.4	25.8	23.2	23.7	23.6	24.1	24.5
8H 4H	24.0	24.6	24.4	24.9	25.3	23.3	23.9	23.7	24.2	24.6
6H	24.2	24.7	24.7	25.1	25.5	23.2	23.7	23.6	24.1	24.5
8H	24.4	24.8	24.9	25.2	25.7	23.2	23.6	23.6	24.0	24.4
12H	24.6	24.9	25.1	25.4	25.8	23.1	23.4	23.6	23.9	24.4
12H 4H	24.0	24.5	24.4	24.9	25.3	23.3	23.8	23.7	24.1	24.5
6H	24.2	24.6	24.6	25.0	25.4	23.2	23.6	23.6	24.0	24.4
8H	24.4	24.7	24.8	25.1	25.6	23.1	23.5	23.6	23.9	24.4
Variations with the observer position at spacings:										
S = 1.0H	+ 2.5 / - 3.1					+ 2.8 / - 4.9				
1.5H	+ 4.7 / - 2.8					+ 5.1 / - 4.2				
2.0H	+ 1.8 / - 0.6					+ 2.0 / - 1.5				

CIE Pub.117, 572.8 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = -1.9)  
 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:11.792V I:0.6879A P:6.1647W PF:0.7600 Freq:60.00Hz Lamp Flux:572.775x1 lm		
NAME: 486714-MR16-7W-2700K-60°	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:35mm	Shielding Angle:

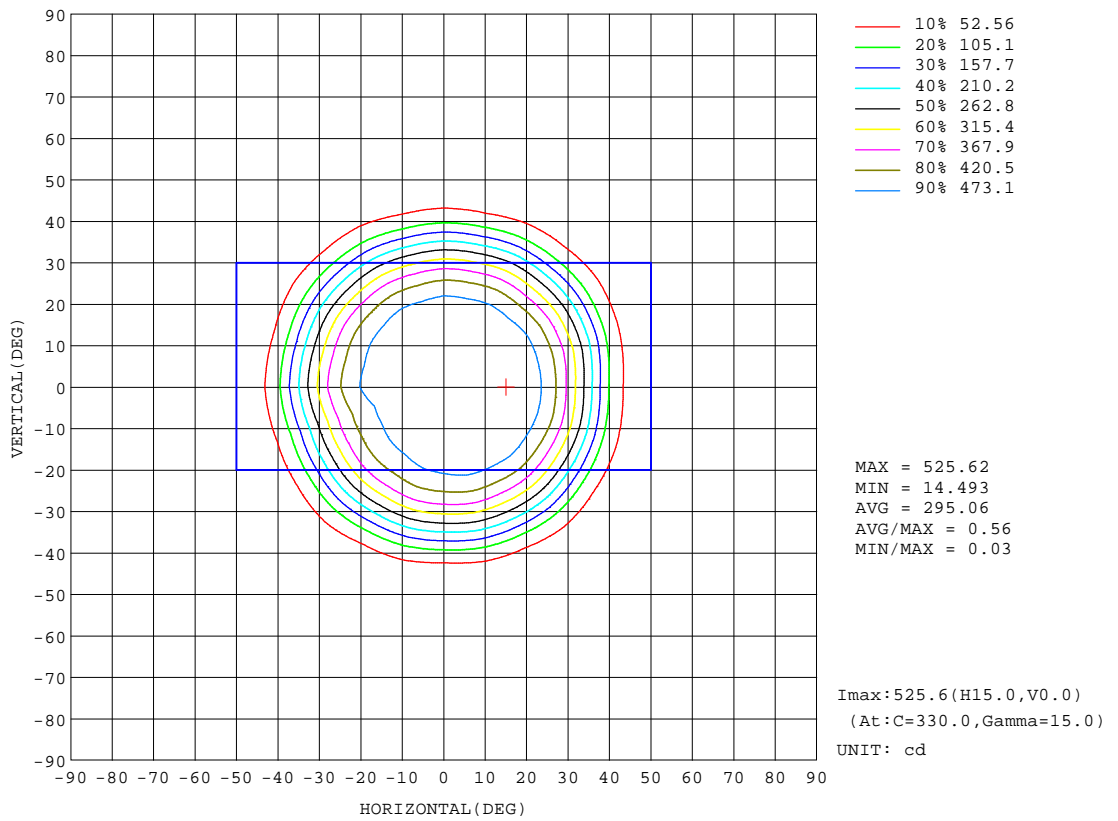
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	85	79	75	85	78	74	84	78	74	71
0.80	93	87	83	92	86	83	91	86	82	78
1.00	98	92	88	97	91	88	95	91	87	83
1.25	102	96	93	101	96	92	99	95	92	87
1.50	105	100	96	104	99	96	101	97	95	90
2.00	108	103	100	106	102	99	104	100	98	92
2.50	110	106	102	108	104	101	105	102	100	94
3.00	111	108	105	109	106	104	106	104	101	95
4.00	113	110	108	111	109	107	108	106	104	97
5.00	115	112	110	113	110	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:2022-05-29

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:11.792V I:0.6879A P:6.1647W PF:0.7600 Freq:60.00Hz Lamp Flux:572.775x1 lm		
NAME: 486714-MR16-7W-2700K-60°	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

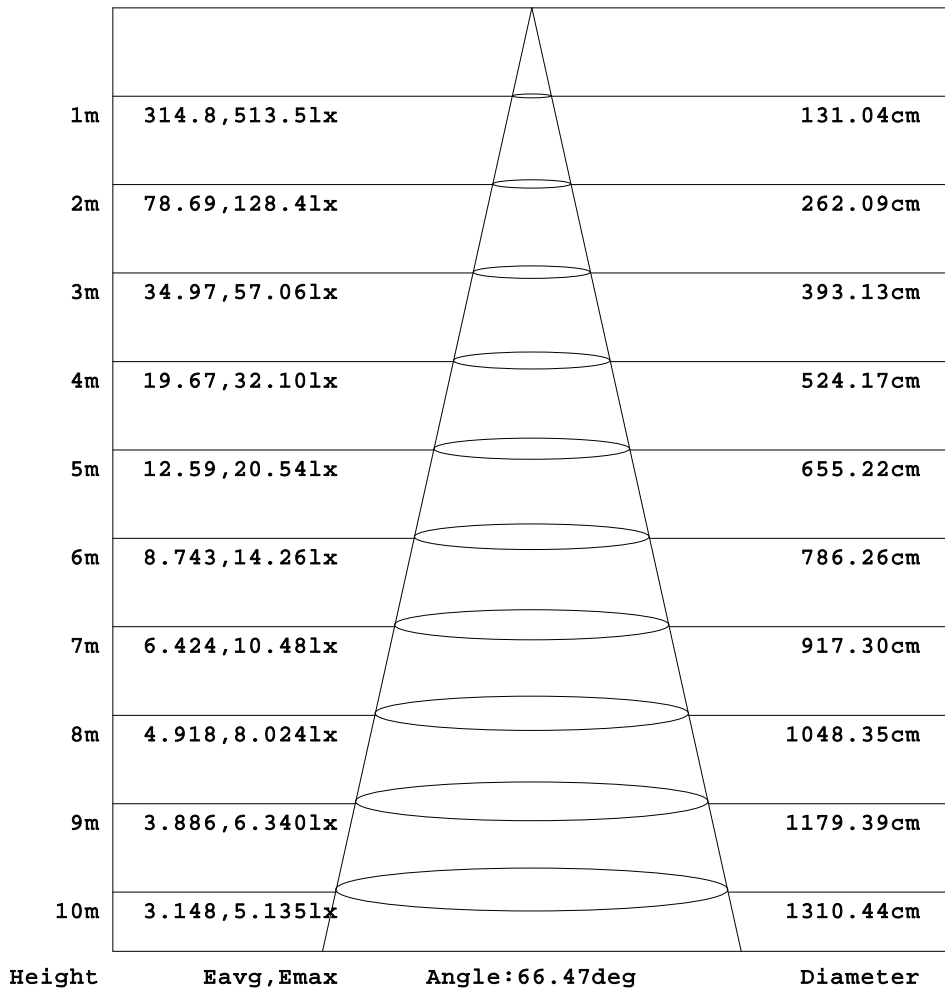
γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-3000H\_V1 SYSTEM V2.00.411  
 Humidity:65.0%  
 Test Distance:9.000m [K=1.0000]  
 Remarks:



**AAI Figure**

Test:U:11.792V I:0.6879A P:6.1647W PF:0.7600 Freq:60.00Hz Lamp Flux:572.775x1 lm		
NAME: 486714-MR16-7W-2700K-60°	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:35mm	Shielding Angle:

Flux out:449.9 lm



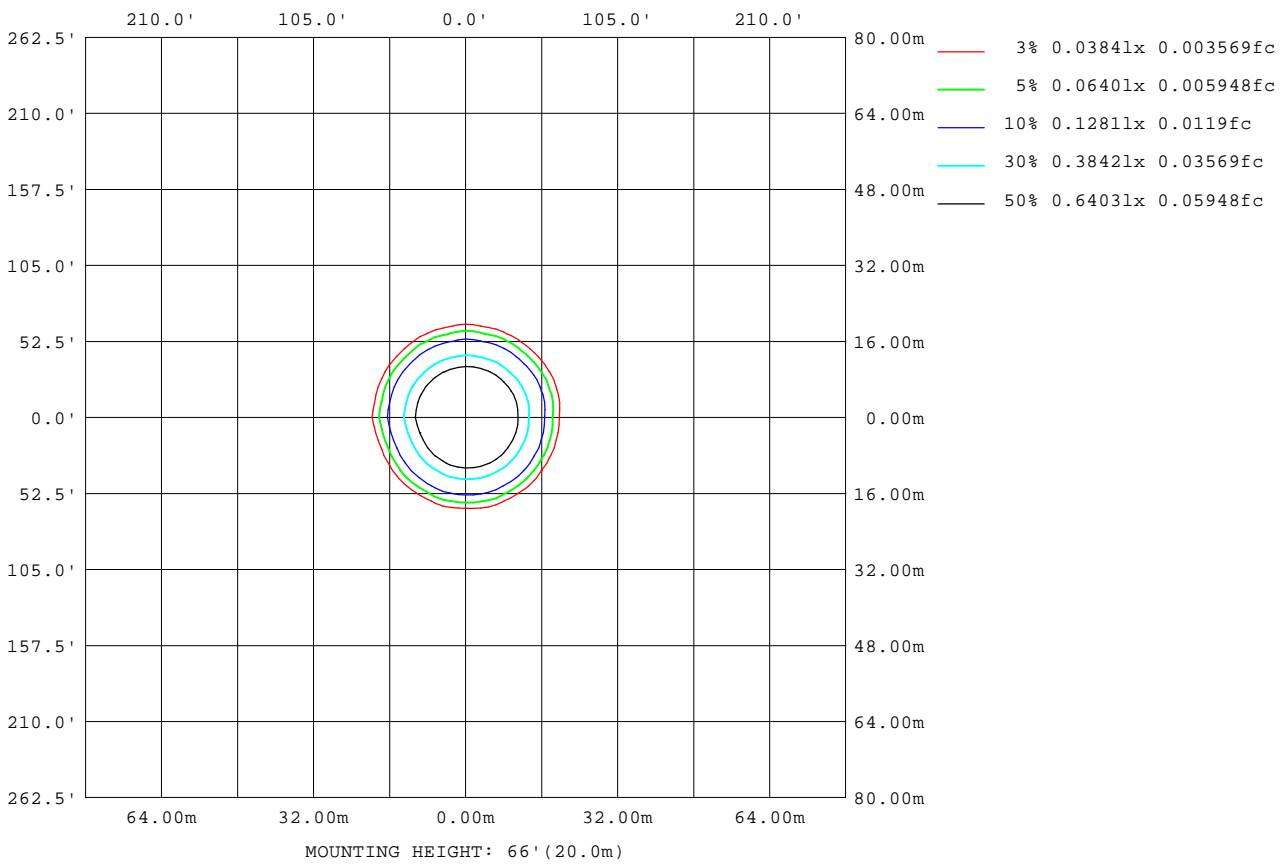
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 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:11.792V I:0.6879A P:6.1647W PF:0.7600 Freq:60.00Hz Lamp Flux:572.775x1 lm		
NAME: 486714-MR16-7W-2700K-60°	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:11.792V I:0.6879A P:6.1647W PF:0.7600 Freq:60.00Hz Lamp Flux:572.775x1 lm		
NAME: 486714-MR16-7W-2700K-60°	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:35mm	Shielding Angle:

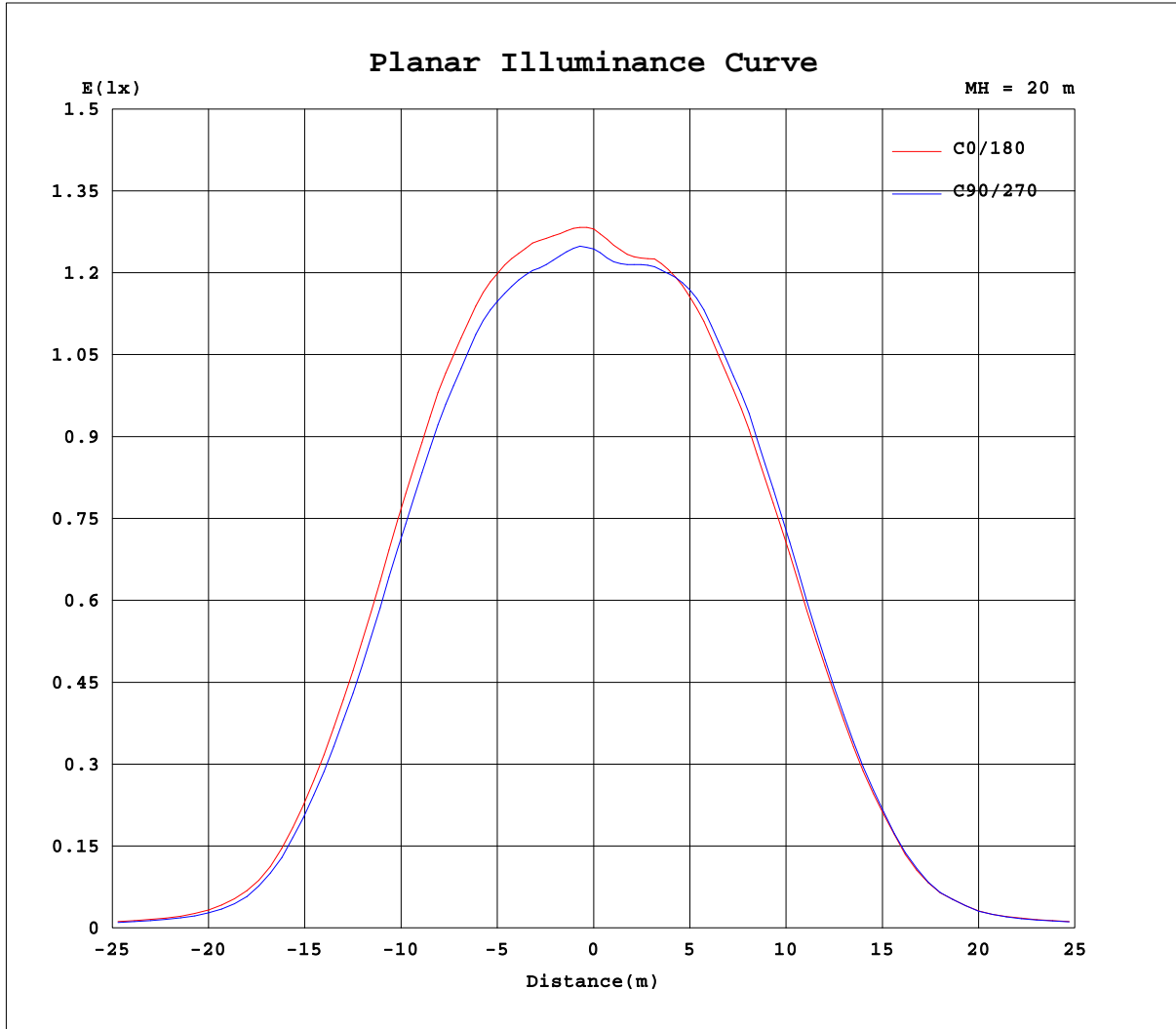
AvgL	cd/m2
L_0~180(65)av	19997
L_0~180(75)av	16454
L_0~180(85)av	19523
L_90~270(65)av	15420
L_90~270(75)av	9739
L_90~270(85)av	1
L_45(65)av	18693
L_45(75)av	12085
L_45(85)av	253

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

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  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:11.792V I:0.6879A P:6.1647W PF:0.7600 Freq:60.00Hz Lamp Flux:572.775x1 lm		
NAME: 486714-MR16-7W-2700K-60°	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	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500
5	502	502	503	504	502	503	500	499	497	497	496	496	487	487	488	489	490	492	494
10	509	510	509	508	505	505	503	501	500	501	503	505	497	499	500	503	503	506	507
15	513	514	512	512	510	508	505	501	497	495	495	494	492	494	497	502	507	511	514
20	494	495	492	492	489	487	481	478	469	467	462	463	463	463	470	474	481	483	489
25	442	446	441	442	434	434	425	421	410	407	399	399	408	406	414	416	423	424	434
30	348	354	348	350	341	341	330	327	312	310	300	301	318	314	321	319	326	326	336
35	225	232	227	229	221	221	210	208	194	193	184	184	204	200	205	201	207	206	216
40	98.2	105	101	103	96.0	97.8	90.2	90.6	80.9	81.6	76.0	76.7	92.1	88.5	92.1	88.7	92.8	89.5	97.6
45	37.1	36.7	35.8	35.0	34.1	33.3	31.9	31.1	30.3	30.7	30.7	30.2	34.7	34.5	34.4	34.5	34.5	34.6	35.4
50	20.8	20.0	19.8	19.6	19.1	18.7	18.4	18.4	18.6	19.2	19.7	19.8	20.5	20.6	20.1	20.0	19.8	19.7	20.0
55	15.6	15.5	15.3	15.3	14.8	13.8	13.2	13.5	14.2	14.7	15.1	15.2	15.6	15.3	15.1	15.0	14.9	14.8	14.4
60	12.2	12.1	12.0	11.8	10.7	10.00	9.49	9.26	9.74	11.0	11.5	11.4	11.9	11.6	11.4	11.2	10.3	9.83	9.89
65	8.91	8.89	8.73	8.35	7.45	6.98	6.49	6.25	6.39	7.22	7.71	7.55	7.99	7.83	7.76	7.51	6.84	6.54	6.54
70	6.56	6.53	6.21	5.53	4.54	4.25	4.07	3.74	3.79	4.58	5.16	5.27	5.68	5.46	5.31	4.75	4.03	3.85	3.86
75	4.54	4.57	4.11	3.27	2.78	2.73	2.59	2.49	2.53	2.85	3.40	3.71	3.97	3.77	3.43	2.92	2.58	2.45	2.45
80	3.41	3.49	2.73	0.90	0.07	0.05	0.05	0.04	0.06	0.53	2.18	3.32	3.23	2.97	2.22	0.52	0.05	0.04	0.05
85	1.92	1.42	0.02	0.02	0.01	0.00	0.00	0.00	0.01	0.01	0.02	0.12	1.48	0.29	0.03	0.01	0.00	0.00	0.00
90	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	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:11.792V I:0.6879A P:6.1647W PF:0.7600 Freq:60.00Hz Lamp Flux:572.775x1 lm		
NAME: 486714-MR16-7W-2700K-60°	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	500	500	500	500	500															
5	496	498	500	504	506															
10	508	509	511	516	517															
15	514	516	518	523	522															
20	492	497	500	507	508															
25	437	448	450	462	462															
30	339	353	357	373	376															
35	217	233	237	251	255															
40	96.7	107	109	121	123															
45	36.3	38.7	40.4	46.0	45.5															
50	20.7	20.8	22.1	22.2	23.1															
55	15.2	15.7	16.2	16.6	16.8															
60	10.3	11.6	12.4	12.8	13.0															
65	6.86	7.63	8.52	8.92	9.18															
70	4.11	4.86	5.92	6.56	6.81															
75	2.59	2.99	3.47	4.34	4.73															
80	0.05	0.26	1.57	3.02	3.48															
85	0.00	0.01	0.05	0.11	2.73															
90	0.00	0.00	0.00	0.01	0.02															

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: