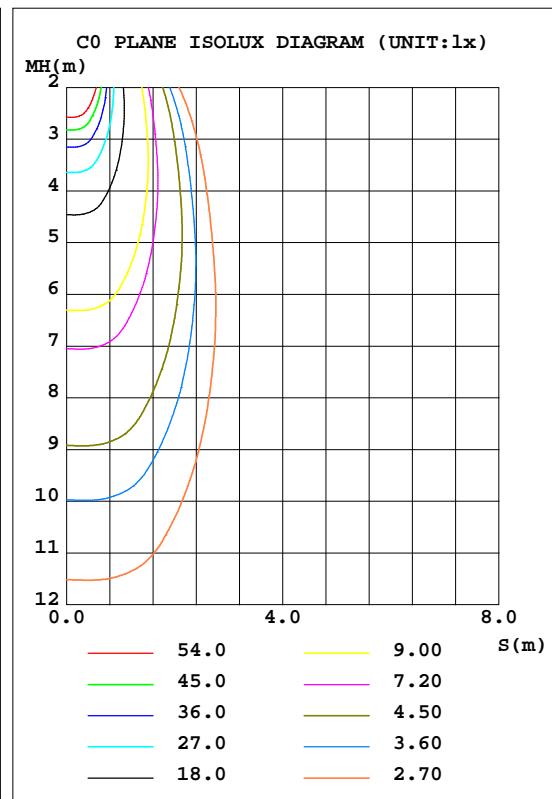
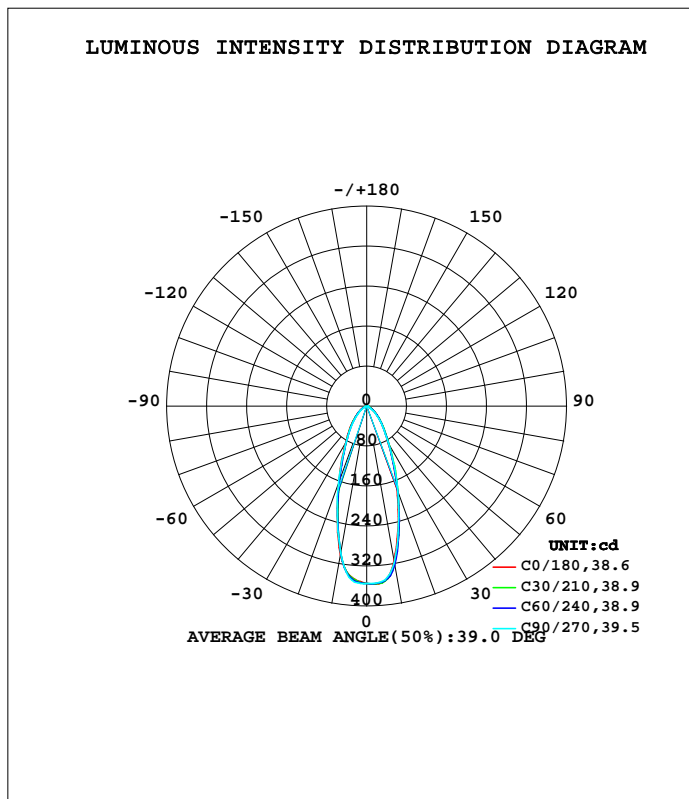


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:11.992V I:0.2952A P:2.3845W PF:0.6737 Freq:60.00Hz Lamp Flux:242.719x1 lm		
NAME: 486703-MR16-2W-2700K-40°	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:35mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 101.79 lm/W			
MODEL		I _{max} (cd)	358.9	S/MH(C0/180)	0.61
NOMINAL POWER(W)	--	LOR(%)	100.0	S/MH(C90/270)	0.62
RATED VOLTAGE(V)	--	TOTAL FLUX(lm)	242.72	η UP,DN(C0-180)	0.0,51.0
NOMINAL FLUX(lm)	242.719	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,49.0
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	--	η down(%)	100.0	CIBSE SHR MAX	0.70



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:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	314.7	326.7	318.2	308.2	302.8	297.2	298.8	309.6	0- 10	32.21	32.21	13.3,13.3
20	178.0	186.2	183.1	169.7	163.5	157.6	166.3	174.8	10- 20	65.61	97.82	40.3,40.3
30	87.95	91.83	88.48	84.12	84.39	79.69	81.68	83.77	20- 30	56.15	154.0	63.4,63.4
40	47.43	49.27	45.86	44.90	47.27	44.56	43.21	44.35	30- 40	39.41	193.4	79.7,79.7
50	24.96	25.66	23.10	22.97	24.80	23.79	21.62	23.17	40- 50	25.99	219.4	90.4,90.4
60	11.97	12.55	7.189	11.11	12.16	11.58	7.753	11.19	50- 60	14.92	234.3	96.5,96.5
70	4.278	3.577	1.954	3.064	4.545	3.343	1.811	3.513	60- 70	6.324	240.6	99.1,99.1
80	1.402	0.5447	0.0261	0.4167	1.543	0.3586	0.0149	0.6278	70- 80	1.886	242.5	99.9,99.9
90	0	0	0	0	0	0	0	0	80- 90	0.2088	242.7	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): 207.93 lm

%lum = 85.7%
%lamp = 85.7%

Conical surface Flux(120deg): 234.3 lm

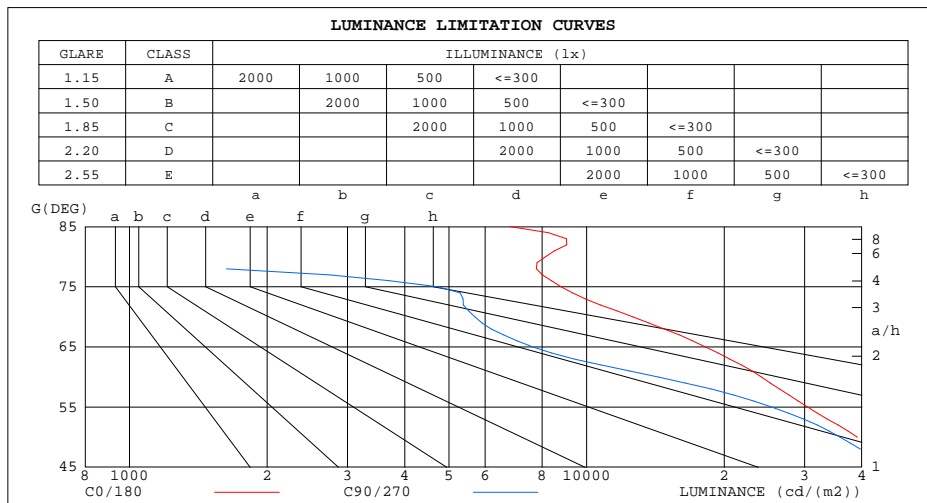
%lum = 96.5%
%lamp = 96.5%

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:11.992V I:0.2952A P:2.3845W PF:0.6737 Freq:60.00Hz Lamp Flux:242.719x1 lm		
NAME: 486703-MR16-2W-2700K-40°	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:35mm	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	6792	1
80	8140	150
75	8792	4715
70	12610	5702
65	18205	7628
60	24133	14353
55	30502	25465
50	39142	35875
45	49673	46497

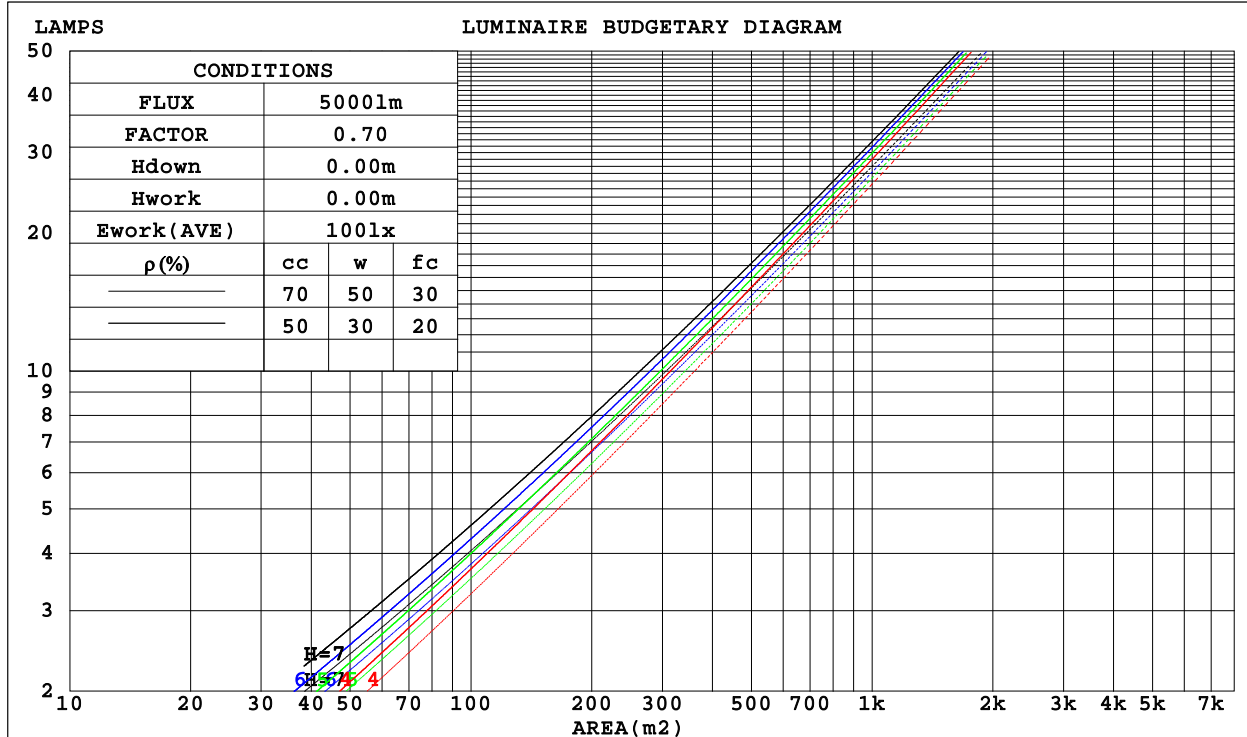
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2022-05-29

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:11.992V I:0.2952A P:2.3845W PF:0.6737 Freq:60.00Hz Lamp Flux:242.719x1 lm		
NAME: 486703-MR16-2W-2700K-40°	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	.00
1.0	1.10	1.07	1.05	1.08	1.05	1.03	1.04	1.02	.00	.00	.98	.97	.96	.95	.94	.92
2.0	1.01	.97	.93	.00	.95	.92	.96	.93	.90	.93	.90	.88	.90	.88	.86	.84
3.0	.94	.88	.84	.92	.87	.83	.90	.85	.82	.87	.84	.81	.85	.82	.79	.78
4.0	.87	.81	.76	.86	.80	.76	.84	.79	.75	.81	.77	.74	.80	.76	.73	.72
5.0	.81	.75	.70	.80	.74	.70	.78	.73	.69	.76	.72	.68	.75	.71	.68	.66
6.0	.76	.69	.65	.75	.69	.65	.73	.68	.64	.72	.67	.64	.71	.66	.63	.62
7.0	.71	.65	.60	.70	.64	.60	.69	.64	.60	.68	.63	.59	.67	.62	.59	.58
8.0	.67	.61	.56	.66	.60	.56	.65	.60	.56	.64	.59	.56	.63	.59	.56	.54
9.0	.63	.57	.53	.63	.57	.53	.62	.56	.53	.61	.56	.53	.60	.56	.52	.51
10.0	.60	.54	.50	.60	.54	.50	.59	.53	.50	.58	.53	.50	.57	.53	.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:11.992V I:0.2952A P:2.3845W PF:0.6737 Freq:60.00Hz Lamp Flux:242.719x1 lm		
NAME: 486703-MR16-2W-2700K-40°	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	.195	.111	.035	.188	.107	.034	.176	.101	.032	.164	.095	.030	.153	.089	.029	
2.0	.188	.103	.032	.182	.100	.031	.171	.095	.030	.162	.091	.028	.152	.086	.027	
3.0	.179	.095	.028	.174	.093	.028	.164	.089	.027	.156	.085	.026	.148	.082	.025	
4.0	.169	.088	.026	.165	.086	.025	.157	.083	.025	.149	.080	.024	.142	.077	.024	
5.0	.160	.082	.024	.156	.080	.023	.149	.078	.023	.143	.075	.022	.137	.073	.022	
6.0	.151	.076	.022	.148	.075	.022	.142	.073	.021	.136	.071	.021	.131	.069	.020	
7.0	.144	.071	.020	.141	.070	.020	.135	.068	.020	.130	.067	.019	.125	.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	.017	.123	.061	.017	.119	.060	.017	.115	.058	.017	
10.0	.124	.059	.016	.122	.059	.016	.118	.058	.016	.114	.057	.016	.111	.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
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	.172	.157	.143	.147	.135	.123	.101	.093	.085	.058	.054	.050	.019	.017	.016	
2.0	.158	.132	.111	.136	.114	.096	.093	.079	.067	.054	.046	.039	.017	.015	.013	
3.0	.147	.114	.087	.126	.098	.076	.086	.068	.053	.050	.040	.031	.016	.013	.010	
4.0	.137	.099	.070	.118	.086	.061	.081	.060	.043	.047	.035	.025	.015	.011	.008	
5.0	.129	.088	.058	.110	.076	.050	.076	.053	.035	.044	.031	.021	.014	.010	.007	
6.0	.121	.079	.048	.104	.068	.042	.072	.048	.030	.042	.028	.018	.013	.009	.006	
7.0	.115	.071	.041	.099	.062	.035	.068	.043	.025	.040	.025	.015	.013	.008	.005	
8.0	.109	.065	.035	.094	.056	.030	.065	.040	.022	.038	.023	.013	.012	.008	.004	
9.0	.103	.060	.030	.089	.052	.027	.062	.036	.019	.036	.022	.011	.012	.007	.004	
10.0	.098	.055	.027	.085	.048	.023	.059	.034	.017	.034	.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:11.992V I:0.2952A P:2.3845W PF:0.6737 Freq:60.00Hz Lamp Flux:242.719x1 lm										
NAME: 486703-MR16-2W-2700K-40°					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	22.8	23.8	23.0	24.0	24.2	22.1	23.1	22.3	23.3	23.5
3H	23.1	24.0	23.3	24.2	24.4	22.0	23.0	22.3	23.2	23.4
4H	23.1	24.0	23.4	24.2	24.4	22.0	22.9	22.3	23.1	23.3
6H	23.1	23.9	23.4	24.2	24.4	21.9	22.7	22.2	23.0	23.2
8H	23.1	23.9	23.4	24.1	24.4	21.8	22.7	22.2	22.9	23.2
12H	23.1	23.8	23.4	24.1	24.4	21.8	22.6	22.1	22.9	23.1
4H 2H	22.9	23.8	23.2	24.0	24.2	22.2	23.1	22.5	23.4	23.6
3H	23.2	24.0	23.6	24.3	24.6	22.2	23.0	22.5	23.3	23.6
4H	23.3	24.0	23.6	24.3	24.6	22.2	22.9	22.5	23.2	23.5
6H	23.3	23.9	23.7	24.3	24.6	22.1	22.7	22.5	23.1	23.4
8H	23.3	23.9	23.7	24.3	24.6	22.1	22.6	22.4	23.0	23.4
12H	23.3	23.9	23.8	24.2	24.6	22.0	22.5	22.4	22.9	23.3
8H 4H	23.2	23.8	23.6	24.1	24.5	22.1	22.7	22.5	23.1	23.4
6H	23.2	23.7	23.7	24.1	24.5	22.0	22.5	22.5	22.9	23.3
8H	23.3	23.7	23.7	24.1	24.6	22.0	22.4	22.4	22.8	23.3
12H	23.3	23.7	23.8	24.1	24.6	21.9	22.3	22.4	22.7	23.2
12H 4H	23.1	23.7	23.6	24.0	24.4	22.1	22.6	22.5	23.0	23.4
6H	23.2	23.6	23.6	24.0	24.5	22.0	22.4	22.4	22.8	23.3
8H	23.2	23.6	23.7	24.0	24.5	21.9	22.3	22.4	22.7	23.2
Variations with the observer position at spacings:										
S = 1.0H	+ 1.0 / - 1.4					+ 1.3 / - 2.1				
1.5H	+ 1.0 / - 0.8					+ 1.0 / - 1.0				
2.0H	+ 1.9 / - 1.5					+ 2.4 / - 4.0				

CIE Pub.117, 242.7 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = -4.9)
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:11.992V I:0.2952A P:2.3845W PF:0.6737 Freq:60.00Hz Lamp Flux:242.719x1 lm		
NAME: 486703-MR16-2W-2700K-40°	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:35mm	Shielding Angle:

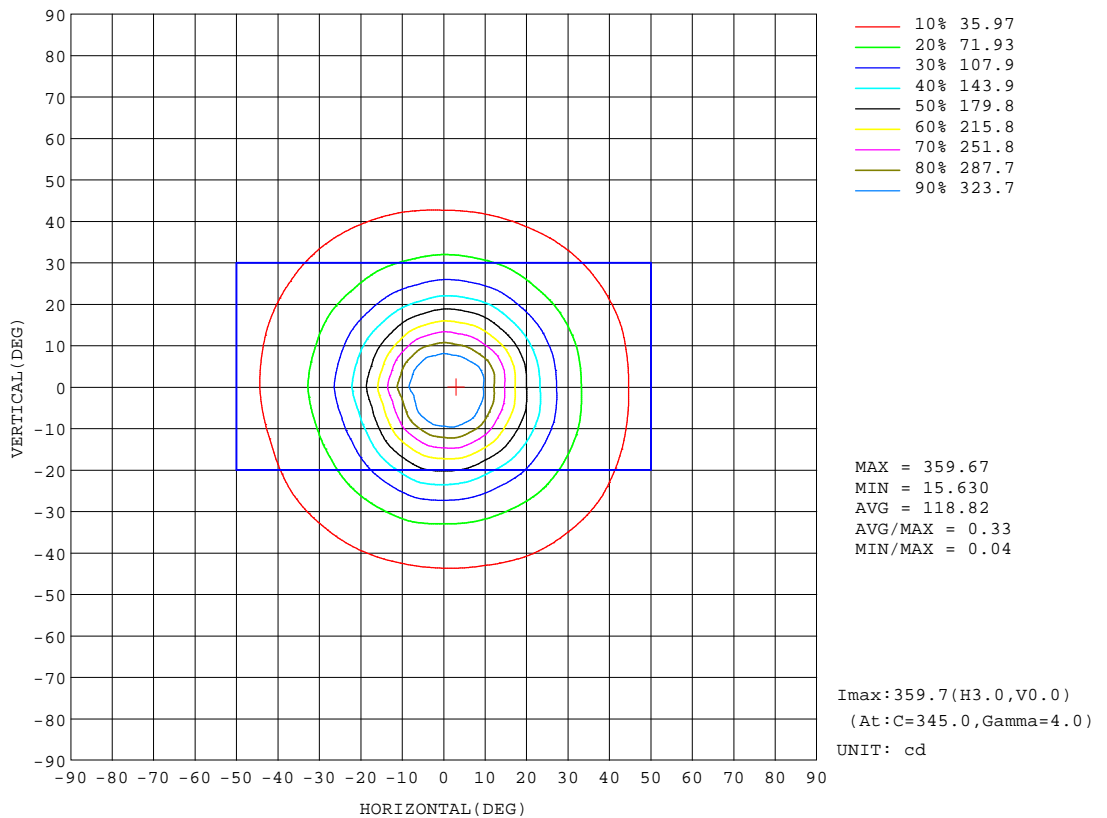
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	79	71	66	78	71	66	77	70	66	61
0.80	87	80	75	86	79	75	85	79	74	70
1.00	93	86	82	92	86	81	91	86	81	76
1.25	98	92	87	97	91	87	95	90	86	81
1.50	102	96	92	100	95	91	98	93	90	85
2.00	106	100	97	104	99	96	101	97	94	88
2.50	108	103	99	106	102	99	103	99	97	90
3.00	110	106	102	108	104	101	104	101	99	92
4.00	112	109	106	110	107	105	106	104	102	94
5.00	114	111	108	111	109	107	107	105	104	96
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:11.992V I:0.2952A P:2.3845W PF:0.6737 Freq:60.00Hz Lamp Flux:242.719x1 lm		
NAME: 486703-MR16-2W-2700K-40°	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:35mm	Shielding Angle:



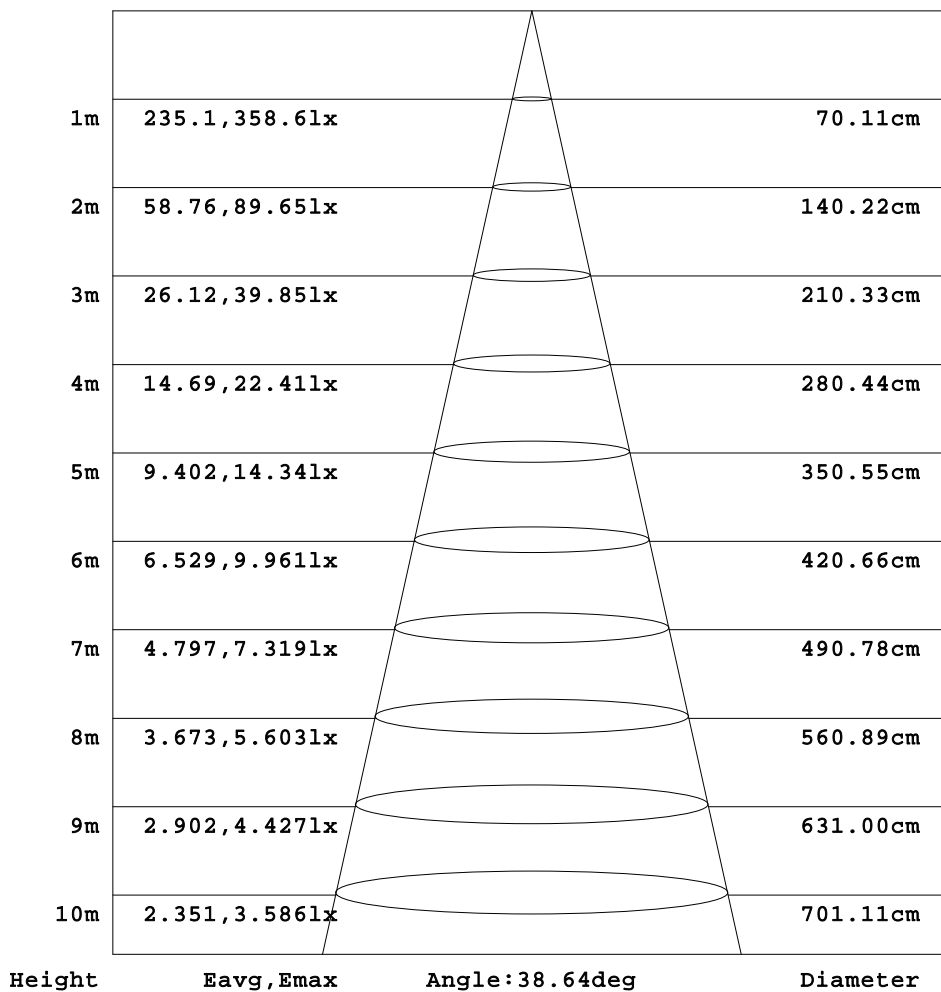
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2022-05-29

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:11.992V I:0.2952A P:2.3845W PF:0.6737 Freq:60.00Hz Lamp Flux:242.719x1 lm		
NAME: 486703-MR16-2W-2700K-40°	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:35mm	Shielding Angle:

Flux out:97.82 lm



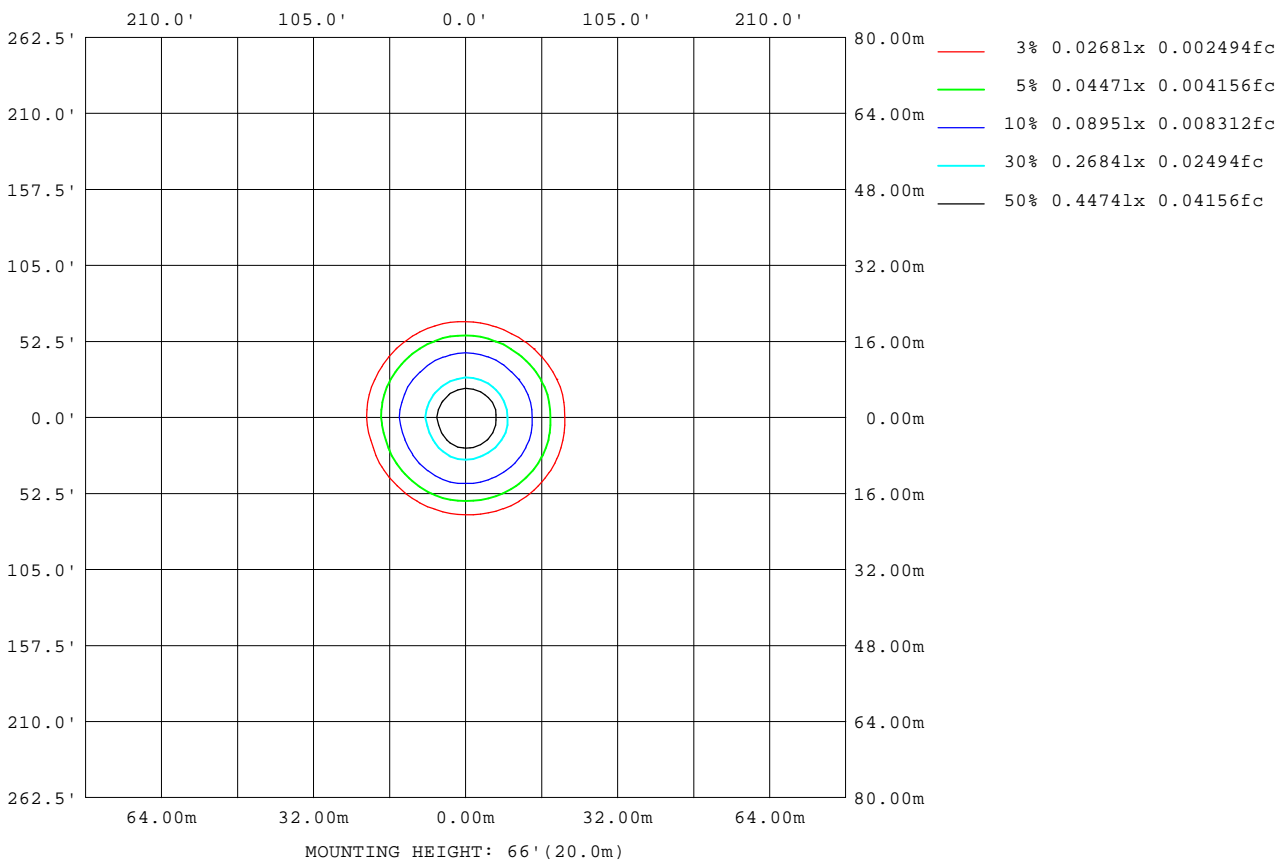
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:11.992V I:0.2952A P:2.3845W PF:0.6737 Freq:60.00Hz Lamp Flux:242.719x1 lm		
NAME: 486703-MR16-2W-2700K-40°	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:11.992V I:0.2952A P:2.3845W PF:0.6737 Freq:60.00Hz Lamp Flux:242.719x1 lm		
NAME: 486703-MR16-2W-2700K-40°	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:35mm	Shielding Angle:

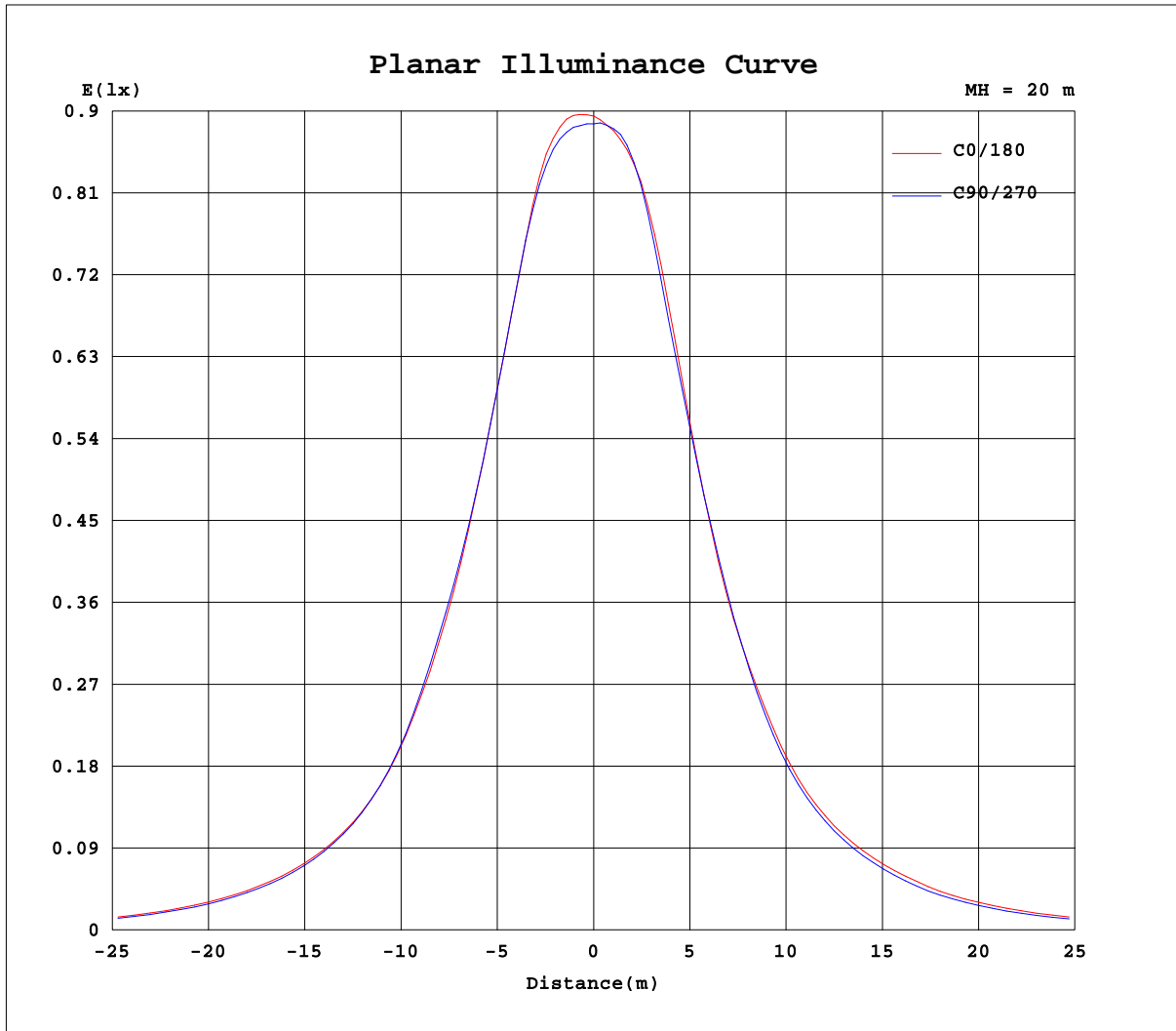
AvgL	cd/m2
L_0~180(65)av	18348
L_0~180(75)av	9097
L_0~180(85)av	6697
L_90~270(65)av	7685
L_90~270(75)av	4650
L_90~270(85)av	1
L_45(65)av	16767
L_45(75)av	6182
L_45(85)av	36

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:11.992V I:0.2952A P:2.3845W PF:0.6737 Freq:60.00Hz Lamp Flux:242.719x1 lm		
NAME: 486703-MR16-2W-2700K-40°	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	355	355	355	355	355	355	355	355	355	355	355	355	355	355	355	355	355	355	355
5	354	356	355	354	354	354	352	353	351	348	344	342	344	344	345	345	347	347	349
10	315	321	321	327	324	324	318	318	311	308	298	294	303	298	300	297	300	296	299
15	245	251	251	255	252	254	247	247	239	234	224	219	228	222	223	221	226	225	229
20	178	185	184	186	182	185	183	184	176	170	160	157	163	160	160	158	160	160	166
25	126	132	132	131	127	129	129	131	123	118	113	113	118	115	115	111	112	111	116
30	87.9	91.4	91.3	91.8	89.2	89.5	88.5	89.9	86.3	84.1	81.0	81.3	84.4	81.9	81.8	79.7	80.7	80.0	81.7
35	64.1	66.8	66.5	66.5	64.5	64.2	63.2	64.4	62.5	61.6	60.1	60.2	63.1	61.8	61.5	59.3	59.7	58.9	59.7
40	47.4	50.0	49.4	49.3	47.8	47.0	45.9	46.6	45.5	44.9	44.8	44.6	47.3	46.9	46.1	44.6	44.3	43.6	43.2
45	34.8	35.9	36.4	35.5	35.3	33.7	32.9	32.4	32.5	32.2	32.9	32.6	34.4	34.6	33.4	32.9	32.4	31.9	30.8
50	25.0	25.5	26.0	25.7	25.5	24.1	23.1	22.4	22.7	23.0	23.7	23.7	24.8	24.6	23.9	23.8	23.4	22.8	21.6
55	17.4	17.8	18.2	18.2	17.8	16.0	14.6	14.6	15.4	16.1	16.9	16.9	17.5	17.1	16.8	16.8	16.5	15.6	14.6
60	12.0	12.2	12.5	12.6	11.1	8.40	7.19	7.74	9.59	11.1	11.8	11.8	12.2	11.8	11.6	11.6	10.7	8.72	7.75
65	7.63	7.83	8.04	7.61	5.23	3.57	3.23	3.47	4.55	6.69	7.56	7.53	7.88	7.55	7.33	7.02	5.21	3.62	3.27
70	4.28	4.42	4.52	3.58	2.30	2.00	1.95	1.99	2.18	3.06	4.26	4.30	4.54	4.28	4.08	3.34	2.20	1.87	1.81
75	2.26	2.33	2.20	1.64	1.44	1.30	1.22	1.27	1.36	1.52	2.08	2.28	2.45	2.32	2.09	1.65	1.42	1.24	1.18
80	1.40	1.39	1.11	0.54	0.10	0.02	0.03	0.02	0.07	0.42	0.94	1.43	1.54	1.47	1.02	0.36	0.02	0.01	0.01
85	0.59	0.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.58	0.19	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:2022-05-29

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:11.992V I:0.2952A P:2.3845W PF:0.6737 Freq:60.00Hz Lamp Flux:242.719x1 lm		
NAME: 486703-MR16-2W-2700K-40°	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	355	355	355	355	355														
5	350	353	354	358	358														
10	298	305	310	322	324														
15	229	237	241	252	254														
20	168	174	175	182	184														
25	117	121	121	126	128														
30	81.8	84.3	83.8	87.6	89.6														
35	59.6	60.8	60.5	63.4	65.1														
40	43.2	43.7	44.4	47.0	48.2														
45	30.7	31.0	32.4	33.9	35.6														
50	21.4	21.7	23.2	24.6	25.8														
55	14.5	15.0	16.2	17.5	18.3														
60	8.29	9.98	11.2	12.3	12.7														
65	3.60	5.06	7.02	7.92	8.28														
70	1.87	2.22	3.51	4.50	4.76														
75	1.29	1.37	1.59	2.24	2.46														
80	0.01	0.17	0.63	1.21	1.43														
85	0.00	0.00	0.01	0.04	0.70														
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: