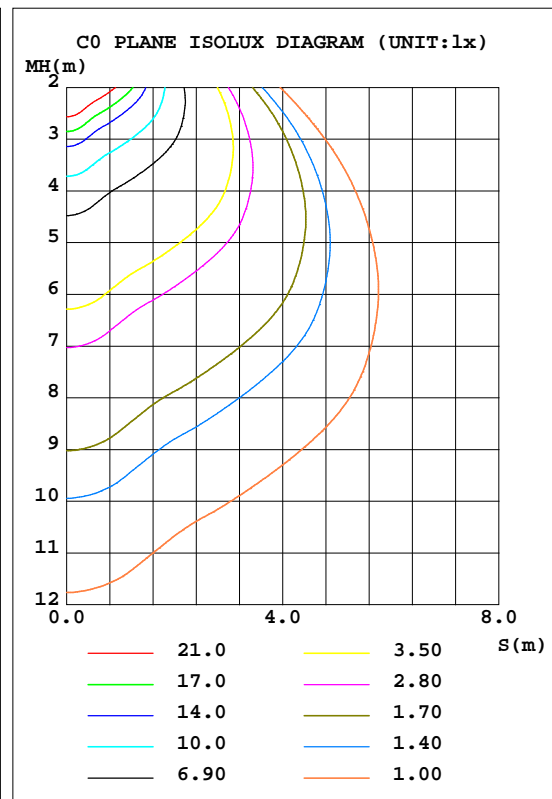
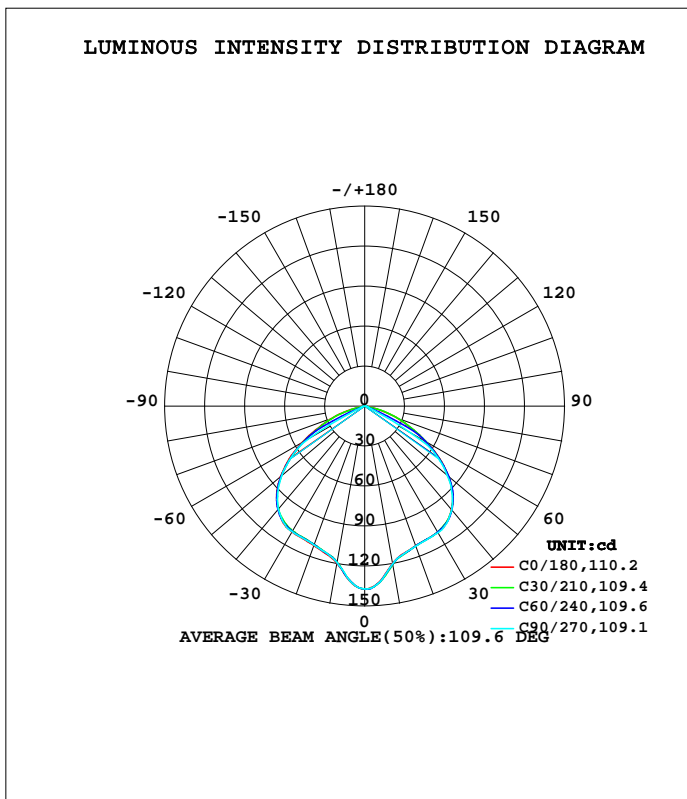


**LUMINAIRE PHOTOMETRIC TEST REPORT**

Test:U:11.932V I:0.4099A P:3.5196W PF:0.7196 Freq:60.00Hz Lamp Flux:331.767x1 lm		
NAME: 486737-MR16-3W-2700K-120°	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:35mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL		Imax(cd)	137.5	S/MH(C0/180)	1.20
NOMINAL POWER(W)	--	LOR(%)	100.0	S/MH(C90/270)	1.20
RATED VOLTAGE(V)	--	TOTAL FLUX(lm)	331.77	η UP,DN(C0-180)	0.0,50.0
NOMINAL FLUX(lm)	331.767	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,50.0
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	--	η down(%)	100.0	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2022-05-31

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	120.1	121.4	120.3	120.8	119.9	118.7	119.4	119.6	0- 10	12.17	12.17	3.67,3.67
20	111.7	111.7	111.9	112.2	111.5	110.0	110.9	110.9	10- 20	32.39	44.56	13.4,13.4
30	109.5	109.1	109.8	109.6	109.1	107.6	108.9	108.5	20- 30	50.90	95.46	28.8,28.8
40	101.3	102.0	101.6	102.3	101.0	100.4	100.8	101.5	30- 40	66.55	162.0	48.8,48.8
50	82.08	82.67	81.13	83.05	82.41	80.79	81.39	81.99	40- 50	71.59	233.6	70.4,70.4
60	52.65	53.37	38.49	53.79	53.87	51.47	46.42	52.80	50- 60	60.48	294.1	88.6,88.6
70	25.07	19.51	3.196	17.13	25.34	17.12	2.749	25.38	60- 70	30.37	324.4	97.8,97.8
80	2.051	1.013	0.2599	0.8903	1.721	0.6777	0.1261	1.179	70- 80	6.989	331.4	99.9,99.9
90	0.0244	0.0097	0	0.0067	0.0613	0.0476	0.0299	0.0528	80- 90	0.3299	331.8	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): 198.1 lm

%lum = 59.7%  
%lamp = 59.7%

Conical surface Flux(120deg): 294.07 lm

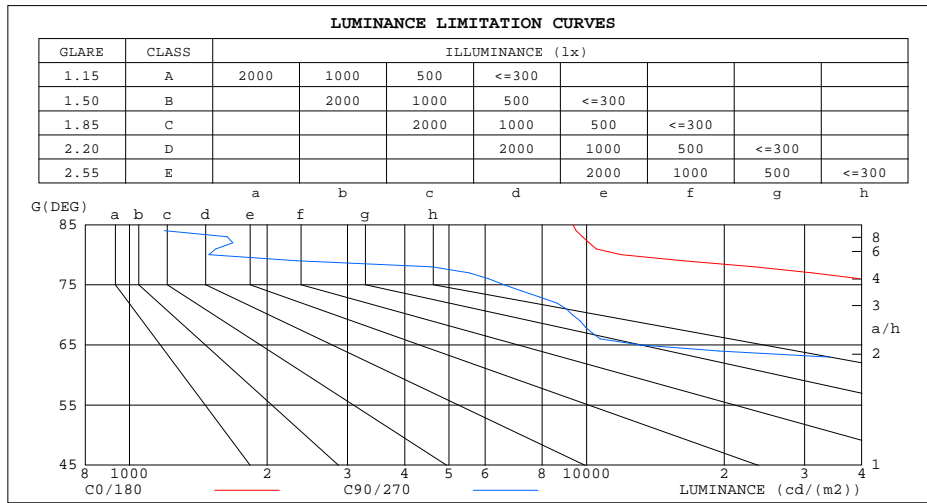
%lum = 88.6%  
%lamp = 88.6%

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2022-05-31

$\gamma$  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:11.932V I:0.4099A P:3.5196W PF:0.7196 Freq:60.00Hz Lamp Flux:331.767x1 lm		
NAME: 486737-MR16-3W-2700K-120°	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:35mm	Shielding Angle:



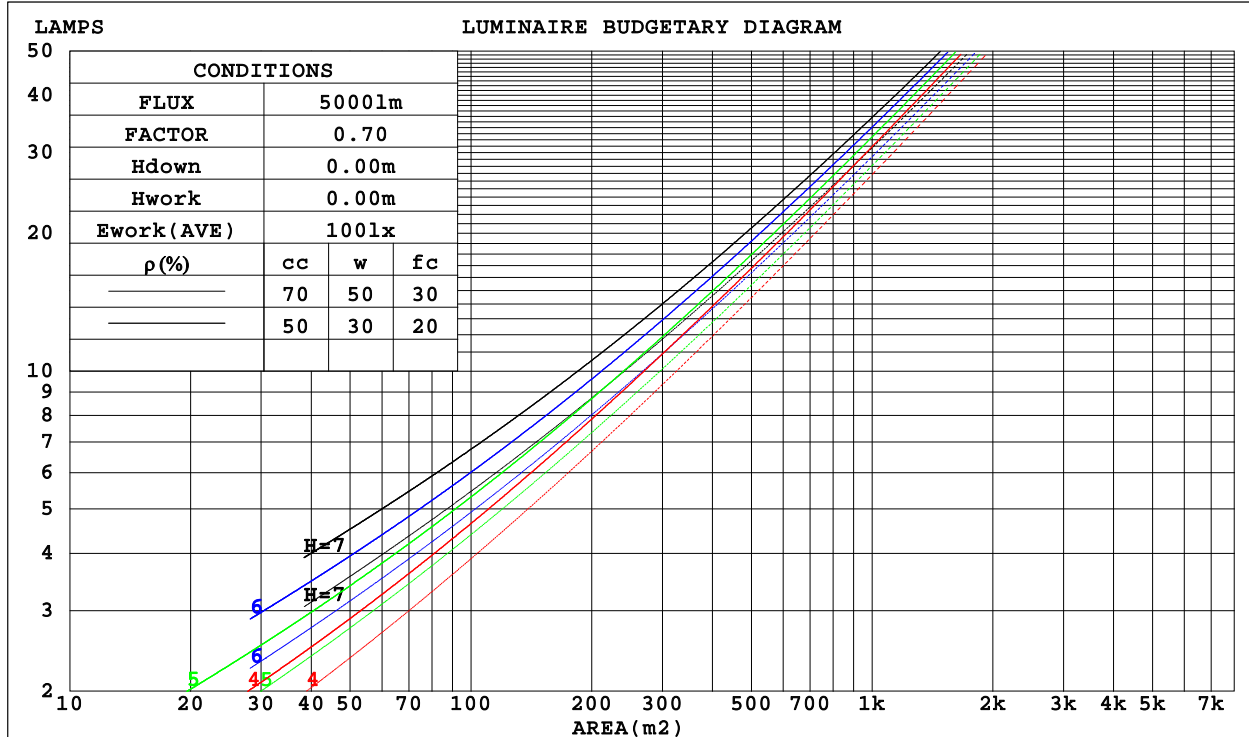
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2022-05-31

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:11.932V I:0.4099A P:3.5196W PF:0.7196 Freq:60.00Hz Lamp Flux:331.767x1 lm		
NAME: 486737-MR16-3W-2700K-120°	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:35mm	Shielding Angle:

ρ <sub>cc</sub>	80%			70%			50%			30%			10%			0
ρ <sub>w</sub>	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ <sub>fc</sub>	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	1.06	1.03	.99	1.04	1.01	.98	.90	.97	.95	.96	.94	.92	.93	.91	.89	.87
2.0	.94	.88	.83	.92	.87	.82	.89	.84	.80	.85	.82	.78	.82	.79	.76	.74
3.0	.83	.76	.70	.82	.75	.69	.79	.73	.68	.76	.71	.67	.74	.69	.66	.64
4.0	.74	.66	.59	.73	.65	.59	.70	.63	.58	.68	.62	.57	.66	.61	.57	.55
5.0	.66	.58	.51	.65	.57	.51	.63	.56	.50	.61	.55	.50	.59	.54	.49	.47
6.0	.59	.51	.45	.59	.50	.45	.57	.50	.44	.55	.49	.44	.54	.48	.43	.41
7.0	.54	.45	.39	.53	.45	.39	.52	.44	.39	.50	.44	.39	.49	.43	.38	.37
8.0	.49	.41	.35	.48	.40	.35	.47	.40	.35	.46	.39	.35	.45	.39	.34	.33
9.0	.45	.37	.31	.44	.37	.31	.43	.36	.31	.42	.36	.31	.41	.35	.31	.29
10.0	.41	.34	.28	.41	.33	.28	.40	.33	.28	.39	.33	.28	.38	.32	.28	.26



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2022-05-31

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:11.932V I:0.4099A P:3.5196W PF:0.7196 Freq:60.00Hz Lamp Flux:331.767x1 lm		
NAME: 486737-MR16-3W-2700K-120°	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	.262	.149	.047	.255	.145	.046	.242	.139	.044	.230	.133	.043	.219	.127	.041	
2.0	.258	.141	.043	.252	.139	.043	.240	.134	.042	.230	.129	.040	.220	.125	.039	
3.0	.246	.131	.039	.240	.129	.039	.230	.125	.038	.221	.121	.037	.212	.118	.036	
4.0	.232	.120	.035	.227	.119	.035	.218	.116	.035	.210	.113	.034	.202	.110	.033	
5.0	.217	.111	.032	.213	.109	.032	.205	.107	.031	.198	.104	.031	.191	.102	.031	
6.0	.204	.102	.029	.200	.101	.029	.193	.099	.029	.186	.097	.028	.180	.095	.028	
7.0	.191	.095	.027	.188	.094	.027	.182	.092	.026	.176	.090	.026	.170	.088	.026	
8.0	.180	.088	.025	.177	.087	.025	.171	.086	.024	.166	.084	.024	.161	.083	.024	
9.0	.169	.082	.023	.167	.081	.023	.162	.080	.023	.157	.079	.023	.152	.077	.022	
10.0	.160	.077	.021	.158	.076	.021	.153	.075	.021	.149	.074	.021	.144	.073	.021	

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	.177	.157	.138	.151	.134	.119	.104	.092	.082	.060	.053	.048	.019	.017	.015	
2.0	.168	.132	.102	.144	.114	.088	.098	.079	.062	.057	.046	.036	.018	.015	.012	
3.0	.160	.114	.078	.137	.098	.067	.094	.068	.047	.054	.040	.028	.017	.013	.009	
4.0	.153	.101	.061	.131	.087	.053	.090	.061	.037	.052	.035	.022	.017	.012	.007	
5.0	.146	.090	.049	.125	.078	.043	.086	.054	.030	.050	.032	.018	.016	.010	.006	
6.0	.139	.082	.041	.119	.071	.035	.082	.050	.025	.048	.029	.015	.015	.010	.005	
7.0	.133	.075	.034	.114	.065	.030	.079	.045	.021	.046	.027	.013	.015	.009	.004	
8.0	.127	.069	.029	.109	.060	.026	.075	.042	.018	.044	.025	.011	.014	.008	.004	
9.0	.121	.064	.026	.104	.056	.022	.072	.039	.016	.042	.023	.010	.014	.008	.003	
10.0	.115	.060	.023	.100	.052	.020	.069	.037	.014	.040	.022	.008	.013	.007	.003	

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2022-05-31

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:11.932V I:0.4099A P:3.5196W PF:0.7196 Freq:60.00Hz Lamp Flux:331.767x1 lm										
NAME: 486737-MR16-3W-2700K-120°					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	29.8	31.2	30.0	31.4	31.6	29.2	30.6	29.5	30.8	31.0
3H	30.7	32.0	31.0	32.2	32.4	29.0	30.3	29.3	30.6	30.8
4H	30.9	32.1	31.2	32.4	32.6	28.9	30.2	29.2	30.4	30.7
6H	30.8	32.0	31.1	32.2	32.5	28.8	30.0	29.1	30.3	30.5
8H	30.8	31.9	31.1	32.2	32.4	28.8	29.9	29.1	30.2	30.5
12H	30.7	31.8	31.1	32.1	32.4	28.7	29.8	29.1	30.1	30.4
4H 2H	30.2	31.4	30.5	31.7	31.9	29.6	30.9	29.9	31.1	31.4
3H	31.2	32.3	31.5	32.5	32.8	29.5	30.6	29.8	30.9	31.2
4H	31.4	32.4	31.8	32.7	33.1	29.4	30.4	29.8	30.7	31.0
6H	31.4	32.3	31.8	32.6	33.0	29.3	30.2	29.7	30.5	30.9
8H	31.4	32.2	31.8	32.5	32.9	29.3	30.1	29.7	30.4	30.8
12H	31.3	32.0	31.7	32.4	32.8	29.2	30.0	29.7	30.3	30.7
8H 4H	31.3	32.1	31.7	32.5	32.9	29.4	30.2	29.8	30.6	30.9
6H	31.3	32.0	31.7	32.4	32.8	29.3	30.0	29.8	30.4	30.8
8H	31.3	31.8	31.7	32.3	32.7	29.3	29.8	29.7	30.3	30.7
12H	31.2	31.7	31.7	32.2	32.6	29.2	29.7	29.7	30.2	30.6
12H 4H	31.3	32.0	31.7	32.4	32.8	29.4	30.1	29.8	30.5	30.9
6H	31.3	31.8	31.7	32.3	32.7	29.3	29.9	29.7	30.3	30.7
8H	31.2	31.7	31.7	32.2	32.6	29.2	29.7	29.7	30.2	30.6
Variations with the observer position at spacings:										
S = 1.0H	+ 0.4 / - 0.4					+ 0.2 / - 0.3				
1.5H	+ 0.3 / - 0.6					+ 1.0 / - 1.7				
2.0H	+ 0.6 / - 0.8					+ 1.1 / - 2.3				

CIE Pub.117, 331.8 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = -3.8)  
Area: 0.001 m2

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2022-05-31

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:11.932V I:0.4099A P:3.5196W PF:0.7196 Freq:60.00Hz Lamp Flux:331.767x1 lm		
NAME: 486737-MR16-3W-2700K-120°	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:35mm	Shielding Angle:

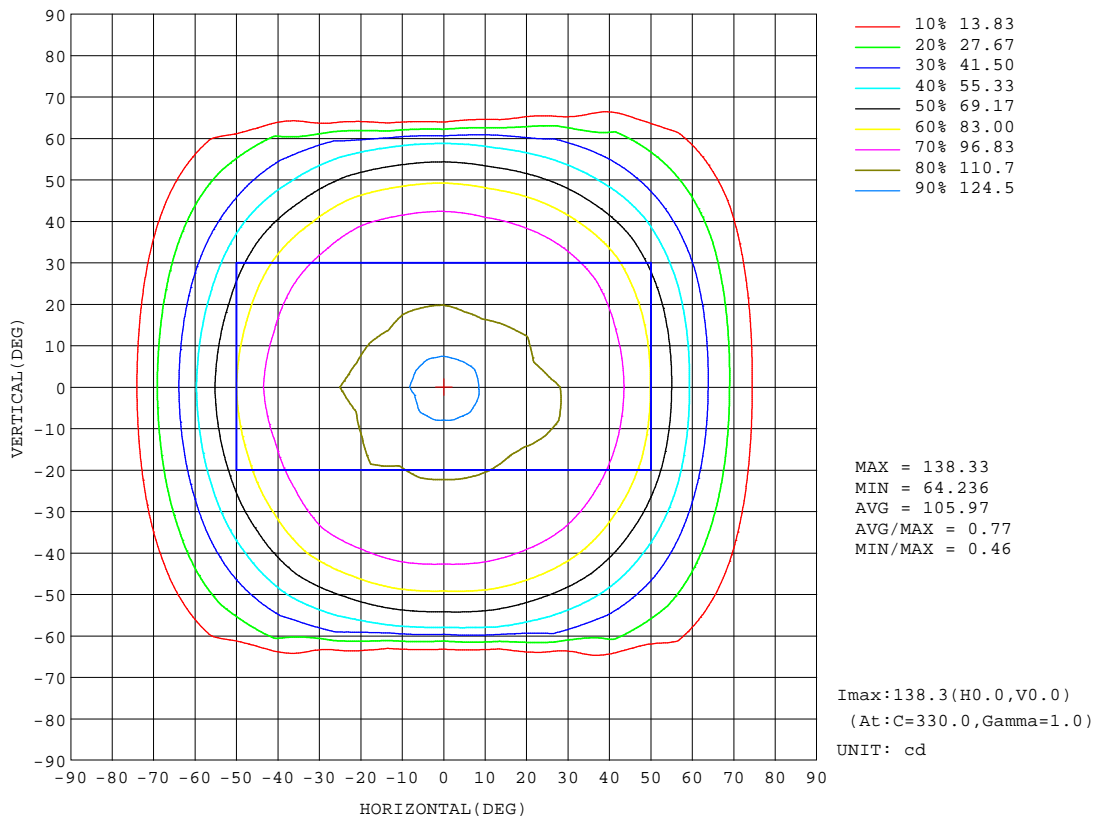
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	59	48	41	58	47	41	57	47	41	34
0.80	70	59	52	69	58	52	67	58	51	45
1.00	79	69	62	78	68	62	76	70	61	55
1.25	87	77	71	85	76	70	83	75	69	63
1.50	92	83	76	90	82	76	87	80	75	68
2.00	98	91	85	97	90	84	93	87	83	76
2.50	102	95	90	100	94	89	96	91	87	79
3.00	105	99	94	103	97	93	99	94	91	83
4.00	108	103	99	106	102	98	102	98	95	87
5.00	110	106	103	108	104	101	104	101	98	89
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:2022-05-31

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:11.932V I:0.4099A P:3.5196W PF:0.7196 Freq:60.00Hz Lamp Flux:331.767x1 lm		
NAME: 486737-MR16-3W-2700K-120°	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:2022-05-31

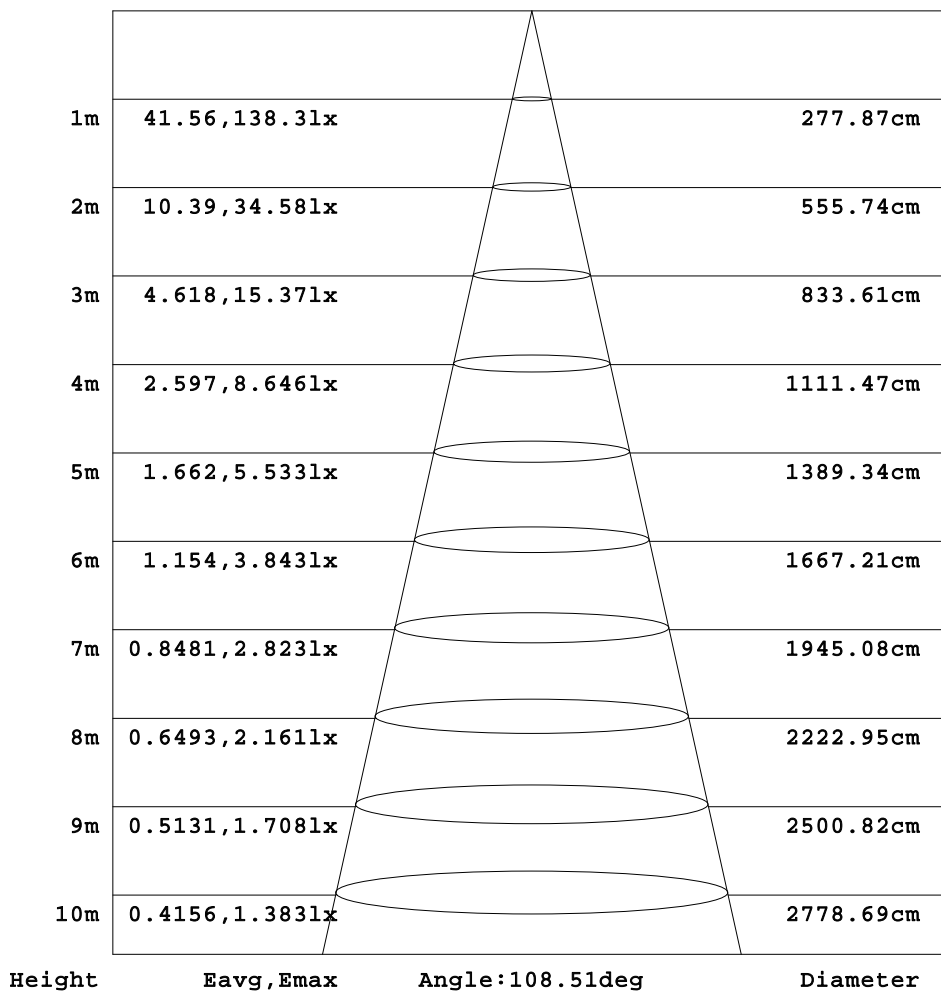
γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-3000H\_V1 SYSTEM V2.00.411  
 Humidity:65.0%  
 Test Distance:9.000m [K=1.0000]  
 Remarks:



**AAI Figure**

Test:U:11.932V I:0.4099A P:3.5196W PF:0.7196 Freq:60.00Hz Lamp Flux:331.767x1 lm		
NAME: 486737-MR16-3W-2700K-120°	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:35mm	Shielding Angle:

Flux out:266.3 lm



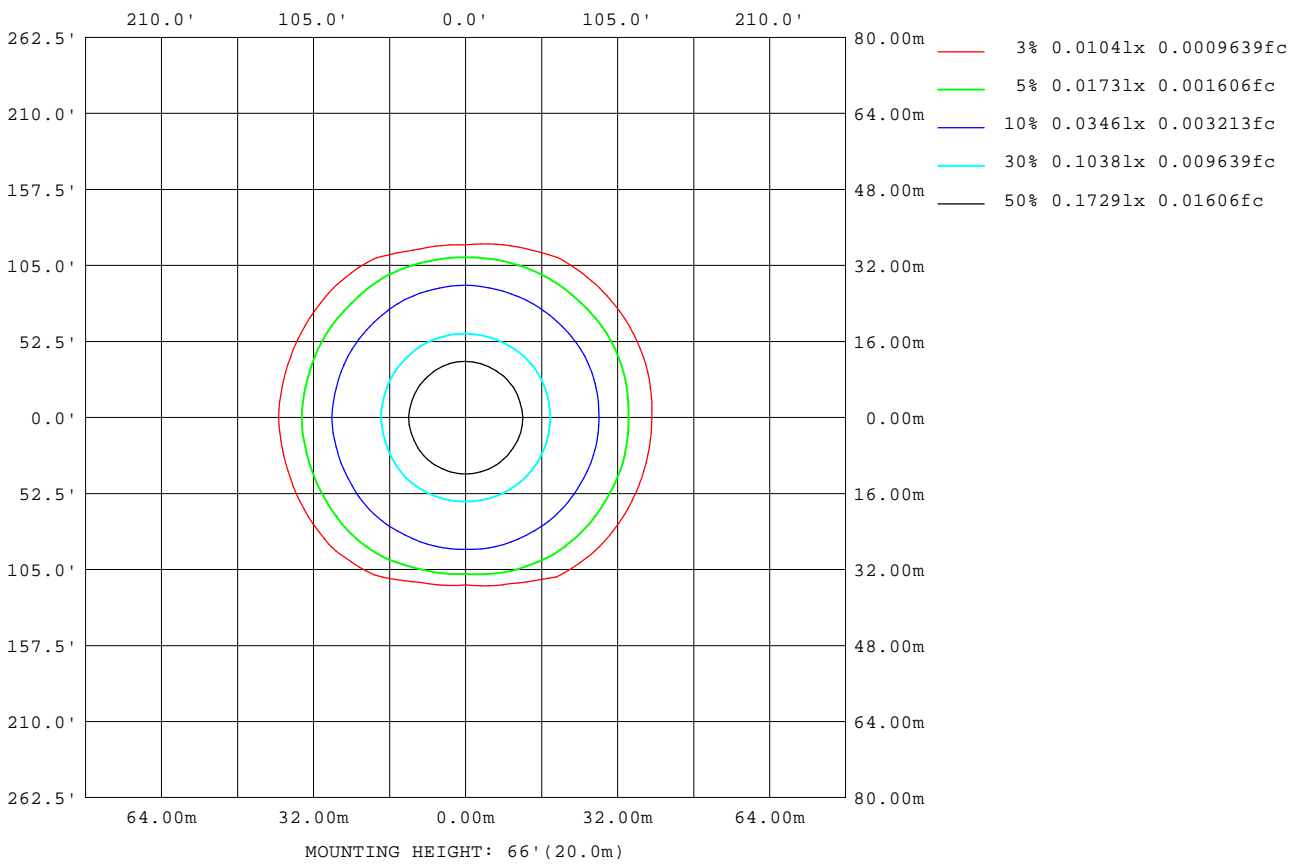
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2022-05-31

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:11.932V I:0.4099A P:3.5196W PF:0.7196 Freq:60.00Hz Lamp Flux:331.767x1 lm		
NAME: 486737-MR16-3W-2700K-120°	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:2022-05-31

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:11.932V I:0.4099A P:3.5196W PF:0.7196 Freq:60.00Hz Lamp Flux:331.767x1 lm		
NAME: 486737-MR16-3W-2700K-120°	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:35mm	Shielding Angle:

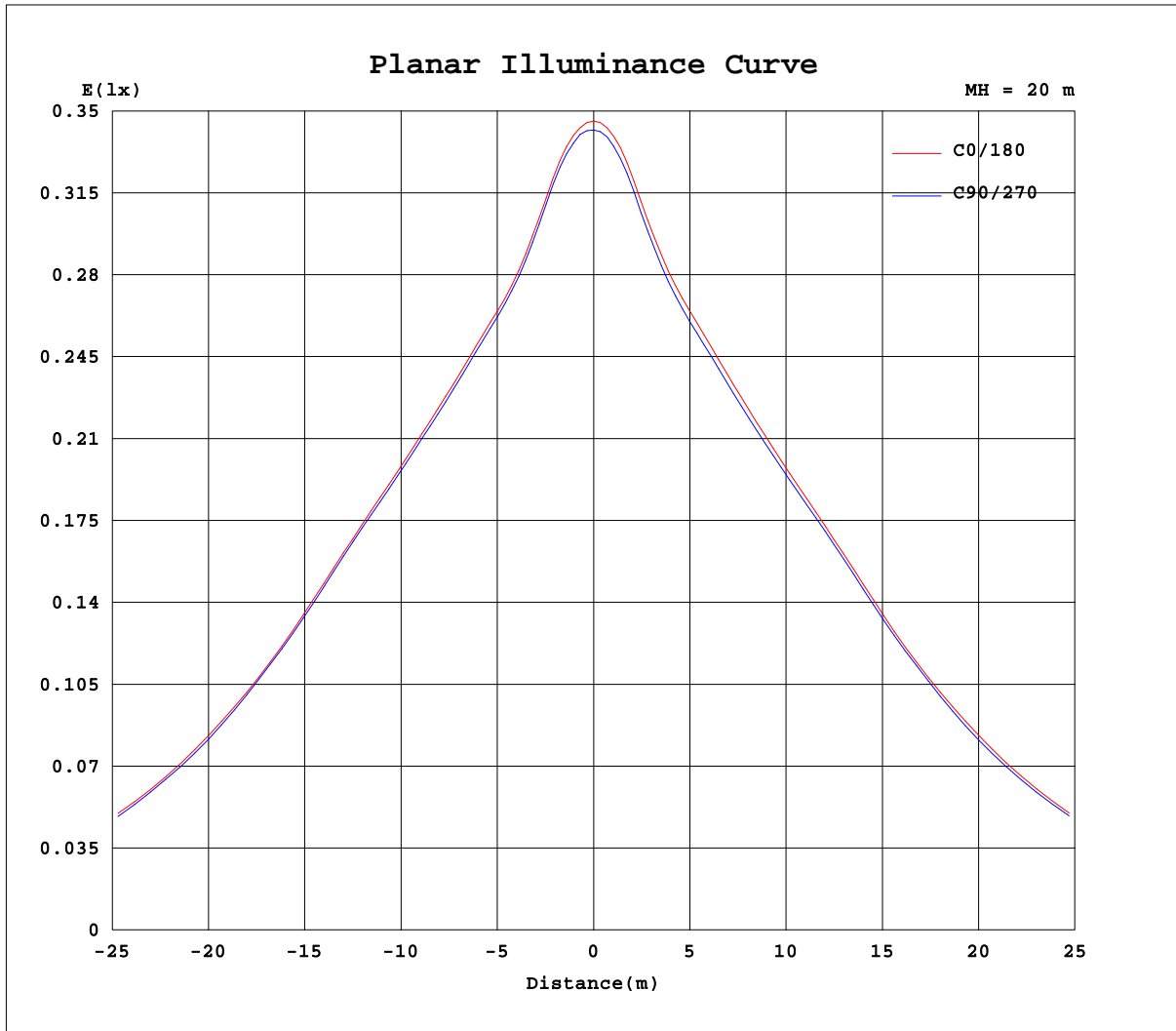
AvgL	cd/m2
L_0~180(65)av	89800
L_0~180(75)av	44683
L_0~180(85)av	8247
L_90~270(65)av	15858
L_90~270(75)av	6067
L_90~270(85)av	252
L_45(65)av	89721
L_45(75)av	9613
L_45(85)av	915

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2022-05-31

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: 2022-05-31

$\gamma$  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:11.932V I:0.4099A P:3.5196W PF:0.7196 Freq:60.00Hz Lamp Flux:331.767x1 lm		
NAME: 486737-MR16-3W-2700K-120°	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	137	137	137	137	137	137	137	137	137	137	137	137	137	137	137	137	137	137	137
5	132	133	133	133	132	133	132	133	132	132	131	130	132	131	131	131	131	131	131
10	120	121	121	121	120	121	120	121	121	121	119	119	120	119	119	119	119	119	119
15	114	115	115	115	115	115	115	115	115	115	115	114	114	114	114	113	114	114	114
20	112	112	112	112	112	112	112	112	112	112	112	111	111	111	111	110	111	111	111
25	110	111	110	110	110	110	110	111	111	111	110	110	110	109	109	109	109	109	109
30	110	110	109	109	109	110	110	110	110	110	109	109	109	108	108	108	108	109	109
35	107	107	107	107	107	107	107	108	107	107	106	106	107	106	106	105	106	106	106
40	101	102	102	102	102	102	102	102	102	102	101	100	101	100	101	100	101	101	101
45	93.4	93.6	93.4	94.0	93.7	93.5	92.7	93.9	93.9	94.4	92.5	92.6	93.6	92.4	92.9	92.2	93.3	92.4	92.3
50	82.1	82.7	82.1	82.7	82.4	82.6	81.1	82.4	82.3	83.0	81.4	81.5	82.4	81.3	81.7	80.8	81.9	81.2	81.4
55	68.7	68.9	68.0	68.7	68.1	68.3	67.0	67.9	68.0	69.1	67.5	68.1	69.3	67.4	67.6	66.7	68.0	67.1	67.5
60	52.7	53.6	53.0	53.4	52.6	46.1	38.5	43.2	52.4	53.8	52.6	52.9	53.9	52.3	52.5	51.5	52.4	49.6	46.4
65	37.8	37.7	38.2	37.9	26.2	8.17	5.57	7.62	23.6	38.1	38.0	37.3	38.1	37.7	37.0	37.2	26.9	10.2	7.83
70	25.1	25.1	25.6	19.5	3.55	3.40	3.20	3.22	3.34	17.1	24.9	24.5	25.3	24.8	24.4	17.1	2.97	2.84	2.75
75	12.2	12.5	12.7	2.34	2.14	1.90	1.72	1.76	1.96	2.50	10.4	9.91	11.0	10.4	10.1	1.87	1.61	1.46	1.42
80	2.05	2.15	1.54	1.01	0.41	0.25	0.26	0.22	0.26	0.89	1.33	1.69	1.72	1.58	1.06	0.68	0.28	0.12	0.13
85	0.81	0.71	0.08	0.11	0.08	0.01	0.01	0.03	0.07	0.07	0.06	0.26	0.63	0.34	0.06	0.06	0.05	0.04	0.03
90	0.02	0.04	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.01	0.01	0.04	0.06	0.06	0.05	0.05	0.04	0.03	0.03

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2022-05-31

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:11.932V I:0.4099A P:3.5196W PF:0.7196 Freq:60.00Hz Lamp Flux:331.767x1 lm		
NAME: 486737-MR16-3W-2700K-120°	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	137	137	137	137	137															
5	131	131	131	133	133															
10	119	119	120	121	121															
15	113	114	114	115	115															
20	111	111	111	112	112															
25	109	109	110	110	110															
30	109	108	108	109	109															
35	106	106	106	107	107															
40	100	101	102	102	102															
45	91.7	92.9	93.4	94.8	94.2															
50	80.4	81.6	82.0	84.2	83.6															
55	66.5	67.5	68.0	70.3	70.2															
60	51.0	52.4	52.8	54.9	54.9															
65	15.8	35.6	38.4	39.1	39.8															
70	2.65	4.87	25.4	26.3	26.9															
75	1.47	1.87	3.25	13.0	13.8															
80	0.18	0.69	1.18	2.14	2.69															
85	0.05	0.07	0.08	0.12	1.00															
90	0.03	0.04	0.05	0.06	0.07															

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2022-05-31

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: