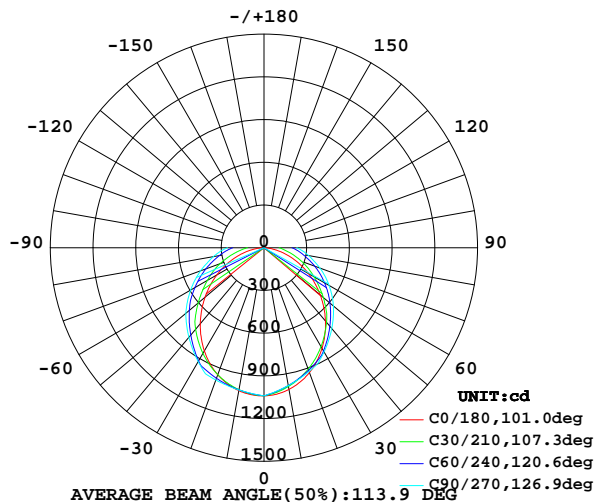


## LUMINAIRE PHOTOMETRIC TEST REPORT

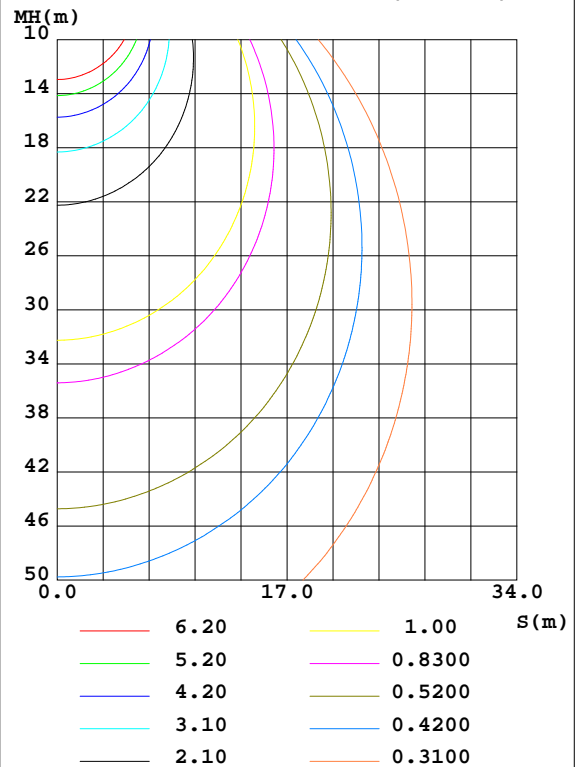
Test:U:120.4V I:0.1810A P:21.70W PF:0.9957 Lamp Flux:3189.94x1 lm		
NAME: MLSN4-22/D10/U/50	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:1182*66*14mm	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 147.01 lm/W			
MODEL	5000K	I <sub>max</sub> (cd)	1040	S/MH(C0/180)	1.20
NOMINAL POWER(W)	22	LOR(%)	100.0	S/MH(C90/270)	1.31
RATED VOLTAGE(V)	120-277	TOTAL FLUX(lm)	3189.9	η UP,DN(C0-180)	0.0,48.0
NOMINAL FLUX(lm)	3189.94	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,52.0
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120	η down(%)	100.0	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2020-06-16

γ Range: 0 - 90DEG  
γ Interval: 0.5DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.290  
Humidity:65.0%  
Test Distance:8.900m [K=1.0000]  
Remarks:

## ZONAL FLUX DIAGRAM

## ZONAL FLUX DIAGRAM:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	$\Phi$ lum, lamp
5	1032	1016	1011	1018	1036	1029	1027	1027	0- 5	24.62	24.62	0.77,0.77
10	1010	984.9	982.7	990.0	1019	1012	1014	1007	5- 10	72.39	97.01	3.04,3.04
15	976.9	949.3	953.9	956.1	990.2	989.6	1001	980.9	10- 15	117.1	214.1	6.71,6.71
20	933.5	909.4	925.2	917.7	949.4	962.1	988.6	949.8	15- 20	157.6	371.6	11.6,11.6
25	878.4	866.6	896.4	874.7	898.0	929.3	975.7	915.3	20- 25	193.0	564.6	17.7,17.7
30	815.3	820.8	844.5	829.2	838.2	893.1	924.0	877.6	25- 30	221.9	786.6	24.7,24.7
35	746.0	767.6	792.6	775.5	769.1	845.1	872.2	827.0	30- 35	242.2	1029	32.3,32.3
40	672.0	702.0	740.7	709.4	696.6	777.3	820.5	757.5	35- 40	254.4	1283	40.2,40.2
45	594.3	636.8	688.8	643.5	619.5	709.7	768.8	689.1	40- 45	259.0	1542	48.3,48.3
50	516.1	572.9	636.9	578.8	541.0	644.1	717.1	622.4	45- 50	256.7	1799	56.4,56.4
55	437.0	511.4	582.3	515.6	461.9	580.8	656.2	558.6	50- 55	248.0	2047	64.2,64.2
60	359.0	451.8	527.6	454.5	382.7	519.0	595.4	496.6	55- 60	233.3	2280	71.5,71.5
65	282.5	391.9	472.9	392.6	305.4	450.7	534.5	430.0	60- 65	213.8	2494	78.2,78.2
70	208.6	334.9	418.2	333.4	228.4	385.6	473.7	367.0	65- 70	190.3	2684	84.1,84.1
75	138.8	280.9	363.5	277.4	156.9	323.8	412.9	307.8	70- 75	164.2	2849	89.3,89.3
80	75.80	231.5	318.8	226.2	91.85	266.4	360.9	252.8	75- 80	137.6	2986	93.6,93.6
85	28.60	193.2	274.0	187.8	40.20	218.8	308.9	207.2	80- 85	112.9	3099	97.2,97.2
90	9.910	157.0	229.3	151.6	14.37	173.4	257.0	164.4	85- 90	90.91	3190	100,100
95									90- 95			
100									95-100			
105									100-105			
110									105-110			
115									110-115			
120									115-120			
125									120-125			
130									125-130			
135									130-135			
140									135-140			
145									140-145			
150									145-150			
155									150-155			
160									155-160			
165									160-165			
170									165-170			
175									170-175			
180									175-180			
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

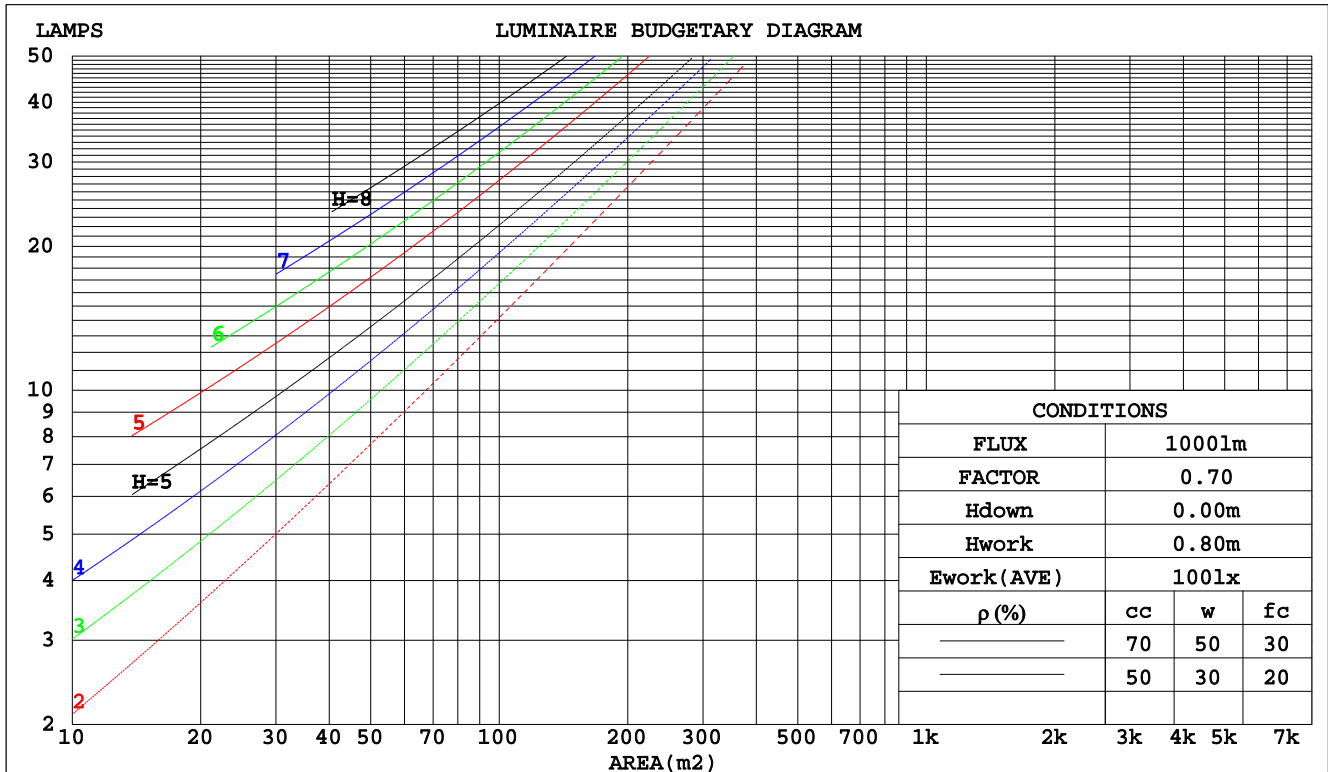
C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2020-06-16

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 0.5DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.290  
 Humidity:65.0%  
 Test Distance:8.900m [K=1.0000]  
 Remarks:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.4V I:0.1810A P:21.70W PF:0.9957 Lamp Flux:3189.94x1 lm		
NAME: MLSN4-22/D10/U/50	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:1182*66*14mm	PROTECTION 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						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	1.01	.96	.91	.98	.94	.89	.94	.90	.87	.90	.87	.84	.86	.84	.81	.79
2.0	.87	.79	.73	.85	.78	.72	.81	.75	.70	.78	.73	.68	.75	.71	.67	.65
3.0	.76	.67	.60	.74	.66	.59	.71	.64	.58	.68	.62	.57	.66	.60	.56	.54
4.0	.67	.57	.50	.66	.57	.50	.63	.55	.49	.61	.54	.48	.58	.53	.48	.45
5.0	.60	.50	.43	.58	.50	.43	.56	.48	.42	.54	.47	.42	.52	.46	.41	.39
6.0	.54	.44	.38	.53	.44	.37	.51	.43	.37	.49	.42	.37	.47	.41	.36	.34
7.0	.49	.39	.33	.48	.39	.33	.46	.38	.33	.45	.38	.32	.43	.37	.32	.30
8.0	.44	.36	.29	.44	.35	.29	.42	.35	.29	.41	.34	.29	.40	.33	.29	.27
9.0	.41	.32	.26	.40	.32	.26	.39	.31	.26	.38	.31	.26	.37	.31	.26	.24
10.0	.38	.29	.24	.37	.29	.24	.36	.29	.24	.35	.28	.24	.34	.28	.24	.22



C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2020-06-16

γ Range: 0 - 90DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.290  
 Humidity:65.0%  
 Test Distance:8.900m [K=1.0000]  
 Remarks:

## WEC AND CCEC

Test:U:120.4V I:0.1810A P:21.70W PF:0.9957 Lamp Flux:3189.94x1 lm					
NAME: MLSN4-22/D10/U/50			TYPE:LED		WEIGHT:
SPEC.:			DIM.:		SERIAL No.:
MFR.:			SUR.:1182*66*14mm		PROTECTION 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	.369	.210	.067	.362	.207	.066	.349	.200	.064	.336	.194	.062	.325	.188	.061	
2.0	.326	.179	.055	.320	.176	.054	.308	.171	.053	.297	.167	.052	.287	.162	.051	
3.0	.293	.156	.047	.287	.154	.046	.277	.150	.046	.267	.146	.045	.258	.143	.044	
4.0	.265	.138	.041	.260	.136	.040	.251	.133	.040	.242	.130	.039	.234	.127	.039	
5.0	.242	.123	.036	.238	.122	.036	.230	.120	.035	.222	.117	.035	.215	.115	.034	
6.0	.223	.112	.032	.219	.111	.032	.211	.108	.032	.204	.106	.031	.198	.104	.031	
7.0	.206	.102	.029	.202	.101	.029	.196	.099	.029	.190	.097	.028	.184	.096	.028	
8.0	.191	.094	.026	.188	.093	.026	.182	.091	.026	.177	.090	.026	.172	.088	.026	
9.0	.179	.086	.024	.176	.086	.024	.171	.084	.024	.166	.083	.024	.161	.082	.024	
10.0	.167	.080	.022	.165	.080	.022	.160	.078	.022	.156	.077	.022	.151	.076	.022	

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	.184	.156	.130	.158	.134	.112	.108	.092	.077	.062	.053	.045	.020	.017	.015	
2.0	.177	.132	.094	.151	.113	.081	.104	.078	.057	.060	.046	.033	.019	.015	.011	
3.0	.169	.114	.071	.145	.099	.062	.099	.069	.043	.057	.040	.025	.018	.013	.008	
4.0	.161	.101	.056	.138	.088	.049	.095	.061	.034	.055	.036	.020	.018	.012	.007	
5.0	.153	.091	.045	.131	.079	.039	.090	.055	.028	.052	.032	.017	.017	.011	.005	
6.0	.145	.083	.038	.125	.072	.033	.086	.050	.023	.050	.030	.014	.016	.010	.005	
7.0	.138	.076	.032	.119	.066	.028	.082	.046	.020	.048	.027	.012	.015	.009	.004	
8.0	.131	.070	.028	.113	.061	.024	.078	.043	.017	.046	.025	.010	.015	.008	.003	
9.0	.125	.065	.025	.108	.056	.021	.075	.040	.015	.043	.023	.009	.014	.008	.003	
10.0	.119	.061	.022	.103	.053	.019	.071	.037	.014	.042	.022	.008	.013	.007	.003	

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2020-06-16

γ Range: 0 - 90DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.290  
 Humidity:65.0%  
 Test Distance:8.900m [K=1.0000]  
 Remarks:

## UGR(Unified Glare Rating) Table

Test:U:120.4V I:0.1810A P:21.70W PF:0.9957 Lamp Flux:3189.94x1 lm											
NAME: MLSN4-22/D10/U/50					TYPE:LED			WEIGHT:			
SPEC.:					DIM.:			SERIAL No.:			
MFR.:					SUR.:1182*66*14mm			PROTECTION 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	15.4	17.0	15.7	17.2	17.4	17.1	18.7	17.3	18.9	19.1	
	3H	16.8	18.2	17.1	18.5	18.7	19.4	20.9	19.7	21.1	
	4H	17.3	18.7	17.6	18.9	19.2	20.6	22.0	20.9	22.3	
	6H	17.6	18.9	17.9	19.2	19.5	21.9	23.3	22.3	23.6	
	8H	17.7	19.0	18.0	19.2	19.5	22.7	24.0	23.0	24.3	
	12H	17.7	19.0	18.0	19.3	19.6	23.5	24.8	23.9	25.1	
4H	2H	16.4	17.8	16.7	18.1	18.3	17.6	19.1	18.0	19.3	
	3H	18.0	19.3	18.4	19.6	19.9	20.2	21.5	20.5	21.8	
	4H	18.7	19.9	19.1	20.2	20.5	21.6	22.8	22.0	23.1	
	6H	19.2	20.2	19.6	20.6	21.0	23.2	24.2	23.6	24.6	
	8H	19.4	20.3	19.8	20.7	21.1	24.1	25.0	24.5	25.4	
	12H	19.5	20.4	19.9	20.8	21.2	25.0	26.0	25.5	26.3	
8H	4H	19.5	20.5	20.0	20.9	21.3	21.9	22.9	22.4	23.3	
	6H	20.4	21.2	20.8	21.6	22.1	23.8	24.6	24.3	25.0	
	8H	20.8	21.5	21.2	21.9	22.4	24.9	25.6	25.4	26.1	
	12H	21.0	21.7	21.5	22.1	22.6	26.2	26.8	26.6	27.3	
12H	4H	19.8	20.7	20.2	21.1	21.5	22.0	22.9	22.4	23.3	
	6H	20.9	21.6	21.3	22.0	22.5	23.9	24.7	24.4	25.1	
	8H	21.4	22.0	21.9	22.5	23.0	25.1	25.8	25.6	26.2	
Variations with the observer position at spacings:											
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.1					
1.5H	+ 0.2 / - 0.2					+ 0.2 / - 0.3					
2.0H	+ 0.1 / - 0.3					+ 0.2 / - 0.4					

CIE Pub.117 Corrected 3190 lm Total Lamp Luminous Flux.(8log(F/F0) = 4.0)

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2020-06-16

γ Range: 0 - 90DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.290  
 Humidity:65.0%  
 Test Distance:8.900m [K=1.0000]  
 Remarks:

## UTILIZATION FACTORS TABLE

Test:U:120.4V I:0.1810A P:21.70W PF:0.9957 Lamp Flux:3189.94x1 lm		
NAME: MLSN4-22/D10/U/50	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:1182*66*14mm	PROTECTION 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) $k(RI) \times RCR = 5$									
$k = 0.60$	55	43	36	55	43	36	53	43	36	29
0.80	65	53	45	64	52	45	62	51	44	37
1.00	73	61	53	72	60	53	69	62	52	45
1.25	80	68	61	78	68	60	76	66	60	52
1.50	85	74	66	83	73	66	80	71	65	57
2.00	92	82	75	90	81	74	86	79	73	64
2.50	96	87	80	94	86	79	90	83	77	69
3.00	99	91	85	97	90	84	93	87	82	73
4.00	104	97	91	101	95	90	97	92	87	78
5.00	106	101	96	104	99	94	99	95	91	81
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2020-06-16

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 0.5DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.290  
 Humidity:65.0%  
 Test Distance:8.900m [K=1.0000]  
 Remarks:

## ISOCANDELA DIAGRAM

Test:U:120.4V I:0.1810A P:21.70W PF:0.9957 Lamp Flux:3189.94x1 lm		
NAME: MLSN4-22/D10/U/50	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:1182*66*14mm	PROTECTION ANGLE:

Conical surface Flux(90deg):

1542.2 lm

%lum = 48.3%

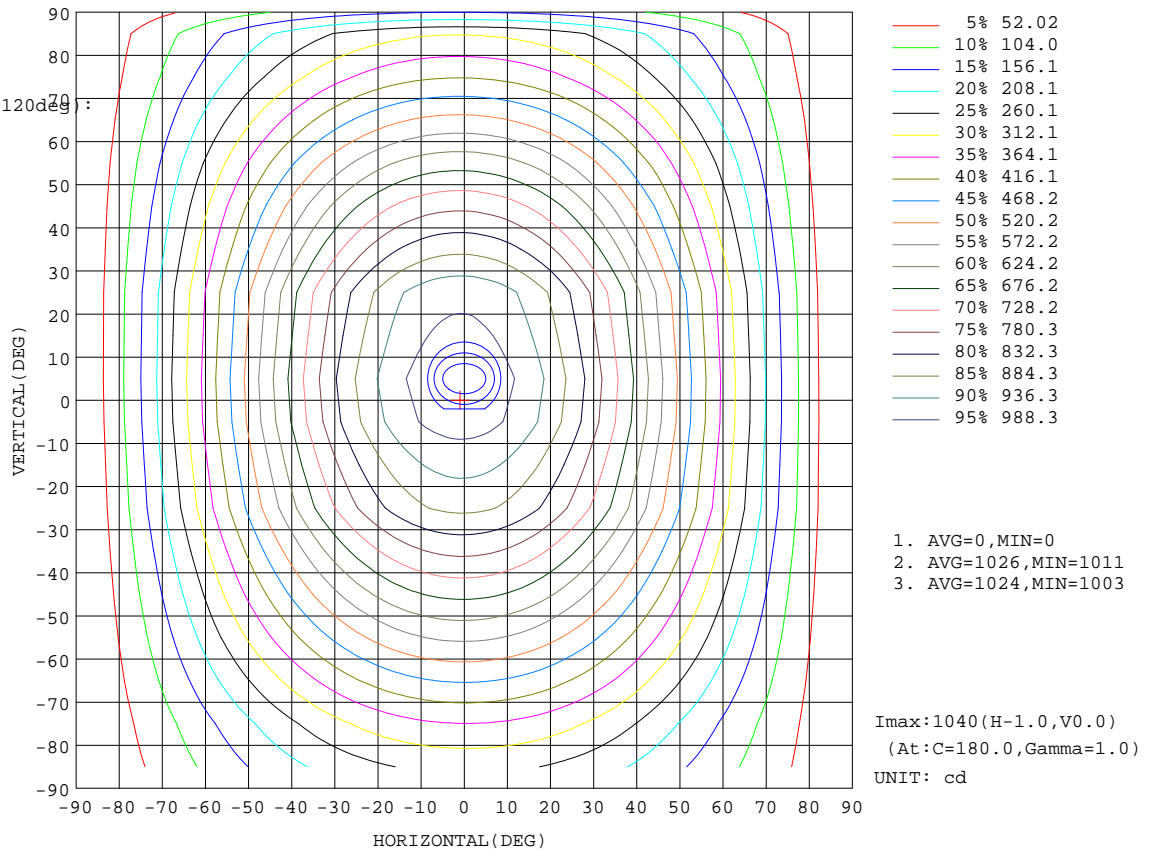
%lamp = 48.3%

Conical surface Flux(120deg):

2280.2 lm

%lum = 71.5%

%lamp = 71.5%

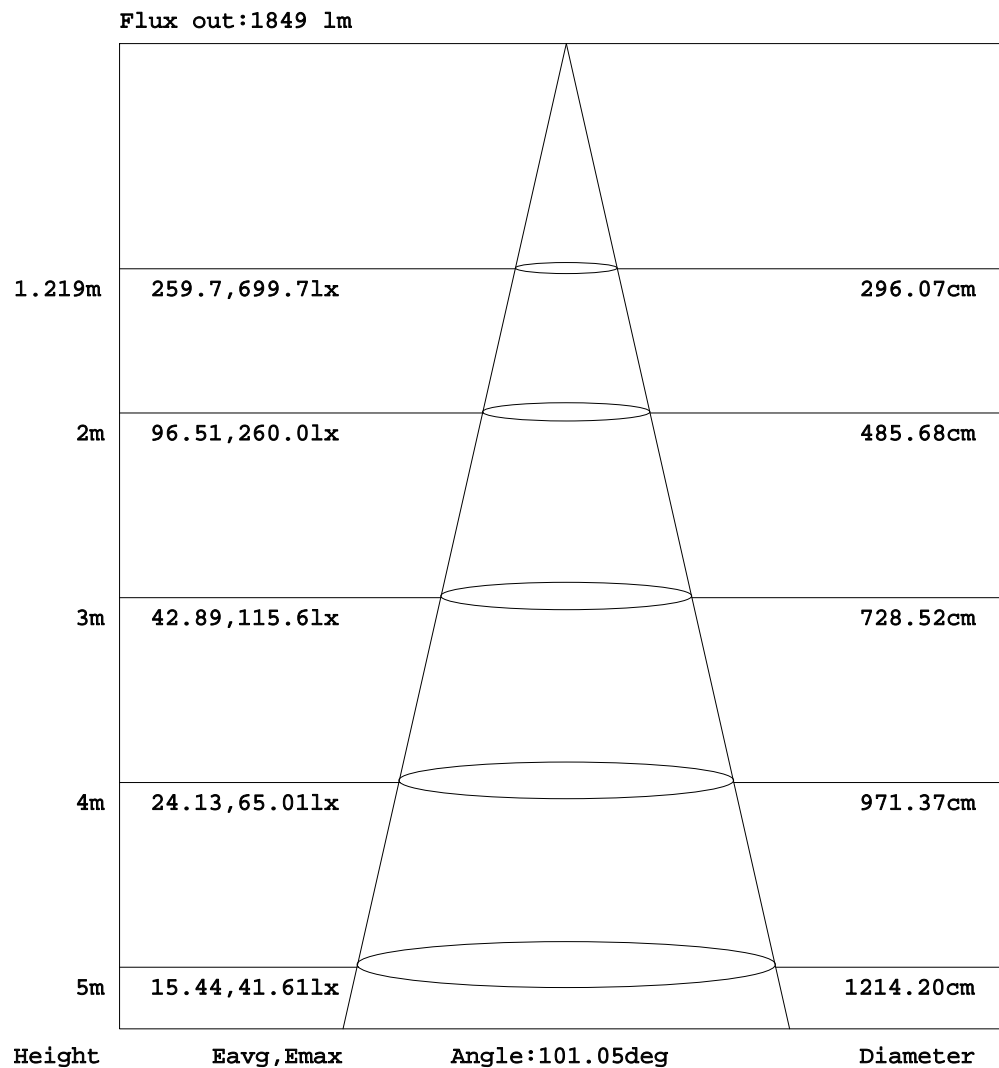


C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2020-06-16

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 0.5DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.290  
Humidity:65.0%  
Test Distance:8.900m [K=1.0000]  
Remarks:

## AAI Figure

Test:U:120.4V I:0.1810A P:21.70W PF:0.9957 Lamp Flux:3189.94x1 lm		
NAME: MLSN4-22/D10/U/50	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:1182*66*14mm	PROTECTION ANGLE:



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

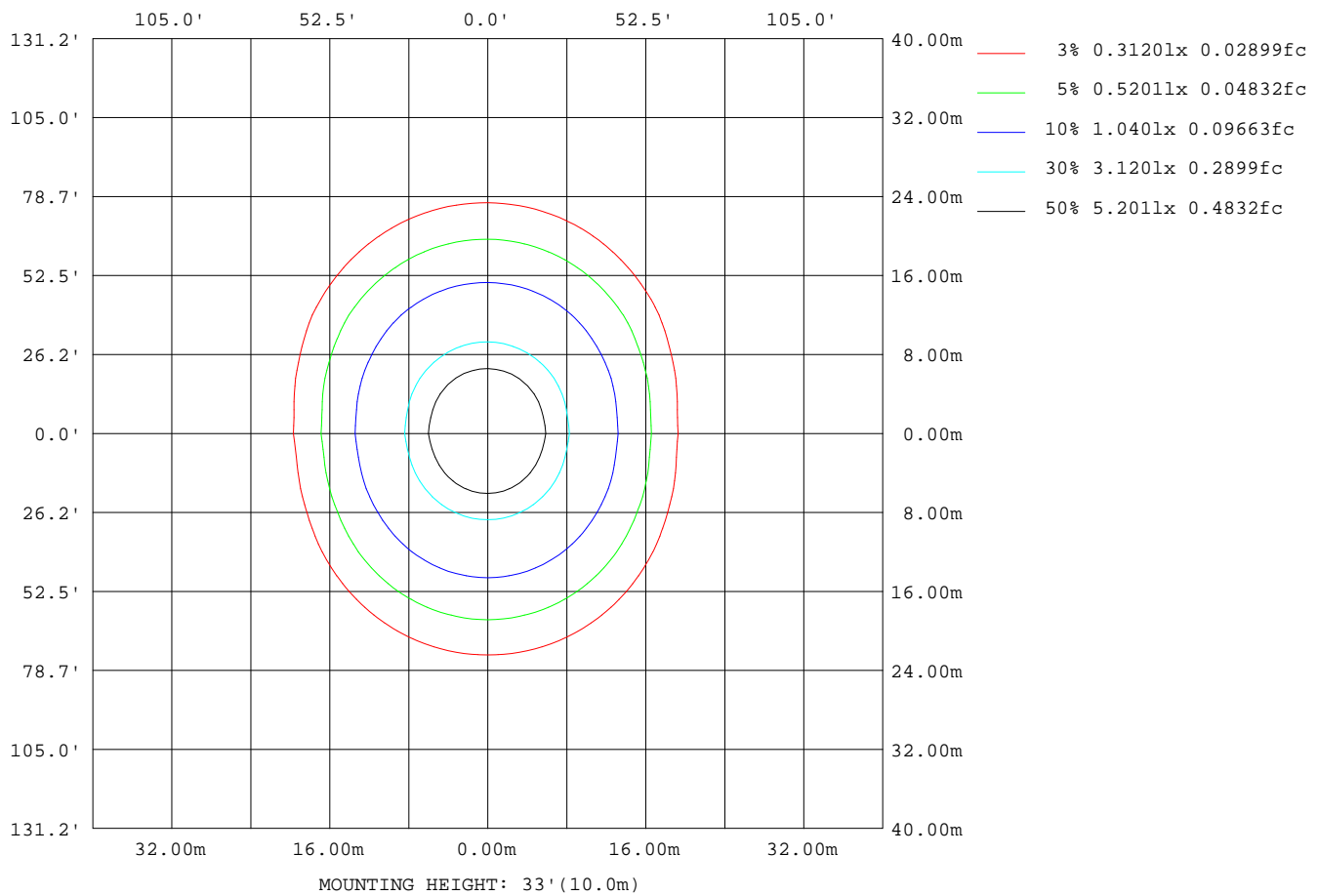
C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: DAMIN  
 Test Date: 2020-06-16

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 0.5DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.290  
 Humidity: 65.0%  
 Test Distance: 8.900m [K=1.0000]  
 Remarks:



## ISOLUX DIAGRAM

Test:U:120.4V I:0.1810A P:21.70W PF:0.9957 Lamp Flux:3189.94x1 lm		
NAME: MLSN4-22/D10/U/50	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:1182*66*14mm	PROTECTION ANGLE:



C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: DAMIN  
 Test Date: 2020-06-16

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 0.5DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.290  
 Humidity: 65.0%  
 Test Distance: 8.900m [K=1.0000]  
 Remarks:

## LED Avg.L Report

Test:U:120.4V I:0.1810A P:21.70W PF:0.9957 Lamp Flux:3189.94x1 lm		
NAME: MLSN4-22/D10/U/50	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:1182*66*14mm	PROTECTION ANGLE:

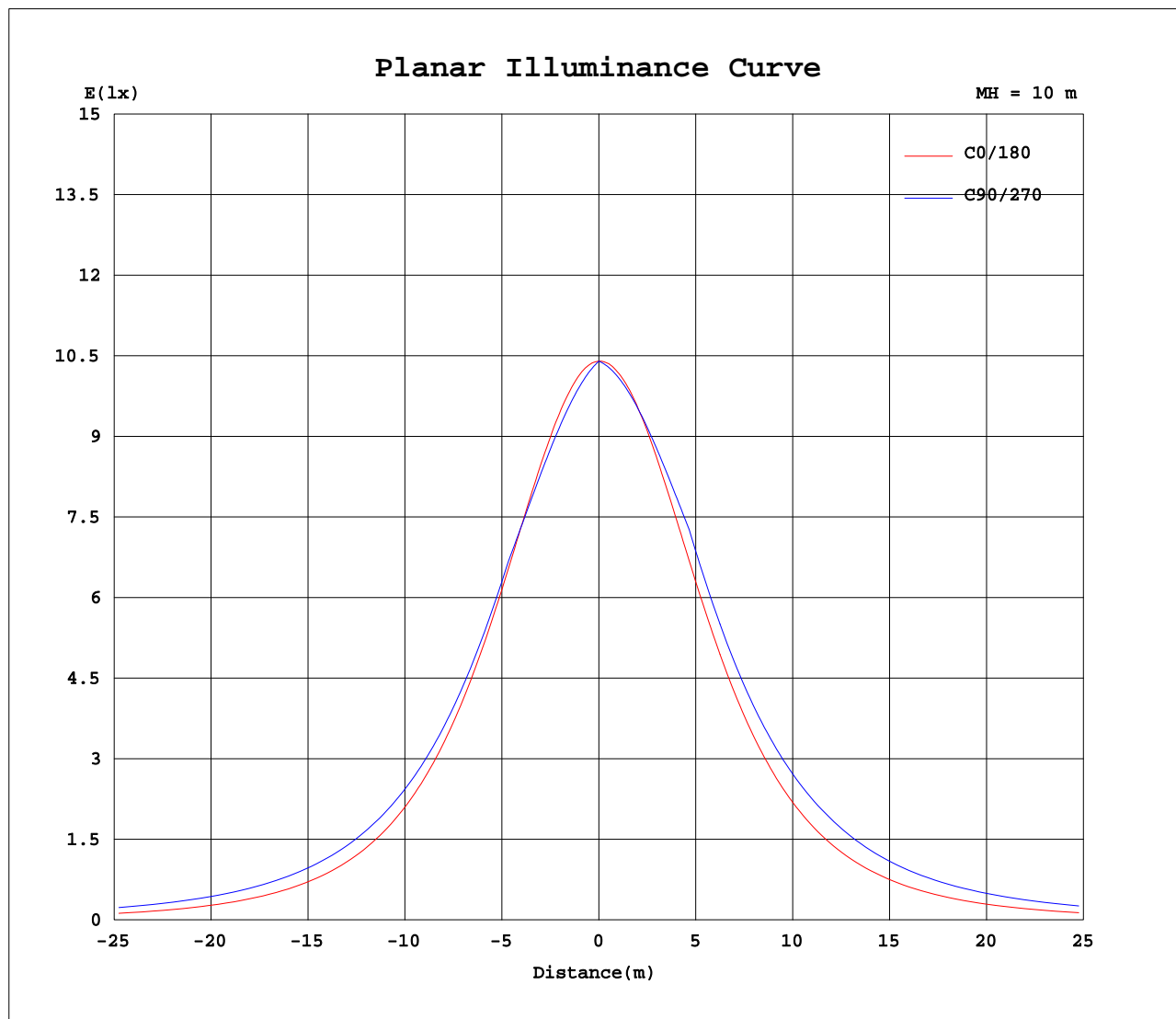
AvgL	cd/m2
L_0~180(65)av	2318
L_0~180(75)av	1904
L_0~180(85)av	1316
L_90~270(65)av	3973
L_90~270(75)av	5000
L_90~270(85)av	11148
L_45(65)av	3284
L_45(75)av	3831
L_45(85)av	7717

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2020-06-16

γ Range: 0 - 90DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.290  
 Humidity:65.0%  
 Test Distance:8.900m [K=1.0000]  
 Remarks:

## Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: DAMIN  
Test Date: 2020-06-16

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 0.5DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.290  
Humidity: 65.0%  
Test Distance: 8.900m [K=1.0000]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.4V I:0.1810A P:21.70W PF:0.9957 Lamp Flux:3189.94x1 lm		
NAME: MLSN4-22/D10/U/50	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:1182*66*14mm	PROTECTION ANGLE:

Table--1

UNIT: cd

[illegible]

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: DAMIN  
Test Date: 2020-06-16

```

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.290
Humidity:65.0%
Test Distance:8.900m [K=1.0000]
Remarks:

```

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.4V I:0.1810A P:21.70W PF:0.9957 Lamp Flux:3189.94x1 lm		
NAME: MLSN4-22/D10/U/50	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:1182*66*14mm	PROTECTION ANGLE:

Table--2

UNIT: cd

[illegible]

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: DAMIN  
Test Date: 2020-06-16

```

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.290
Humidity:65.0%
Test Distance:8.900m [K=1.0000]
Remarks:

```

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.4V I:0.1810A P:21.70W PF:0.9957 Lamp Flux:3189.94x1 lm		
NAME: MLSN4-22/D10/U/50	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:1182*66*14mm	PROTECTION ANGLE:

Table--3

UNIT: cd

[illegible]

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: DAMIN  
Test Date: 2020-06-16

```

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.290
Humidity:65.0%
Test Distance:8.900m [K=1.0000]
Remarks:

```

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.4V I:0.1810A P:21.70W PF:0.9957 Lamp Flux:3189.94x1 lm		
NAME: MLSN4-22/D10/U/50	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:1182*66*14mm	PROTECTION ANGLE:

Table--4

UNIT: cd

[illegible]

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: DAMIN  
Test Date: 2020-06-16

```

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.290
Humidity:65.0%
Test Distance:8.900m [K=1.0000]
Remarks:

```