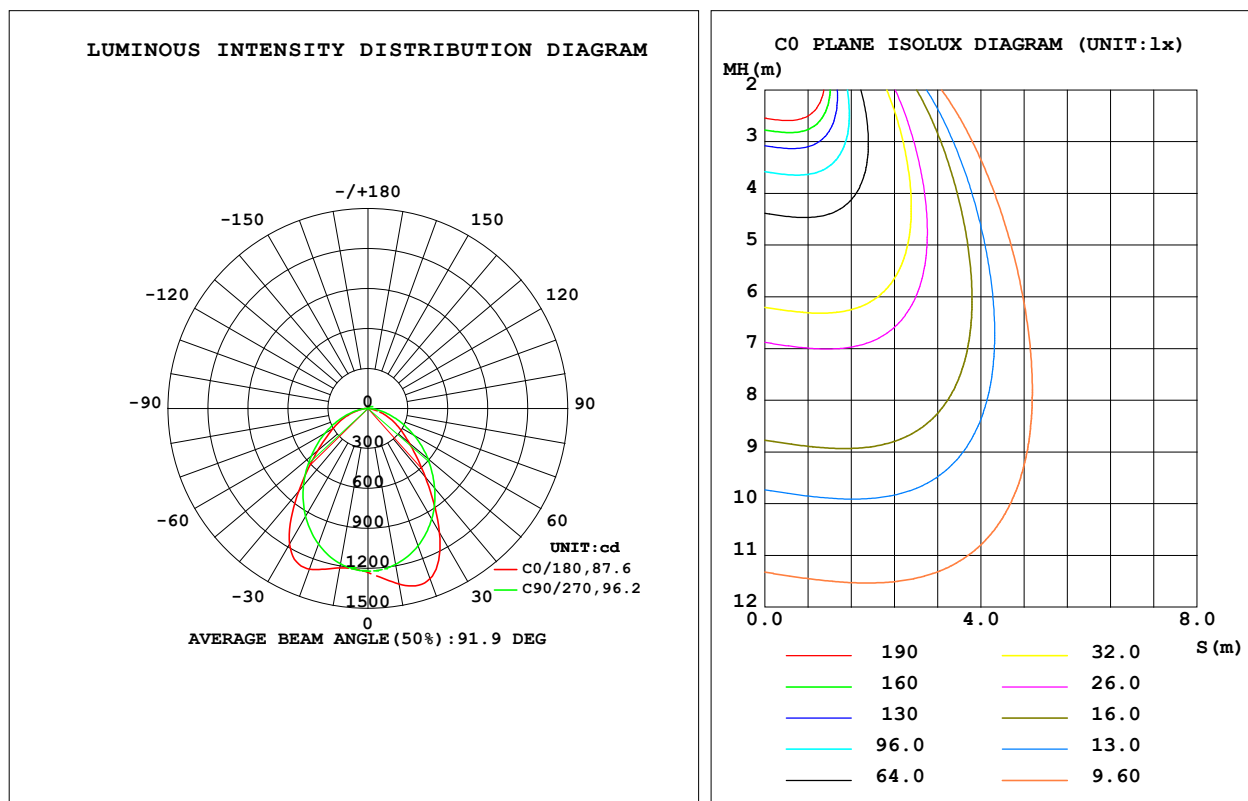


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.0V I:0.1250A P:26.90W PF:0.9770 Freq:50.00Hz Lamp Flux:3084.39x1 lm					
NAME:ML-SY-IES2002		TYPE:		WEIGHT:	
SPEC.: FLEX LV		DIM.: 1200*20*23mm		SERIAL No.:	
MFR.: Mercury Lighting		SUR.:1200*20mm		Shielding Angle:	

DATA OF LAMP		PHOTOMETRIC DATA Eff: 114.66 lm/W			
MODEL		I _{max} (cd)	1380	S/MH (C0/180)	1.18
NOMINAL POWER (W)	28	LOR (%)	100.0	S/MH (C90/270)	1.15
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	3084.4	η UP,DN (C0-180)	0.8,49.3
NOMINAL FLUX (lm)	3084.39	CIE CLASS	DIRECT	η UP,DN (C180-360)	0.7,49.3
LAMPS INSIDE	1	η up (%)	1.4	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	220	η down (%)	98.6	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:JYH
 Test Date:2022-08-03

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:10.950m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

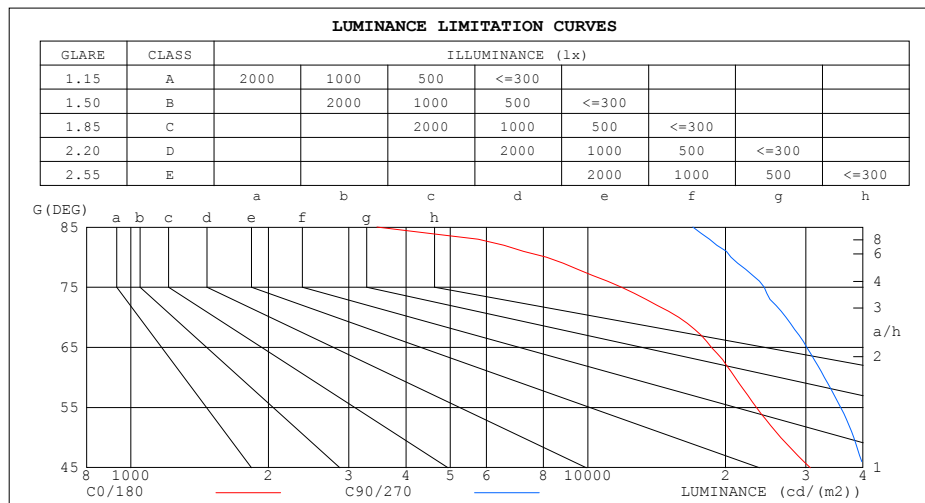
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	1336	1274	1189	1195	1214	1187	1184	1274	0~ 10	117.3	117.3	3.8,3.8
20	1361	1289	1098	1189	1282	1167	1085	1281	10~ 20	348.6	465.9	15.1,15.1
30	1073	1188	958.0	1144	1176	1110	936.3	1164	20~ 30	539.2	1005	32.6,32.6
40	670.1	944.4	779.7	966.8	808.5	939.8	754.4	904.8	30~ 40	609.7	1615	52.4,52.4
50	407.9	654.3	589.0	694.8	494.8	681.0	557.5	609.5	40~ 50	549.3	2164	70.2,70.2
60	251.9	404.7	395.4	441.4	306.4	435.7	374.9	371.1	50~ 60	424.6	2589	83.9,83.9
70	129.7	208.9	222.8	239.1	175.0	237.0	208.5	192.4	60~ 70	280.8	2870	93,93
80	33.80	66.24	85.74	87.66	63.89	86.11	77.52	59.89	70~ 80	139.2	3009	97.5,97.5
90	0.8483	4.613	7.519	4.960	3.446	3.524	4.917	2.566	80~ 90	31.57	3040	98.6,98.6
100	1.573	4.825	6.674	4.370	0.9035	3.413	5.477	3.640	90~100	3.932	3044	98.7,98.7
110	3.078	6.136	3.426	5.159	2.078	4.120	3.335	5.087	100~110	3.926	3048	98.8,98.8
120	4.776	7.959	5.442	6.326	3.310	5.527	5.237	7.077	110~120	4.778	3053	99,99
130	7.399	9.826	7.501	8.110	5.050	7.830	7.148	8.936	120~130	6.004	3059	99.2,99.2
140	11.15	10.45	9.468	10.12	7.798	9.804	8.873	10.50	130~140	6.745	3066	99.4,99.4
150	14.28	11.47	11.43	12.36	11.03	12.47	11.11	11.52	140~150	6.805	3072	99.6,99.6
160	15.67	12.87	14.31	14.62	13.64	14.87	14.05	13.03	150~160	6.008	3078	99.8,99.8
170	16.71	15.79	16.65	17.00	15.32	17.16	16.59	16.09	160~170	4.296	3083	99.9,99.9
180	16.07	18.25	18.36	18.36	16.11	18.21	18.40	18.38	170~180	1.616	3084	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:JYH
 Test Date:2022-08-03

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:10.950m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:220.0V I:0.1250A P:26.90W PF:0.9770 Freq:50.00Hz Lamp Flux:3084.39x1 lm		
NAME: ML-SY-IES2002	TYPE:	WEIGHT:
SPEC.: FLEX LV	DIM.: 1200*20*23mm	SERIAL No.:
MFR.: Mercury Lighting	SUR.:1200*20mm	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	3456	16979
80	8110	20573
75	11854	24330
70	15802	27144
65	18636	30123
60	20990	32954
55	23396	35767
50	26438	38180
45	30677	40190

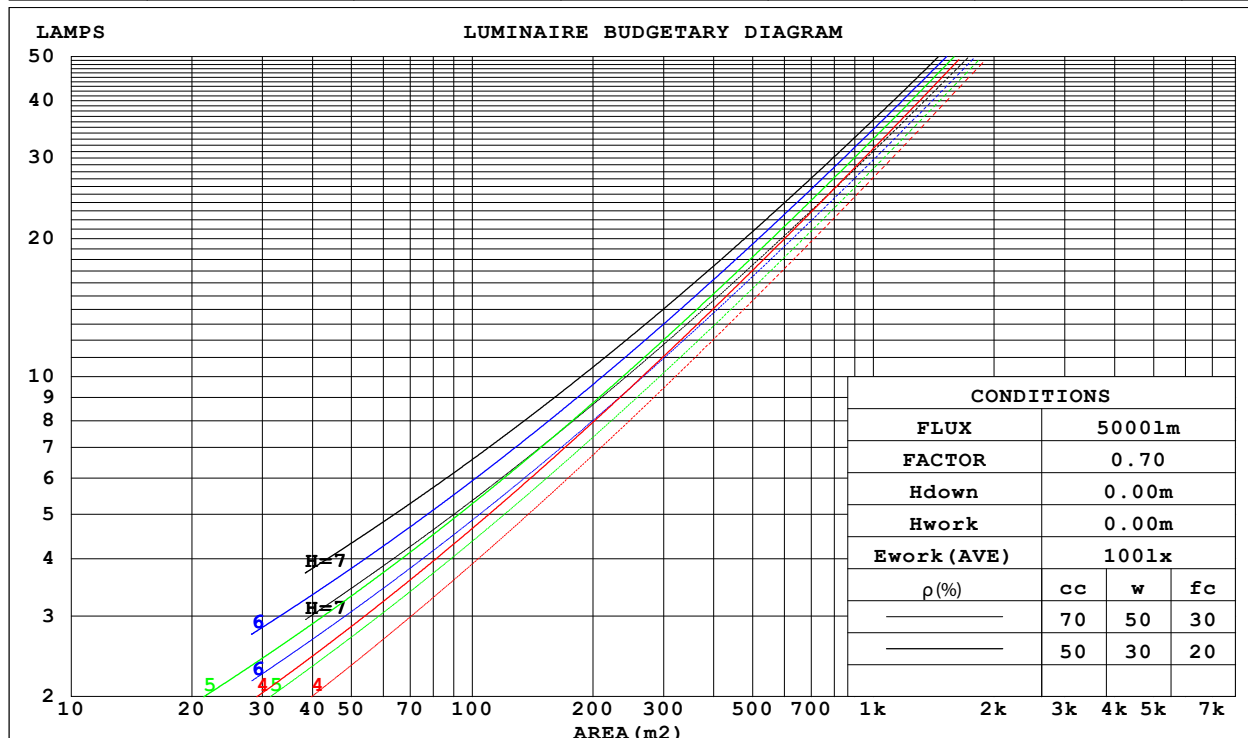
C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: JYH
 Test Date: 2022-08-03

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity: 65.0%
 Test Distance: 10.950m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.0V I:0.1250A P:26.90W PF:0.9770 Freq:50.00Hz Lamp Flux:3084.39x1 lm		
NAME: ML-SY-IES2002	TYPE:	WEIGHT:
SPEC.: FLEX LV	DIM.: 1200*20*23mm	SERIAL No.:
MFR.: Mercury Lighting	SUR.:1200*20mm	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															



C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: JYH
 Test Date: 2022-08-03

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity: 65.0%
 Test Distance: 10.950m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:220.0V I:0.1250A P:26.90W PF:0.9770 Freq:50.00Hz Lamp Flux:3084.39x1 lm		
NAME: ML-SY-IES2002	TYPE:	WEIGHT:
SPEC.: FLEX LV	DIM.: 1200*20*23mm	SERIAL No.:
MFR.: Mercury Lighting	SUR.:1200*20mm	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			Wall Exitance Coefficients (WEC)												
0.0																
1.0	.276	.157	.050	.268	.153	.049	.254	.146	.047	.242	.139	.045	.230	.133	.043	
2.0	.264	.144	.044	.257	.142	.044	.245	.136	.042	.234	.131	.041	.223	.126	.040	
3.0	.247	.131	.039	.241	.129	.039	.230	.125	.038	.220	.121	.037	.211	.117	.036	
4.0	.230	.120	.035	.225	.118	.035	.216	.114	.034	.207	.111	.033	.198	.108	.033	
5.0	.215	.109	.032	.210	.108	.031	.202	.105	.031	.194	.102	.030	.186	.100	.030	
6.0	.201	.101	.029	.197	.099	.029	.189	.097	.028	.182	.094	.028	.175	.092	.027	
7.0	.188	.093	.026	.184	.092	.026	.177	.090	.026	.171	.088	.026	.165	.086	.025	
8.0	.176	.086	.024	.173	.085	.024	.167	.083	.024	.161	.082	.024	.156	.080	.023	
9.0	.166	.080	.022	.163	.079	.022	.158	.078	.022	.152	.076	.022	.147	.075	.022	
10.0	.157	.075	.021	.154	.074	.021	.149	.073	.021	.144	.072	.020	.140	.070	.020	

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						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.201	.201	.201	.172	.172	.172	.117	.117	.117	.067	.067	.067	.022	.022	.022	
1.0	.189	.167	.148	.162	.144	.127	.111	.099	.088	.064	.057	.051	.020	.018	.017	
2.0	.180	.143	.112	.154	.123	.097	.105	.085	.068	.061	.050	.040	.019	.016	.013	
3.0	.171	.125	.089	.147	.108	.077	.101	.075	.054	.058	.044	.032	.019	.014	.010	
4.0	.163	.112	.072	.140	.097	.063	.096	.067	.044	.056	.039	.026	.018	.013	.009	
5.0	.156	.101	.061	.134	.088	.053	.092	.061	.037	.053	.036	.022	.017	.012	.007	
6.0	.149	.093	.052	.128	.080	.046	.088	.056	.032	.051	.033	.019	.017	.011	.006	
7.0	.143	.086	.046	.123	.074	.040	.085	.052	.028	.049	.031	.017	.016	.010	.006	
8.0	.136	.080	.041	.117	.069	.036	.081	.049	.025	.047	.029	.015	.015	.009	.005	
9.0	.131	.075	.037	.113	.065	.033	.078	.046	.023	.045	.027	.014	.015	.009	.005	
10.0	.125	.071	.034	.108	.061	.030	.075	.043	.021	.044	.026	.013	.014	.008	.004	

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: JYH
 Test Date: 2022-08-03

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity: 65.0%
 Test Distance: 10.950m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:220.0V I:0.1250A P:26.90W PF:0.9770 Freq:50.00Hz Lamp Flux:3084.39x1 lm											
NAME: ML-SY-IES2002						TYPE:			WEIGHT:		
SPEC.:FLEX LV						DIM.: 1200*20*23mm			SERIAL No.:		
MFR.: Mercury Lighting						SUR.:1200*20mm			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	19.9	21.3	20.2	21.5	21.8	21.2	22.6	21.4	22.8	23.0	
	20.6	21.9	21.0	22.2	22.4	22.2	23.5	22.6	23.8	24.0	
	20.8	22.1	21.2	22.3	22.6	22.7	23.9	23.0	24.1	24.4	
	20.9	22.0	21.2	22.3	22.6	22.9	24.1	23.3	24.4	24.7	
	20.9	22.0	21.2	22.3	22.6	23.0	24.1	23.4	24.4	24.7	
	20.8	21.9	21.2	22.2	22.5	23.0	24.1	23.4	24.4	24.7	
4H	20.6	21.8	20.9	22.1	22.4	21.6	22.8	21.9	23.1	23.3	
	21.5	22.6	21.9	22.9	23.2	22.8	23.9	23.2	24.2	24.5	
	21.8	22.8	22.2	23.1	23.5	23.3	24.3	23.7	24.6	25.0	
	21.9	22.8	22.3	23.1	23.5	23.7	24.6	24.1	24.9	25.3	
	21.9	22.7	22.4	23.1	23.5	23.8	24.6	24.3	25.0	25.4	
	21.9	22.6	22.3	23.0	23.5	23.9	24.6	24.3	25.0	25.5	
8H	22.0	22.8	22.5	23.2	23.6	23.4	24.2	23.9	24.6	25.0	
	22.2	22.9	22.7	23.3	23.8	23.9	24.6	24.4	25.0	25.4	
	22.3	22.9	22.8	23.3	23.8	24.1	24.6	24.6	25.1	25.6	
	22.3	22.8	22.8	23.2	23.8	24.2	24.7	24.7	25.2	25.7	
12H	22.0	22.8	22.5	23.2	23.6	23.4	24.1	23.9	24.5	25.0	
	22.3	22.9	22.8	23.3	23.8	23.9	24.5	24.4	24.9	25.4	
	22.3	22.8	22.8	23.3	23.8	24.1	24.6	24.6	25.0	25.6	
Variations with the observer position at spacings:											
S = 1.0H	+ 0.5 / - 0.6					+ 0.3 / - 0.3					
1.5H	+ 0.4 / - 0.8					+ 0.2 / - 0.5					
2.0H	+ 0.5 / - 1.3					+ 0.4 / - 0.4					

CIE Pub.117, 3084 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 3.9)

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JYH
Test Date:2022-08-03

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:10.950m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:220.0V I:0.1250A P:26.90W PF:0.9770 Freq:50.00Hz Lamp Flux:3084.39x1 lm		
NAME: ML-SY-IES2002	TYPE:	WEIGHT:
SPEC.: FLEX LV	DIM.: 1200*20*23mm	SERIAL No.:
MFR.: Mercury Lighting	SUR.:1200*20mm	Shielding Angle:

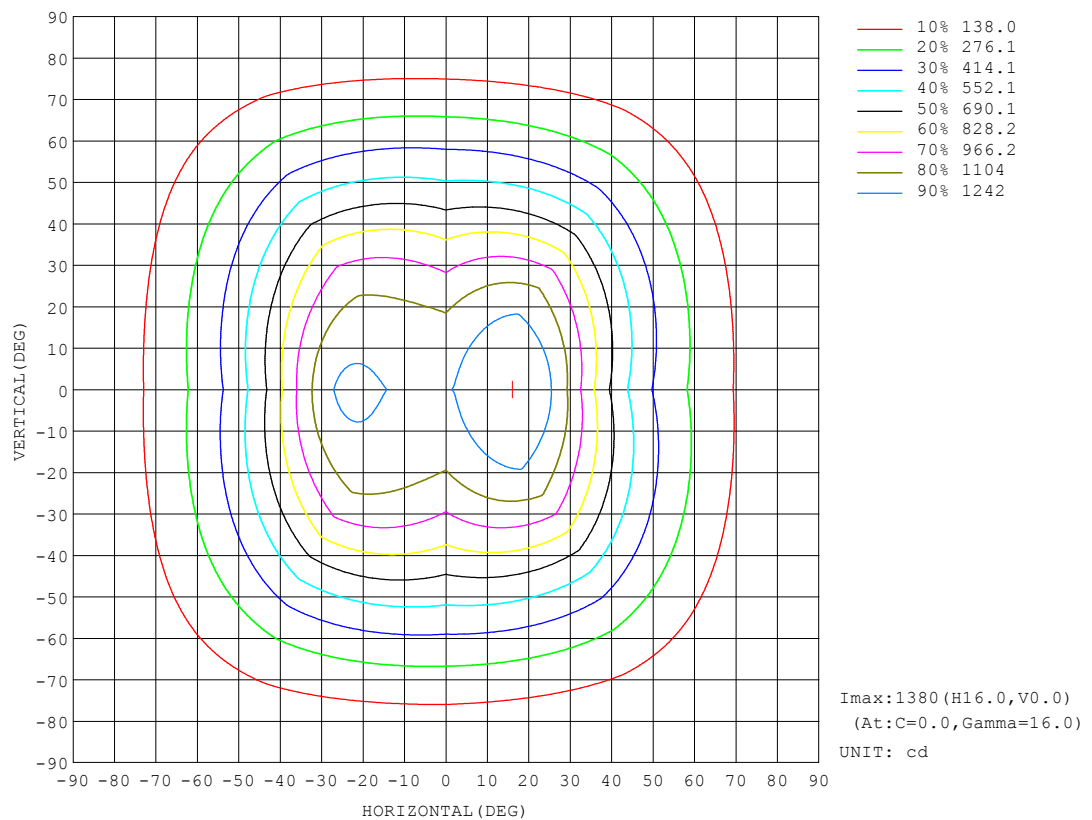
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	62	51	45	61	51	45	60	50	44	38
0.80	72	61	55	71	61	54	69	60	54	47
1.00	80	70	63	79	69	63	77	70	62	56
1.25	87	77	71	85	77	70	83	75	70	63
1.50	91	83	76	90	82	76	87	80	75	67
2.00	98	90	84	96	89	83	92	86	82	74
2.50	101	94	89	99	93	88	95	90	86	78
3.00	104	98	93	102	96	92	98	93	89	81
4.00	108	103	98	105	101	97	101	97	94	85
5.00	110	105	102	107	103	100	103	100	97	88
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:JYH
 Test Date:2022-08-03

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:10.950m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:220.0V I:0.1250A P:26.90W PF:0.9770 Freq:50.00Hz Lamp Flux:3084.39x1 lm		
NAME: ML-SY-IES2002	TYPE:	WEIGHT:
SPEC.: FLEX LV	DIM.: 1200*20*23mm	SERIAL No.:
MFR.: Mercury Lighting	SUR.:1200*20mm	Shielding Angle:



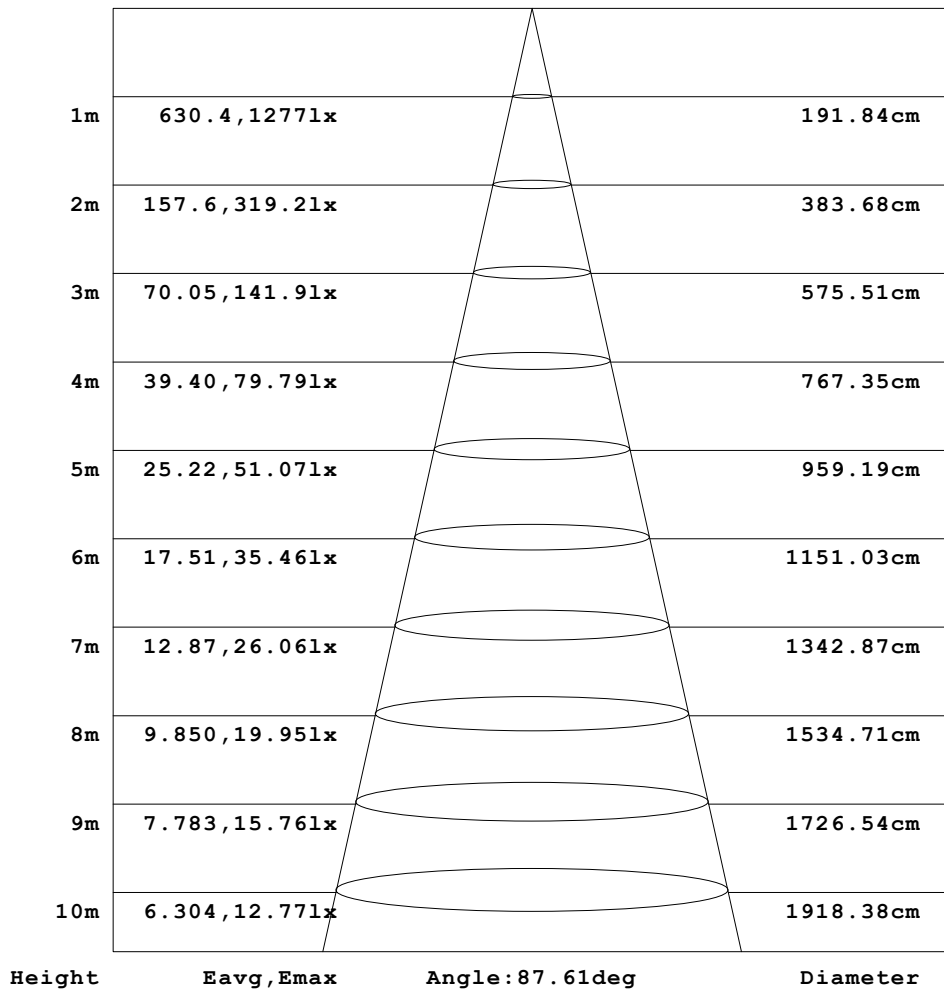
C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:JYH
 Test Date:2022-08-03

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:10.950m [K=1.0000]
 Remarks:

AAI Figure

Test:U:220.0V I:0.1250A P:26.90W PF:0.9770 Freq:50.00Hz Lamp Flux:3084.39x1 lm		
NAME: ML-SY-IES2002	TYPE:	WEIGHT:
SPEC.: FLEX LV	DIM.: 1200*20*23mm	SERIAL No.:
MFR.: Mercury Lighting	SUR.:1200*20mm	Shielding Angle:

Flux out:1847 lm



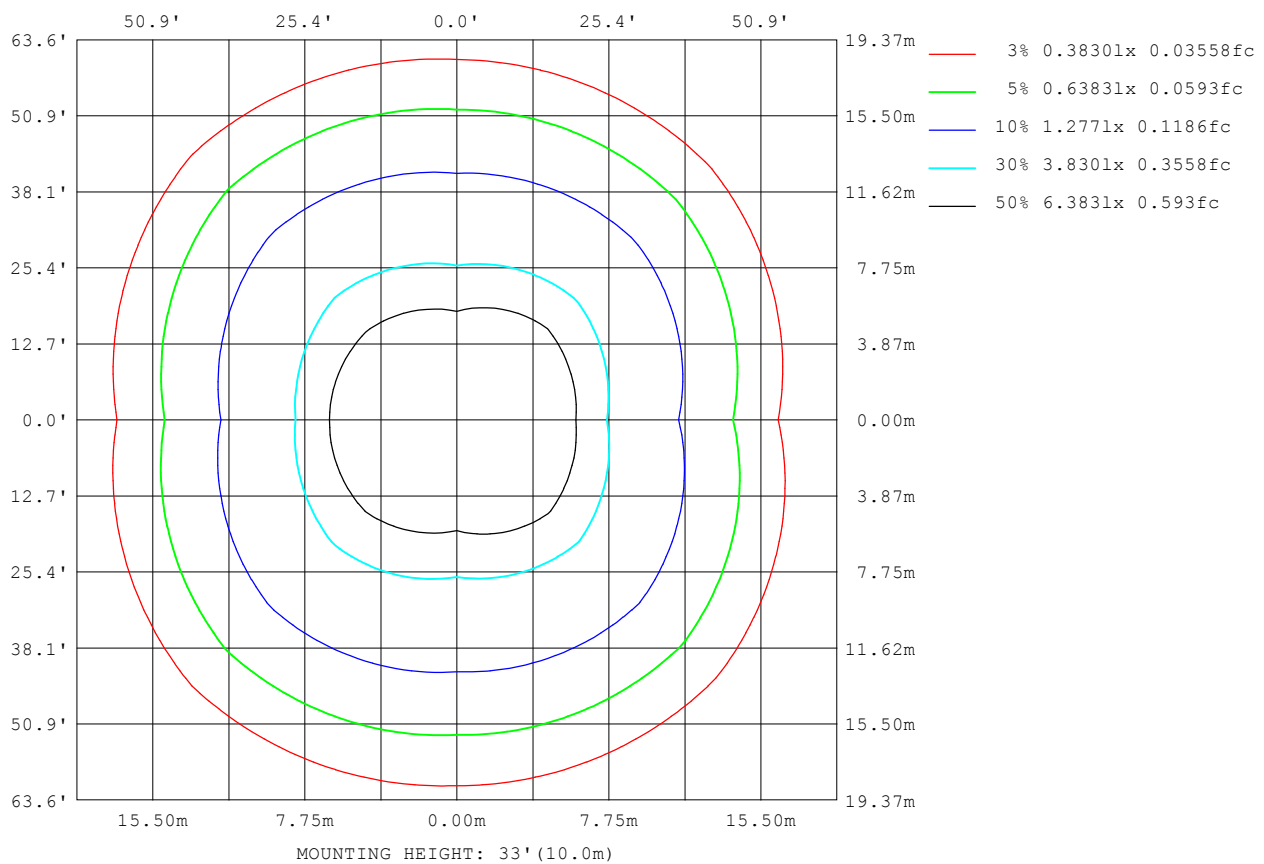
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: JYH
 Test Date: 2022-08-03

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity: 65.0%
 Test Distance: 10.950m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:220.0V I:0.1250A P:26.90W PF:0.9770 Freq:50.00Hz Lamp Flux:3084.39x1 lm		
NAME: ML-SY-IES2002	TYPE:	WEIGHT:
SPEC.: FLEX LV	DIM.: 1200*20*23mm	SERIAL No.:
MFR.: Mercury Lighting	SUR.:1200*20mm	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: JYH
Test Date: 2022-08-03

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity: 65.0%
Test Distance: 10.950m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:220.0V I:0.1250A P:26.90W PF:0.9770 Freq:50.00Hz Lamp Flux:3084.39x1 lm		
NAME: ML-SY-IES2002	TYPE:	WEIGHT:
SPEC.: FLEX LV	DIM.: 1200*20*23mm	SERIAL No.:
MFR.: Mercury Lighting	SUR.:1200*20mm	Shielding Angle:

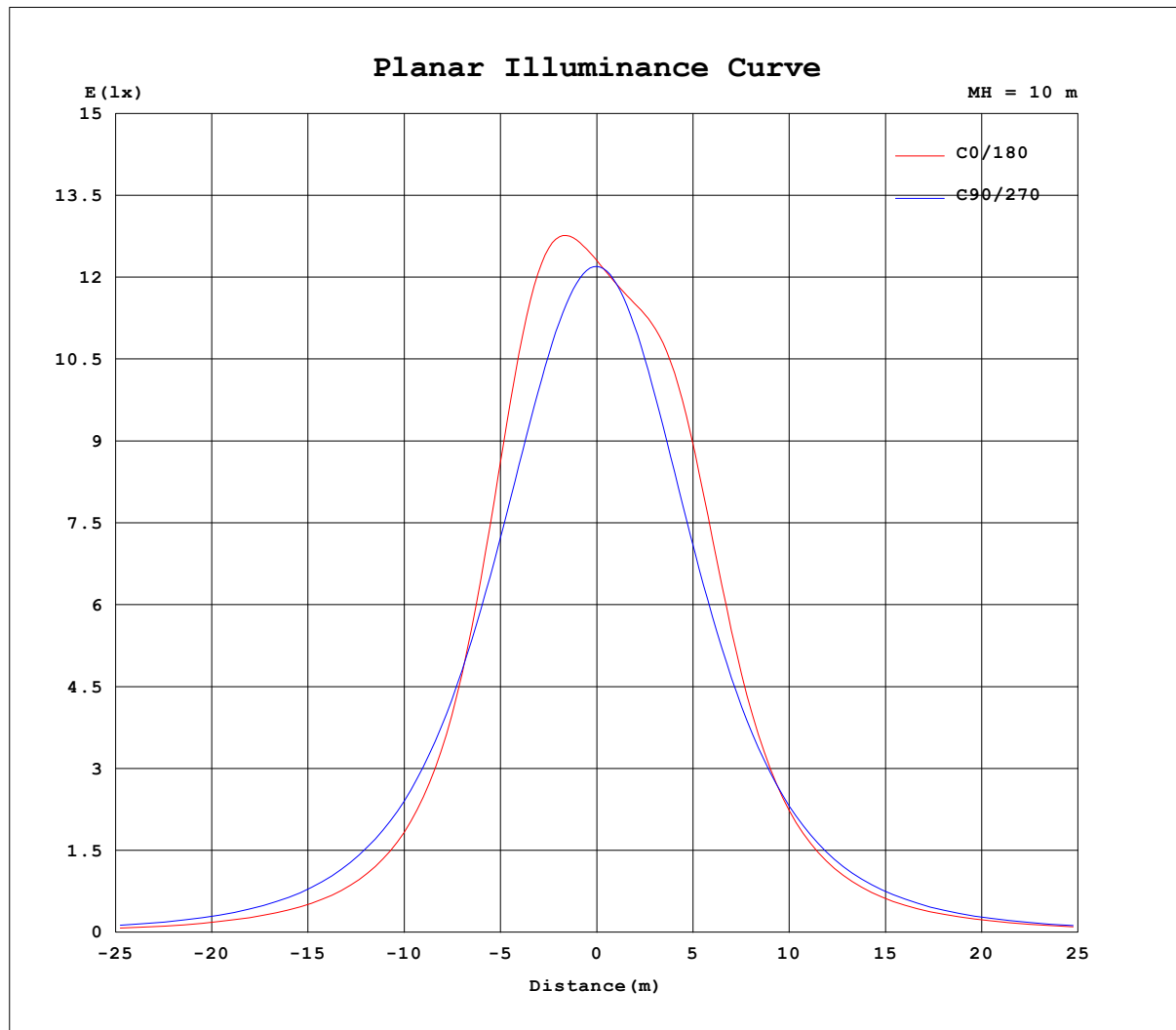
AvgL	cd/m2
L_0~180 (65) av	21100
L_0~180 (75) av	15130
L_0~180 (85) av	8194
L_90~270 (65) av	29296
L_90~270 (75) av	23160
L_90~270 (85) av	15480
L_45 (65) av	30467
L_45 (75) av	22762
L_45 (85) av	11517

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JYH
Test Date:2022-08-03

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:10.950m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: JYH
Test Date: 2022-08-03

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity: 65.0%
Test Distance: 10.950m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.0V I:0.1250A P:26.90W PF:0.9770 Freq:50.00Hz Lamp Flux:3084.39x1 lm		
NAME: ML-SY-IES2002	TYPE:	WEIGHT:
SPEC.: FLEX LV	DIM.: 1200*20*23mm	SERIAL No.:
MFR.: Mercury Lighting	SUR.:1200*20mm	Shielding Angle:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	45	90	135	180	225	270	315									
0	1231	1225	1220	1226	1231	1225	1220	1226									
5	1278	1250	1213	1207	1208	1203	1211	1251									
10	1336	1274	1189	1195	1214	1187	1184	1274									
15	1377	1291	1150	1190	1248	1176	1142	1288									
20	1361	1289	1098	1189	1282	1167	1085	1281									
25	1256	1257	1034	1179	1271	1149	1016	1243									
30	1073	1188	958	1144	1176	1110	936	1164									
35	861	1080	873	1074	1005	1041	848	1048									
40	670	944	780	967	808	940	754	905									
45	521	796	682	835	633	815	656	754									
50	408	654	589	695	495	681	557	609									
55	322	522	492	561	389	551	465	482									
60	252	405	395	441	306	436	375	371									
65	189	298	306	332	239	330	289	275									
70	130	209	223	239	175	237	208	192									
75	73.6	132	151	158	114	155	137	121									
80	33.8	66.2	85.7	87.7	63.9	86.1	77.5	59.9									
85	7.23	18.9	35.5	30.6	27.0	30.2	29.2	16.6									
90	0.85	4.61	7.52	4.96	3.45	3.52	4.92	2.57									
95	1.05	4.43	7.03	4.10	0.50	2.88	5.07	2.96									
100	1.57	4.82	6.67	4.37	0.90	3.41	5.48	3.64									
105	2.30	5.38	2.65	4.74	1.45	4.01	2.41	4.34									
110	3.08	6.14	3.43	5.16	2.08	4.12	3.33	5.09									
115	3.88	7.02	4.44	5.63	2.69	4.33	4.30	6.02									
120	4.78	7.96	5.44	6.33	3.31	5.53	5.24	7.08									
125	5.94	8.93	6.45	7.15	4.05	6.83	6.19	8.06									
130	7.40	9.83	7.50	8.11	5.05	7.83	7.15	8.94									
135	9.17	10.3	8.53	9.08	6.30	8.67	8.06	9.74									
140	11.1	10.5	9.47	10.1	7.80	9.80	8.87	10.5									
145	13.0	10.9	10.3	11.2	9.47	11.2	9.87	11.1									
150	14.3	11.5	11.4	12.4	11.0	12.5	11.1	11.5									
155	15.1	12.0	12.9	13.5	12.5	13.7	12.6	12.1									
160	15.7	12.9	14.3	14.6	13.6	14.9	14.1	13.0									
165	16.2	14.2	15.6	15.8	14.5	16.0	15.4	14.5									
170	16.7	15.8	16.7	17.0	15.3	17.2	16.6	16.1									
175	15.7	17.0	17.6	18.1	15.9	18.1	17.7	17.3									
180	16.1	18.2	18.4	18.4	16.1	18.2	18.4	18.4									

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JYH
Test Date:2022-08-03

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:10.950m [K=1.0000]
Remarks: