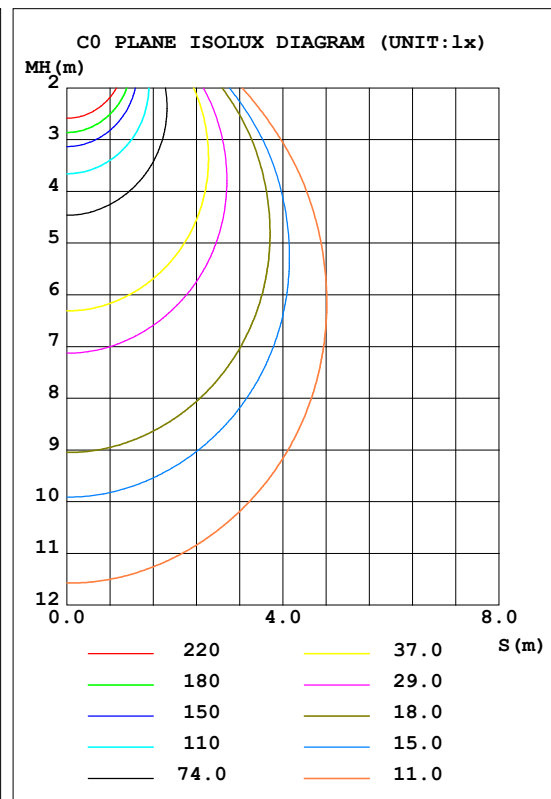
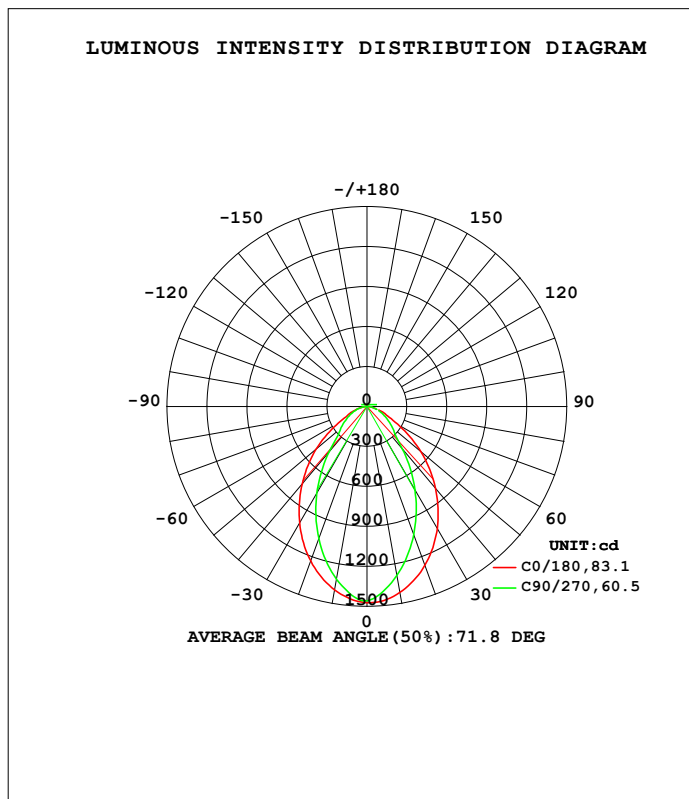


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.0V I:0.1640A P:34.80W PF:0.9670 Freq:50.00Hz Lamp Flux:2244.44x1 lm		
NAME: ML-BL	TYPE:	WEIGHT:
SPEC.:ML-BL	DIM.: 1200*52*45mm	SERIAL No.:
MFR.: Mercury Lighting	SUR.:1200*52mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 64.50 lm/W
MODEL	ML-BL	I _{max} (cd)	1473	S/MH (C0/180)		1.09
NOMINAL POWER (W)	34	LOR (%)	100.0	S/MH (C90/270)		0.88
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	2244.4	η UP, DN (C0-180)		0.6,49.1
NOMINAL FLUX (lm)	2244.44	CIE CLASS	DIRECT	η UP, DN (C180-360)		0.5,49.8
LAMPS INSIDE	1	η up (%)	1.1	CIBSE SHR NOM		1.00
TEST VOLTAGE (V)	220	η down (%)	98.9	CIBSE SHR MAX		1.05



C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: JYH
 Test Date: 2022-07-07

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

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

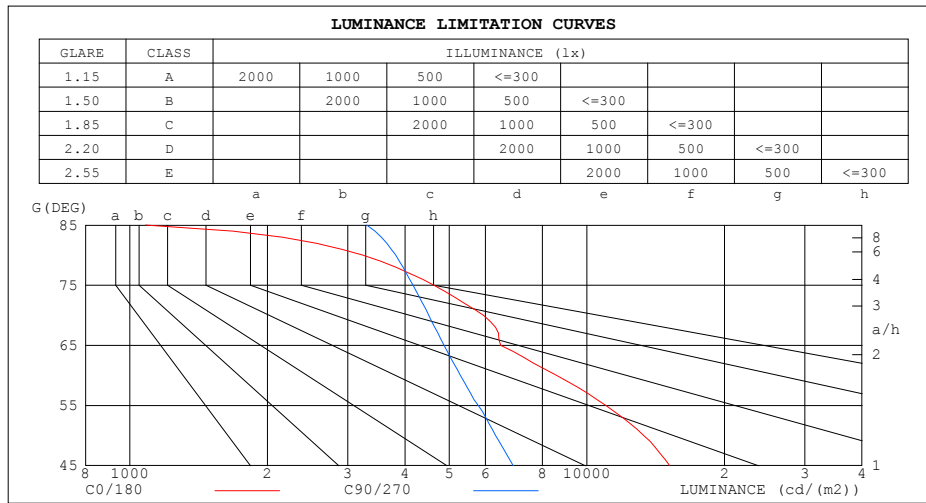
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	1418	1351	1289	1307	1397	1334	1316	1372	0- 10	133.7	133.7	5.96,5.96
20	1270	1129	1025	1062	1234	1097	1057	1154	10- 20	349.2	483.0	21.5,21.5
30	1056	861.5	721.1	785.2	1012	820.5	754.0	884.5	20- 30	457.9	940.9	41.9,41.9
40	799.7	585.2	413.7	513.8	756.5	546.9	443.6	604.8	30- 40	449.9	1391	62,62
50	531.6	334.7	251.8	283.2	499.2	310.4	257.1	350.6	40- 50	353.8	1745	77.7,77.7
60	266.6	194.1	164.0	168.8	250.1	176.1	169.7	200.3	50- 60	239.7	1984	88.4,88.4
70	125.9	106.9	95.71	88.57	122.4	92.99	99.41	111.9	60- 70	145.8	2130	94.9,94.9
80	34.85	41.33	41.14	28.47	35.58	31.01	43.29	45.38	70- 80	73.39	2203	98.2,98.2
90	0.5914	0.9346	0.8937	0.6212	0.4009	0.3215	0.2276	0.9777	80- 90	15.66	2219	98.9,98.9
100	0.9203	0.8159	0.9346	0.9431	0.9176	0.6544	0.6748	0.5799	90-100	0.6574	2220	98.9,98.9
110	1.890	1.445	1.581	1.532	1.957	1.242	1.491	1.128	100-110	1.214	2221	99,99
120	3.388	2.373	2.563	2.293	3.690	1.963	2.387	1.950	110-120	1.991	2223	99,99
130	5.361	3.693	3.625	3.686	5.321	3.302	3.403	3.212	120-130	2.914	2226	99.2,99.2
140	7.697	5.445	5.452	5.773	7.953	5.521	5.023	5.082	130-140	3.788	2230	99.3,99.3
150	10.32	7.436	8.512	8.760	9.709	8.524	7.926	7.280	140-150	4.532	2234	99.5,99.5
160	13.20	10.29	12.69	12.88	11.92	12.46	11.82	10.12	150-160	4.667	2239	99.8,99.8
170	16.50	15.10	16.44	17.99	14.57	17.06	15.79	14.91	160-170	3.886	2243	99.9,99.9
180	17.02	19.64	19.03	19.85	16.96	19.60	19.13	19.85	170-180	1.645	2244	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:2022-07-07

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: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:0.1640A P:34.80W PF:0.9670 Freq:50.00Hz Lamp Flux:2244.44x1 lm		
NAME: ML-BL	TYPE:	WEIGHT:
SPEC.:ML-BL	DIM.: 1200*52*45mm	SERIAL No.:
MFR.: Mercury Lighting	SUR.:1200*52mm	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	1082	3297
80	3237	3821
75	4631	4171
70	5939	4514
65	6487	4874
60	8599	5290
55	11016	5787
50	13340	6318
45	15197	6898

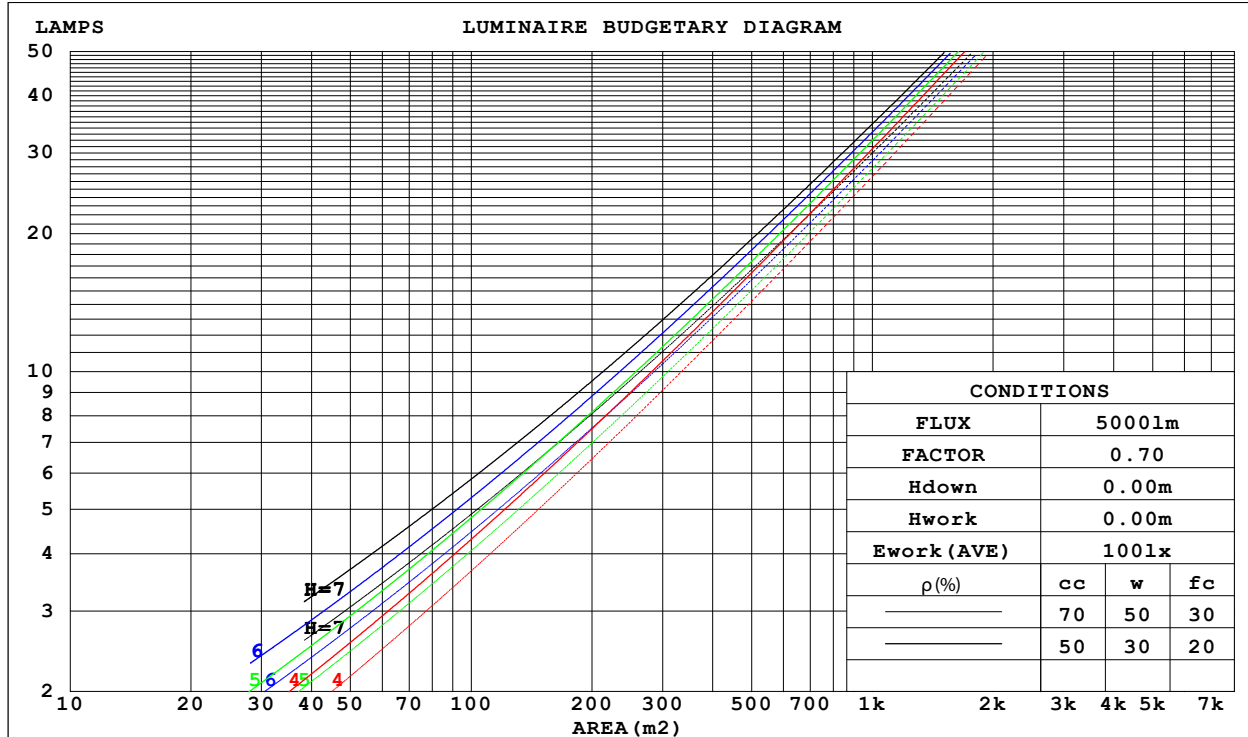
C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:JYH
 Test Date:2022-07-07

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: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:0.1640A P:34.80W PF:0.9670 Freq:50.00Hz Lamp Flux:2244.44x1 lm		
NAME: ML-BL	TYPE:	WEIGHT:
SPEC.:ML-BL	DIM.: 1200*52*45mm	SERIAL No.:
MFR.: Mercury Lighting	SUR.:1200*52mm	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	1.10	1.10	1.10	1.06	1.06	1.06	1.01	1.01	1.01	.99
1.0	1.07	1.03	1.00	1.04	1.01	.98	1.00	.98	.95	.96	.94	.92	.92	.91	.89	.87
2.0	.96	.90	.85	.94	.89	.84	.90	.86	.82	.87	.83	.80	.84	.81	.78	.76
3.0	.86	.79	.74	.85	.78	.73	.82	.76	.72	.79	.74	.70	.76	.72	.69	.67
4.0	.78	.71	.65	.77	.70	.64	.74	.68	.63	.72	.67	.63	.70	.65	.62	.60
5.0	.71	.63	.58	.70	.63	.57	.68	.61	.57	.66	.60	.56	.64	.59	.55	.53
6.0	.65	.57	.52	.64	.57	.51	.62	.56	.51	.61	.55	.50	.59	.54	.50	.48
7.0	.60	.52	.47	.59	.52	.47	.57	.51	.46	.56	.50	.46	.55	.49	.45	.44
8.0	.55	.48	.43	.55	.47	.42	.53	.47	.42	.52	.46	.42	.51	.46	.42	.40
9.0	.51	.44	.39	.51	.44	.39	.50	.43	.39	.48	.43	.38	.47	.42	.38	.37
10.0	.48	.41	.36	.47	.40	.36	.46	.40	.36	.45	.40	.36	.44	.39	.35	.34



C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:JYH
 Test Date:2022-07-07

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: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:0.1640A P:34.80W PF:0.9670 Freq:50.00Hz Lamp Flux:2244.44x1 lm		
NAME: ML-BL	TYPE:	WEIGHT:
SPEC.:ML-BL	DIM.: 1200*52*45mm	SERIAL No.:
MFR.: Mercury Lighting	SUR.:1200*52mm	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	.249	.142	.045	.242	.138	.044	.228	.131	.042	.216	.124	.040	.204	.118	.038	
2.0	.239	.131	.040	.232	.128	.039	.220	.123	.038	.210	.118	.037	.199	.113	.036	
3.0	.224	.119	.036	.219	.117	.035	.209	.113	.034	.199	.109	.033	.190	.105	.033	
4.0	.210	.109	.032	.206	.108	.032	.196	.104	.031	.188	.101	.030	.180	.098	.030	
5.0	.197	.100	.029	.193	.099	.029	.185	.096	.028	.177	.094	.028	.170	.091	.027	
6.0	.185	.093	.027	.181	.092	.026	.174	.089	.026	.167	.087	.026	.161	.085	.025	
7.0	.174	.086	.024	.171	.085	.024	.164	.083	.024	.158	.081	.024	.153	.079	.023	
8.0	.164	.080	.023	.161	.079	.022	.155	.078	.022	.150	.076	.022	.145	.074	.022	
9.0	.155	.075	.021	.152	.074	.021	.147	.073	.021	.142	.071	.020	.138	.070	.020	
10.0	.147	.070	.020	.144	.070	.019	.140	.068	.019	.135	.067	.019	.131	.066	.019	

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	.199	.199	.199	.170	.170	.170	.116	.116	.116	.067	.067	.067	.021	.021	.021	
1.0	.185	.165	.148	.158	.142	.127	.108	.098	.088	.062	.056	.051	.020	.018	.017	
2.0	.174	.141	.113	.149	.121	.098	.102	.084	.068	.059	.049	.040	.019	.016	.013	
3.0	.164	.123	.089	.141	.106	.078	.097	.074	.054	.056	.043	.032	.018	.014	.011	
4.0	.156	.109	.073	.134	.094	.063	.092	.066	.045	.053	.038	.026	.017	.013	.009	
5.0	.148	.098	.061	.127	.085	.053	.088	.059	.037	.051	.035	.022	.016	.011	.007	
6.0	.141	.089	.052	.122	.077	.045	.084	.054	.032	.049	.032	.019	.016	.010	.006	
7.0	.135	.082	.045	.116	.071	.040	.080	.050	.028	.047	.029	.017	.015	.010	.006	
8.0	.129	.076	.040	.111	.066	.035	.077	.047	.025	.045	.027	.015	.014	.009	.005	
9.0	.123	.071	.036	.106	.062	.032	.074	.044	.023	.043	.026	.013	.014	.008	.004	
10.0	.118	.067	.033	.102	.058	.029	.071	.041	.021	.041	.024	.012	.013	.008	.004	

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:JYH
 Test Date:2022-07-07

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: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:0.1640A P:34.80W PF:0.9670 Freq:50.00Hz Lamp Flux:2244.44x1 lm										
NAME: ML-BL					TYPE:			WEIGHT:		
SPEC.:ML-BL					DIM.: 1200*52*45mm			SERIAL No.:		
MFR.: Mercury Lighting					SUR.:1200*52mm			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	17.4	18.7	17.7	18.9	19.1	15.0	16.3	15.3	16.5	16.7
3H	18.1	19.3	18.4	19.5	19.8	15.9	17.1	16.2	17.4	17.6
4H	18.3	19.5	18.7	19.7	20.0	16.3	17.4	16.6	17.7	18.0
6H	18.4	19.5	18.8	19.8	20.1	16.6	17.7	17.0	17.9	18.2
8H	18.4	19.5	18.8	19.7	20.0	16.7	17.7	17.1	18.0	18.3
12H	18.4	19.4	18.8	19.7	20.0	16.8	17.7	17.1	18.0	18.4
4H 2H	17.5	18.6	17.8	18.9	19.2	15.5	16.6	15.8	16.9	17.2
3H	18.4	19.4	18.8	19.7	20.0	16.6	17.6	17.0	17.9	18.2
4H	18.8	19.6	19.1	20.0	20.3	17.1	18.0	17.5	18.4	18.7
6H	18.9	19.7	19.4	20.1	20.5	17.5	18.3	18.0	18.7	19.1
8H	19.0	19.7	19.4	20.1	20.5	17.7	18.4	18.1	18.8	19.2
12H	19.0	19.6	19.4	20.0	20.4	17.8	18.4	18.2	18.8	19.3
8H 4H	18.8	19.5	19.2	19.9	20.3	17.3	18.1	17.8	18.4	18.8
6H	19.1	19.7	19.6	20.1	20.6	17.9	18.5	18.3	18.9	19.3
8H	19.2	19.7	19.6	20.1	20.6	18.1	18.6	18.5	19.0	19.5
12H	19.2	19.6	19.7	20.1	20.6	18.2	18.7	18.7	19.1	19.6
12H 4H	18.8	19.5	19.2	19.9	20.3	17.3	18.0	17.8	18.4	18.8
6H	19.1	19.6	19.6	20.1	20.5	17.9	18.4	18.4	18.9	19.3
8H	19.2	19.6	19.7	20.1	20.6	18.1	18.6	18.6	19.0	19.5
Variations with the observer position at spacings:										
S = 1.0H	+ 0.3 / - 0.4					+ 0.5 / - 0.5				
1.5H	+ 0.6 / - 0.8					+ 0.3 / - 0.5				
2.0H	+ 1.6 / - 1.4					+ 0.4 / - 0.6				

CIE Pub.117, 2244 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 2.8)

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:JYH
 Test Date:2022-07-07

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: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:0.1640A P:34.80W PF:0.9670 Freq:50.00Hz Lamp Flux:2244.44x1 lm		
NAME: ML-BL	TYPE:	WEIGHT:
SPEC.:ML-BL	DIM.: 1200*52*45mm	SERIAL No.:
MFR.: Mercury Lighting	SUR.:1200*52mm	Shielding Angle:

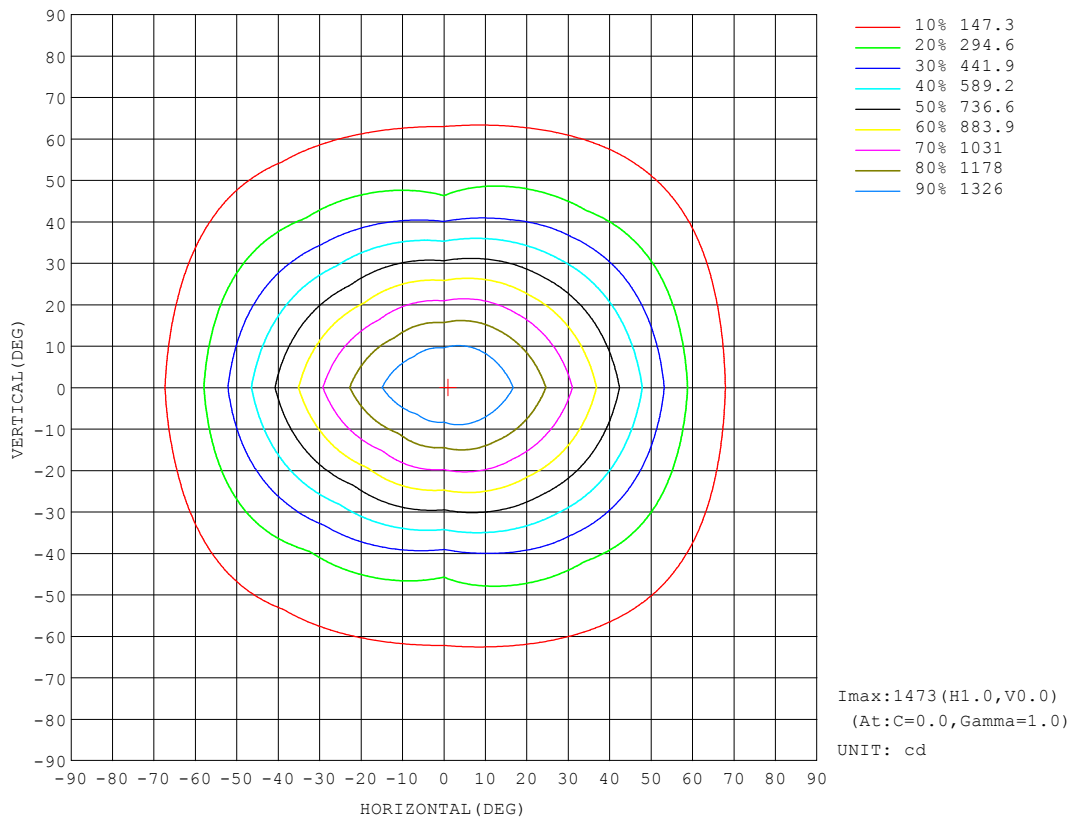
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) k(RI) x RCR = 5									
k = 0.60	68	58	52	67	58	52	66	57	52	46
0.80	77	68	62	76	67	62	75	67	61	55
1.00	85	76	70	84	75	70	81	76	69	63
1.25	91	82	77	89	82	76	87	80	75	69
1.50	95	87	82	93	86	81	91	85	80	74
2.00	100	94	89	99	92	88	95	90	86	79
2.50	103	97	93	101	96	92	98	93	90	82
3.00	106	101	96	104	99	95	100	96	93	85
4.00	109	105	101	107	103	100	103	99	97	88
5.00	111	107	104	109	105	102	104	101	99	90
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:2022-07-07

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: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:0.1640A P:34.80W PF:0.9670 Freq:50.00Hz Lamp Flux:2244.44x1 lm		
NAME: ML-BL	TYPE:	WEIGHT:
SPEC.:ML-BL	DIM.: 1200*52*45mm	SERIAL No.:
MFR.: Mercury Lighting	SUR.:1200*52mm	Shielding Angle:



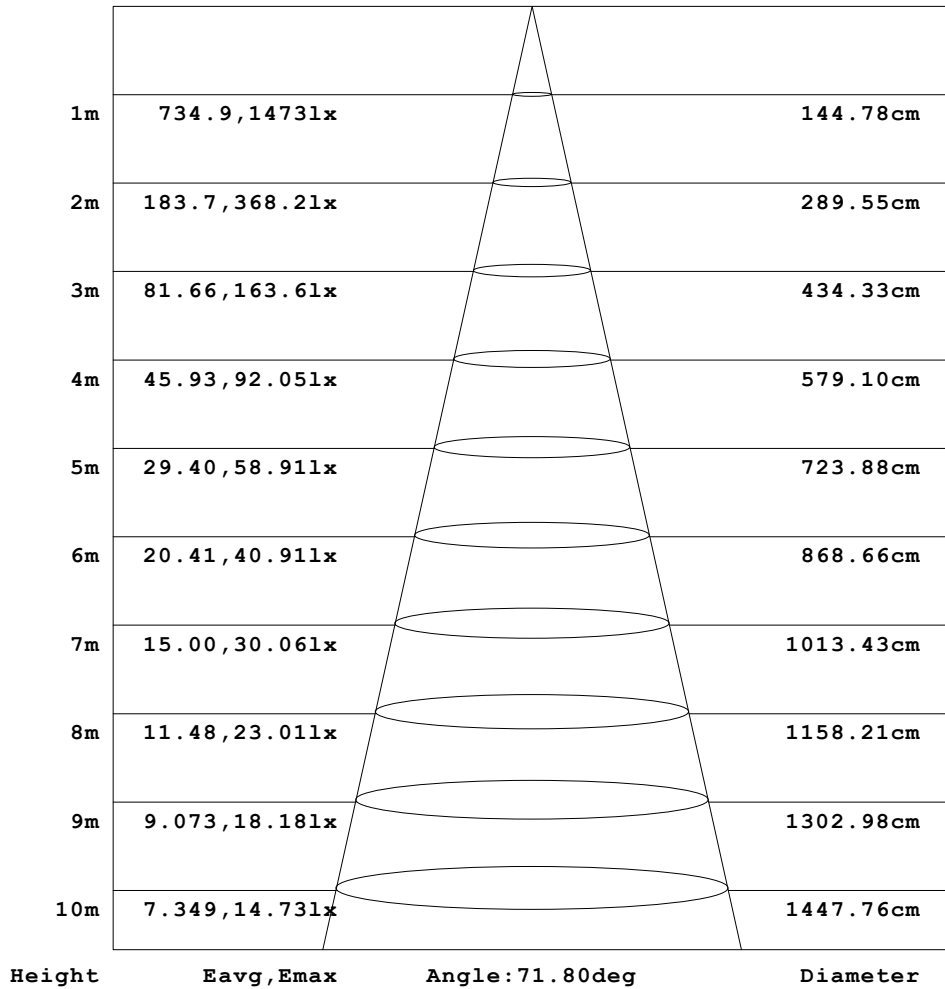
C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:JYH
 Test Date:2022-07-07

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: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:0.1640A P:34.80W PF:0.9670 Freq:50.00Hz Lamp Flux:2244.44x1 lm		
NAME: ML-BL	TYPE:	WEIGHT:
SPEC.: ML-BL	DIM.: 1200*52*45mm	SERIAL No.:
MFR.: Mercury Lighting	SUR.:1200*52mm	Shielding Angle:

Flux out:1219 lm



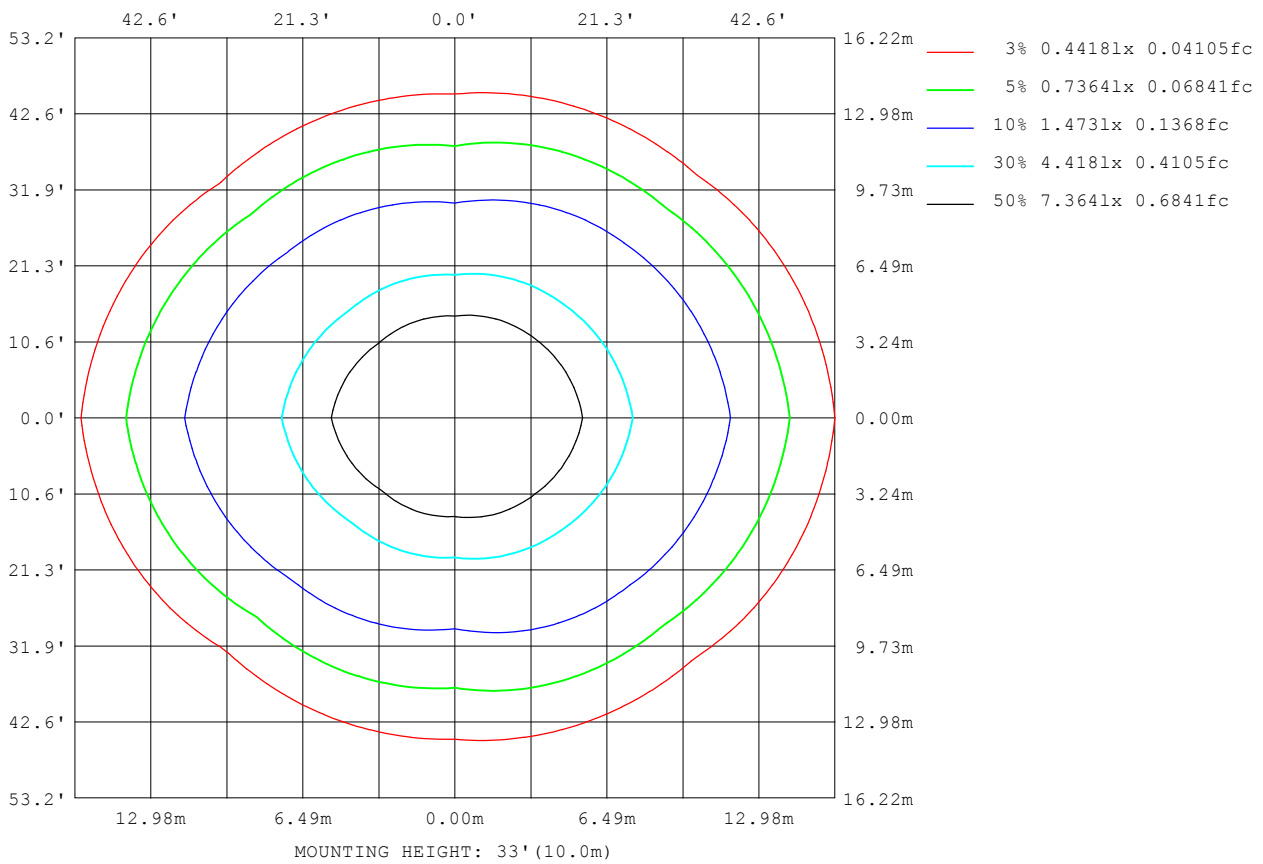
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: JYH
Test Date: 2022-07-07

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: 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:0.1640A P:34.80W PF:0.9670 Freq:50.00Hz Lamp Flux:2244.44x1 lm		
NAME: ML-BL	TYPE:	WEIGHT:
SPEC.:ML-BL	DIM.: 1200*52*45mm	SERIAL No.:
MFR.: Mercury Lighting	SUR.:1200*52mm	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:JYH
 Test Date:2022-07-07

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: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:0.1640A P:34.80W PF:0.9670 Freq:50.00Hz Lamp Flux:2244.44x1 lm		
NAME: ML-BL	TYPE:	WEIGHT:
SPEC.: ML-BL	DIM.: 1200*52*45mm	SERIAL No.:
MFR.: Mercury Lighting	SUR.:1200*52mm	Shielding Angle:

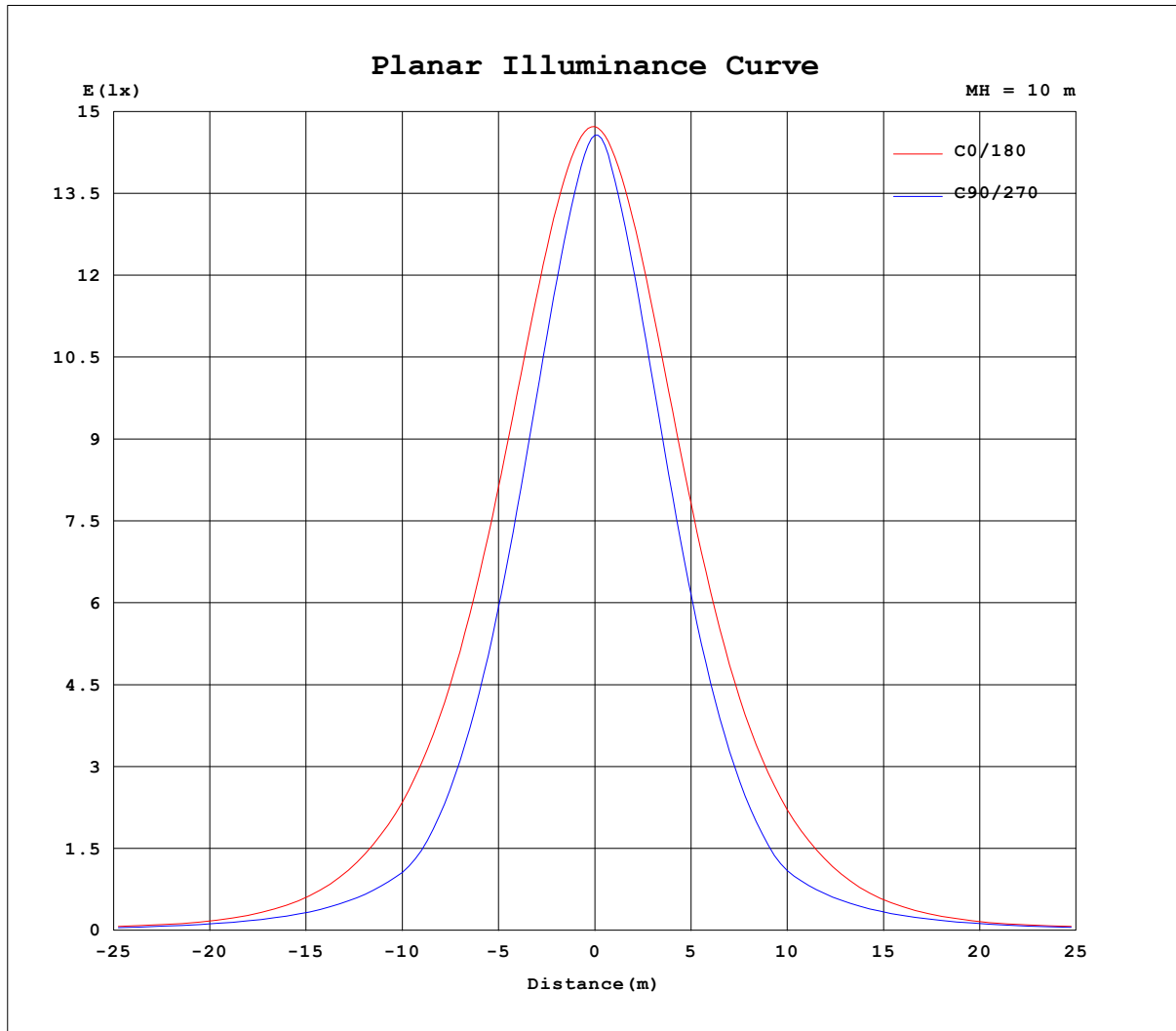
AvgL	cd/m2
L_0~180 (65) av	6357
L_0~180 (75) av	4613
L_0~180 (85) av	1172
L_90~270 (65) av	4966
L_90~270 (75) av	4260
L_90~270 (85) av	3450
L_45 (65) av	5319
L_45 (75) av	4122
L_45 (85) av	2000

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:JYH
 Test Date:2022-07-07

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: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: 2022-07-07

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: 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:0.1640A P:34.80W PF:0.9670 Freq:50.00Hz Lamp Flux:2244.44x1 lm		
NAME: ML-BL	TYPE:	WEIGHT:
SPEC.:ML-BL	DIM.: 1200*52*45mm	SERIAL No.:
MFR.: Mercury Lighting	SUR.:1200*52mm	Shielding Angle:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	45	90	135	180	225	270	315										
0	1473	1466	1457	1464	1473	1466	1457	1464										
5	1460	1430	1393	1405	1449	1427	1414	1447										
10	1418	1351	1289	1307	1397	1334	1316	1372										
15	1353	1248	1165	1191	1325	1223	1195	1272										
20	1270	1129	1025	1062	1234	1097	1057	1154										
25	1170	998	876	926	1129	961	908	1023										
30	1056	862	721	785	1012	821	754	884										
35	931	722	566	647	886	681	598	744										
40	800	585	414	514	756	547	444	605										
45	666	456	302	390	627	422	311	472										
50	532	335	252	283	499	310	257	351										
55	392	245	206	216	364	228	211	255										
60	267	194	164	169	250	176	170	200										
65	170	147	128	126	163	131	133	153										
70	126	107	95.7	88.6	122	93.0	99.4	112										
75	74.3	71.8	66.9	56.5	73.7	59.9	69.8	76.4										
80	34.9	41.3	41.1	28.5	35.6	31.0	43.3	45.4										
85	5.84	14.6	17.8	4.47	6.82	6.05	19.5	18.1										
90	0.59	0.93	0.89	0.62	0.40	0.32	0.23	0.98										
95	0.60	0.66	0.87	0.72	0.55	0.41	0.41	0.29										
100	0.92	0.82	0.93	0.94	0.92	0.65	0.67	0.58										
105	1.34	1.08	1.18	1.21	1.52	0.93	1.03	0.83										
110	1.89	1.44	1.58	1.53	1.96	1.24	1.49	1.13										
115	2.52	1.85	2.05	1.88	2.63	1.58	1.91	1.48										
120	3.39	2.37	2.56	2.29	3.69	1.96	2.39	1.95										
125	4.36	2.95	3.67	2.91	4.55	2.53	2.85	2.51										
130	5.36	3.69	3.63	3.69	5.32	3.30	3.40	3.21										
135	6.47	4.55	4.34	4.65	6.73	4.34	4.07	4.10										
140	7.70	5.44	5.45	5.77	7.95	5.52	5.02	5.08										
145	9.14	6.39	7.32	7.14	8.77	6.92	6.35	6.14										
150	10.3	7.44	8.51	8.76	9.71	8.52	7.93	7.28										
155	11.6	8.66	10.6	10.7	10.8	10.4	9.88	8.60										
160	13.2	10.3	12.7	12.9	11.9	12.5	11.8	10.1										
165	14.8	12.5	14.6	15.3	13.2	14.7	13.8	12.3										
170	16.5	15.1	16.4	18.0	14.6	17.1	15.8	14.9										
175	17.6	18.0	18.0	19.4	15.3	18.7	17.7	17.9										
180	17.0	19.6	19.0	19.9	17.0	19.6	19.1	19.9										

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