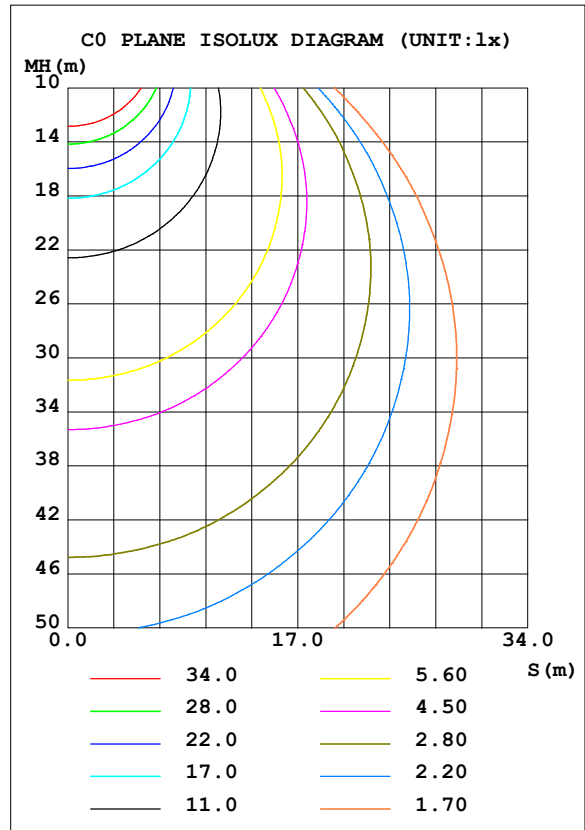
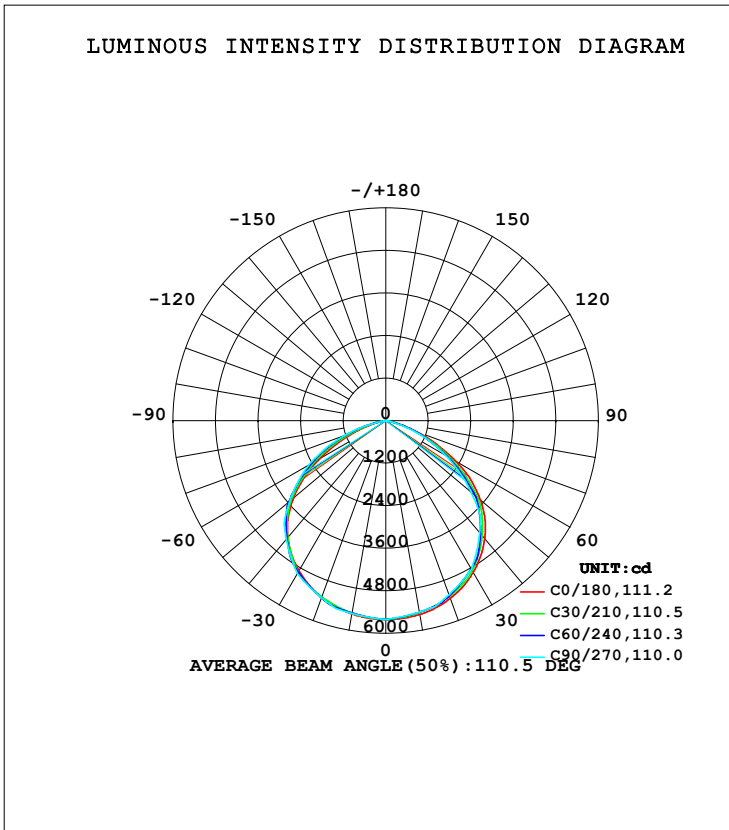


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.10V I:0.4544A P:98.288W PF:0.9849 Freq:50.00Hz Lamp Flux:14837x1 lm		
NAME: GLM-MXHB100	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 150.95 lm/W			
MODEL		I _{max} (cd)	5611	S/MH (C0/180)	1.30
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)	1.31
RATED VOLTAGE (V)	220.0	TOTAL FLUX (lm)	14837	<input type="checkbox"/> UP, DN (C0-180)	0.0, 48.2
NOMINAL FLUX (lm)	14837	CIE CLASS	DIRECT	<input type="checkbox"/> UP, DN (C180-360)	0.0, 51.8
LAMPS INSIDE	1	<input type="checkbox"/> up (%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	220	<input type="checkbox"/> down (%)	100.0	CIBSE SHR MAX	1.35



H Range: -90 - 90 DEG
 H Interval: 1.0 DEG
 Test Speed: HIGH
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2022-05-18

V (B) Range: -75 - 75 DEG
 V (B) Interval: 5.0 DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.290
 Humidity: 65.0%
 Test Distance: 7.500m [K=1.1507]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

mm	C0	C45	C90	C135	C180	C225	C270	C315	mm	□ zone	□ total	%lum, lamp
10	5552	5488	5482	5477	5536	5507	5522	5516	0- 10	529.5	529.5	3.57,3.57
20	5330	5287	5224	5270	5301	5331	5314	5347	10- 20	1531	2061	13.9,13.9
30	4940	4827	4837	4802	4895	4909	4987	4931	20- 30	2353	4414	29.8,29.8
40	4344	4242	4122	4201	4295	4359	4367	4399	30- 40	2881	7295	49.2,49.2
50	3491	3281	3151	3219	3400	3483	3543	3524	40- 50	2982	10277	69.3,69.3
60	2276	2063	1922	1977	2155	2364	2514	2379	50- 60	2511	12788	86.2,86.2
70	956.4	819.7	797.1	761.3	858.9	1117	1243	1143	60- 70	1544	14331	96.6,96.6
80	99.48	51.94	0	43.20	59.48	146.4	0	161.8	70- 80	494.3	14826	99.9,99.9
90	0	0	0	0	0	0	0	0	80- 90	11.21	14837	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): 8804.3 lm

%lum = 59.3%

%lamp = 59.3%

Conical surface Flux(120deg): 12788 lm

%lum = 86.2%

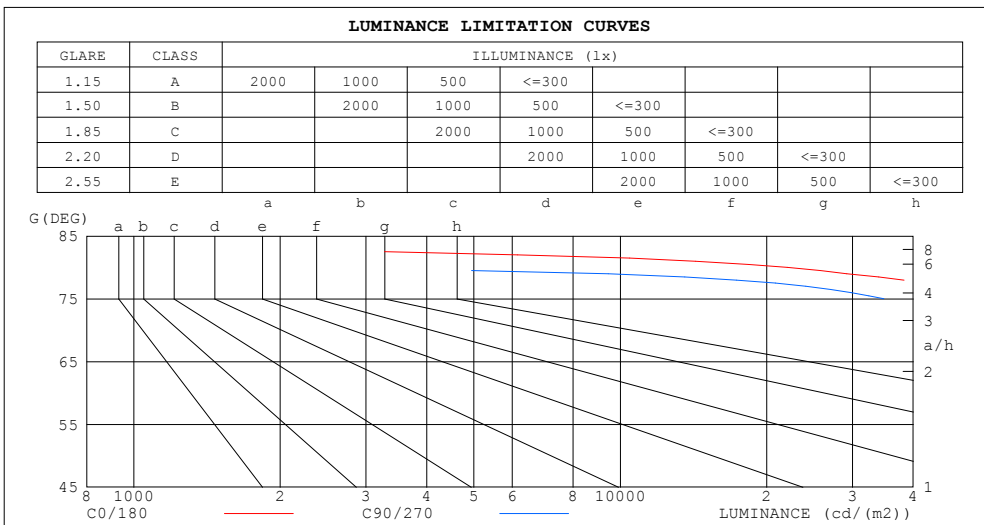
%lamp = 86.2%

H(□) Range:-90 - 90DEG
H(□) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-05-18

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.290
Humidity:65.0%
Test Distance:7.500m [K=1.1507]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:220.10V I:0.4544A P:98.288W PF:0.9849 Freq:50.00Hz Lamp Flux:14837x1 lm		
NAME: GLM-MXHB100	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	0	0
80	22033	0
75	63298	34846
70	107554	89632
65	144091	123737
60	175056	147861
55	197136	170085
50	208869	188528
45	215651	204791

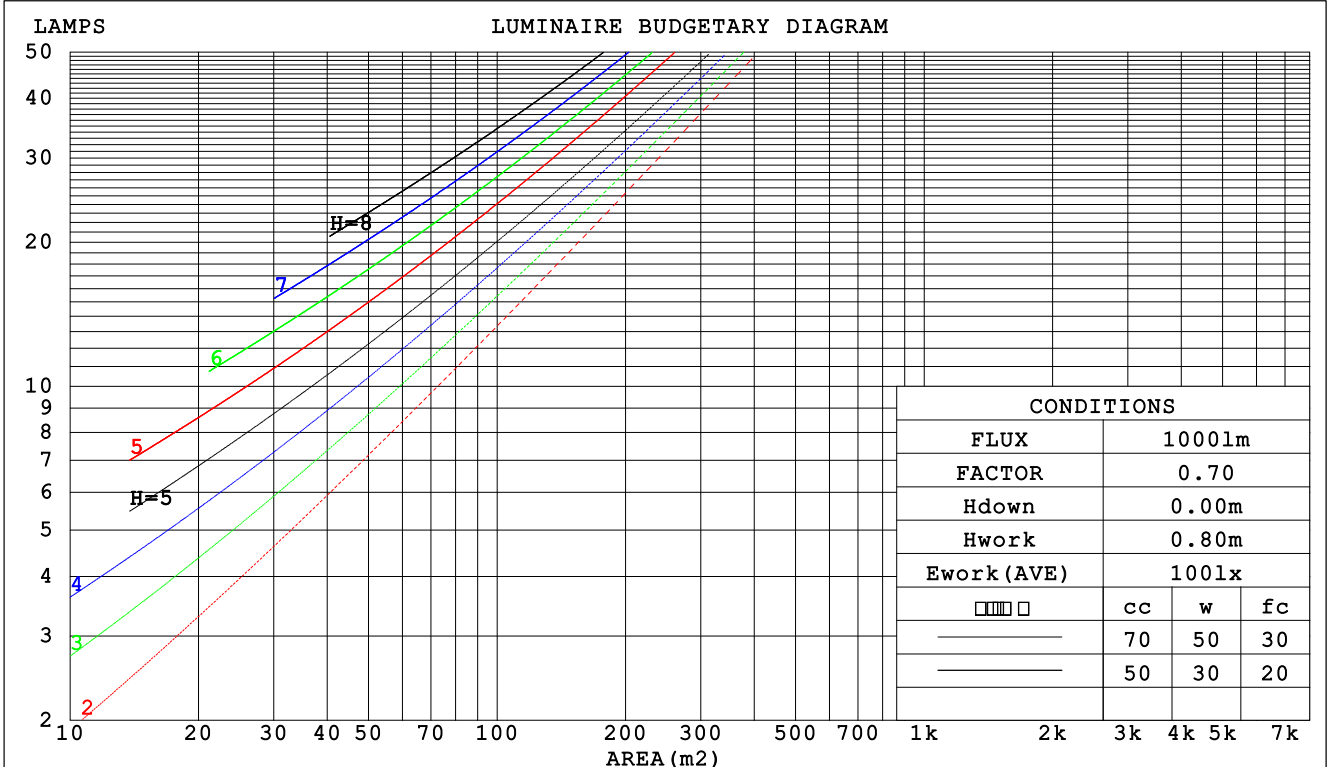
H(□) Range:-90 - 90DEG
H(□) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-05-18

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.290
Humidity:65.0%
Test Distance:7.500m [K=1.1507]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.10V I:0.4544A P:98.288W PF:0.9849 Freq:50.00Hz Lamp Flux:14837x1 lm		
NAME: GLM-MXHB100	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.:	SUR.:	Shielding Angle:

□cc	80%			70%			50%			30%			10%			0
□w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
□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	1.00
1.0	1.06	1.02	.99	1.04	1.00	.97	.90	.97	.94	.96	.94	.91	.92	.90	.89	.87
2.0	.93	.87	.82	.92	.86	.81	.88	.83	.79	.85	.81	.77	.82	.79	.76	.74
3.0	.83	.75	.69	.81	.74	.68	.78	.72	.67	.75	.70	.66	.73	.69	.65	.63
4.0	.73	.65	.59	.72	.64	.58	.70	.63	.58	.67	.62	.57	.65	.60	.56	.54
5.0	.66	.57	.51	.65	.57	.51	.63	.55	.50	.61	.54	.49	.59	.53	.49	.47
6.0	.59	.51	.44	.58	.50	.44	.57	.49	.44	.55	.48	.43	.53	.48	.43	.41
7.0	.54	.45	.39	.53	.45	.39	.51	.44	.39	.50	.43	.39	.49	.43	.38	.36
8.0	.49	.41	.35	.48	.40	.35	.47	.40	.35	.46	.39	.35	.45	.39	.34	.32
9.0	.45	.37	.32	.44	.37	.31	.43	.36	.31	.42	.36	.31	.41	.35	.31	.29
10.0	.41	.34	.29	.41	.34	.28	.40	.33	.28	.39	.33	.28	.38	.32	.28	.26



H(□) Range:-90 - 90DEG
H(□) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-05-18

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.290
Humidity:65.0%
Test Distance:7.500m [K=1.1507]
Remarks:

WEC AND CCEC

Test:U:220.10V I:0.4544A P:98.288W PF:0.9849 Freq:50.00Hz Lamp Flux:14837x1 lm		
NAME: GLM-MXHB100	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.:	SUR.:	Shielding Angle:

<input type="checkbox"/> cc	80%	70%	50%	30%	10%	0
<input type="checkbox"/> w	50% 30% 10%	50% 30% 10%	50% 30% 10%	50% 30% 10%	50% 30% 10%	0
<input type="checkbox"/> fc	20%	20%	20%	20%	20%	0
RCR	RCR:Room Cavity Ratio		Wall Exitance Coefficients (WEC)			
0.0						
1.0	.268 .153 .048	.261 .149 .047	.248 .142 .045	.236 .136 .044	.225 .131 .042	
2.0	.263 .144 .044	.257 .141 .044	.245 .136 .042	.235 .132 .041	.225 .127 .040	
3.0	.249 .133 .040	.244 .131 .039	.234 .127 .038	.224 .123 .038	.216 .119 .037	
4.0	.234 .121 .036	.229 .120 .035	.220 .117 .035	.212 .114 .034	.204 .111 .034	
5.0	.219 .111 .032	.214 .110 .032	.207 .108 .032	.199 .105 .031	.192 .103 .031	
6.0	.205 .103 .029	.201 .101 .029	.194 .099 .029	.187 .097 .029	.181 .095 .028	
7.0	.192 .095 .027	.188 .094 .027	.182 .092 .027	.176 .090 .026	.171 .089 .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 .022	.152 .077 .022	
10.0	.160 .077 .021	.157 .076 .021	.153 .075 .021	.148 .074 .021	.144 .073 .021	

<input type="checkbox"/> cc	80%	70%	50%	30%	10%	0
<input type="checkbox"/> w	50% 30% 10%	50% 30% 10%	50% 30% 10%	50% 30% 10%	50% 30% 10%	0
<input type="checkbox"/> fc	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	.152 .134 .118	.104 .092 .082	.060 .053 .048	.019 .017 .015	
2.0	.168 .132 .102	.144 .114 .088	.099 .079 .061	.057 .046 .036	.018 .015 .012	
3.0	.160 .114 .077	.138 .098 .067	.094 .068 .047	.055 .040 .028	.018 .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 .040	.120 .071 .035	.083 .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	.099 .052 .020	.069 .037 .014	.040 .022 .008	.013 .007 .003	

H(□) Range:-90 - 90DEG
H(□) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-05-18

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.290
Humidity:65.0%
Test Distance:7.500m [K=1.1507]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:220.10V I:0.4544A P:98.288W PF:0.9849 Freq:50.00Hz Lamp Flux:14837x1 lm										
NAME: GLM-MXHB100					TYPE:LED			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:1		
MFR.:					SUR.:			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	31.0	32.5	31.3	32.7	32.9	30.5	32.0	30.8	32.2	32.4
3H	31.8	33.1	32.1	33.3	33.6	31.2	32.6	31.5	32.8	33.0
4H	31.9	33.1	32.2	33.4	33.6	31.2	32.5	31.6	32.8	33.0
6H	31.8	33.0	32.1	33.3	33.5	31.2	32.3	31.5	32.6	32.9
8H	31.8	32.9	32.1	33.2	33.5	31.1	32.2	31.4	32.5	32.8
12H	31.7	32.8	32.1	33.1	33.4	31.1	32.1	31.4	32.4	32.7
4H 2H	31.3	32.6	31.6	32.8	33.1	30.9	32.2	31.2	32.4	32.7
3H	32.2	33.3	32.5	33.5	33.8	31.7	32.8	32.1	33.1	33.4
4H	32.3	33.3	32.7	33.6	33.9	31.8	32.8	32.2	33.1	33.4
6H	32.3	33.1	32.7	33.5	33.9	31.7	32.6	32.1	32.9	33.3
8H	32.2	33.0	32.6	33.4	33.8	31.7	32.5	32.1	32.8	33.2
12H	32.2	32.9	32.6	33.3	33.7	31.6	32.4	32.0	32.7	33.1
8H 4H	32.3	33.1	32.7	33.4	33.8	31.8	32.6	32.2	32.9	33.3
6H	32.3	32.9	32.7	33.3	33.8	31.7	32.4	32.1	32.8	33.2
8H	32.2	32.8	32.7	33.2	33.7	31.7	32.2	32.1	32.7	33.1
12H	32.2	32.7	32.7	33.1	33.6	31.6	32.1	32.1	32.6	33.0
12H 4H	32.2	33.0	32.7	33.3	33.7	31.7	32.5	32.1	32.8	33.2
6H	32.2	32.8	32.7	33.2	33.7	31.7	32.2	32.1	32.7	33.1
8H	32.2	32.7	32.7	33.1	33.6	31.6	32.1	32.1	32.6	33.0
Variations with the observer position at spacings:										
S = 1.0H	+ 0.3 / - 0.4					+ 0.4 / - 0.5				
1.5H	+ 0.3 / - 0.6					+ 0.3 / - 0.7				
2.0H	+ 0.8 / - 0.9					+ 0.7 / - 1.0				

CIE Pub.117, 14837 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 9.4)

H(□) Range:-90 - 90DEG
H(□) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-05-18

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.290
Humidity:65.0%
Test Distance:7.500m [K=1.1507]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:220.10V I:0.4544A P:98.288W PF:0.9849 Freq:50.00Hz Lamp Flux:14837x1 lm		
NAME: GLM-MXHB100	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.:	SUR.:	Shielding Angle:

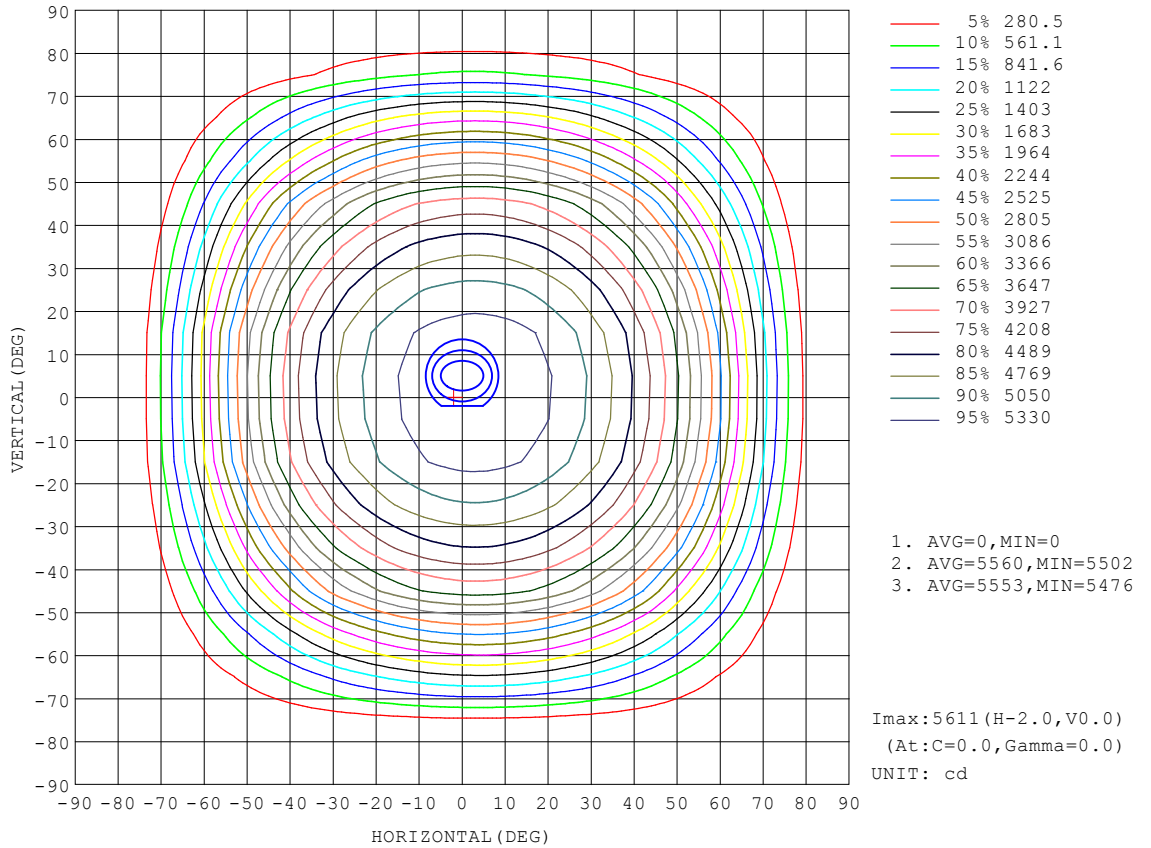
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	60	48	42	59	48	42	58	48	41	35
0.80	70	59	52	69	59	52	67	58	52	45
1.00	79	69	62	78	68	62	76	69	61	54
1.25	86	77	70	85	76	70	82	74	69	62
1.50	91	82	76	90	81	75	87	80	74	67
2.00	98	90	84	96	89	84	93	87	82	75
2.50	101	94	89	99	93	88	96	90	86	78
3.00	104	98	94	102	97	92	99	94	90	82
4.00	108	103	99	106	101	98	102	98	95	87
5.00	110	106	102	108	104	101	103	100	98	89
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

H(□) Range:-90 - 90DEG
H(□) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-05-18

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.290
Humidity:65.0%
Test Distance:7.500m [K=1.1507]
Remarks:

ISOCANDELA DIAGRAM

Test:U:220.10V I:0.4544A P:98.288W PF:0.9849 Freq:50.00Hz Lamp Flux:14837x1 lm		
NAME: GLM-MXHB100	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.:	SUR.:	Shielding Angle:

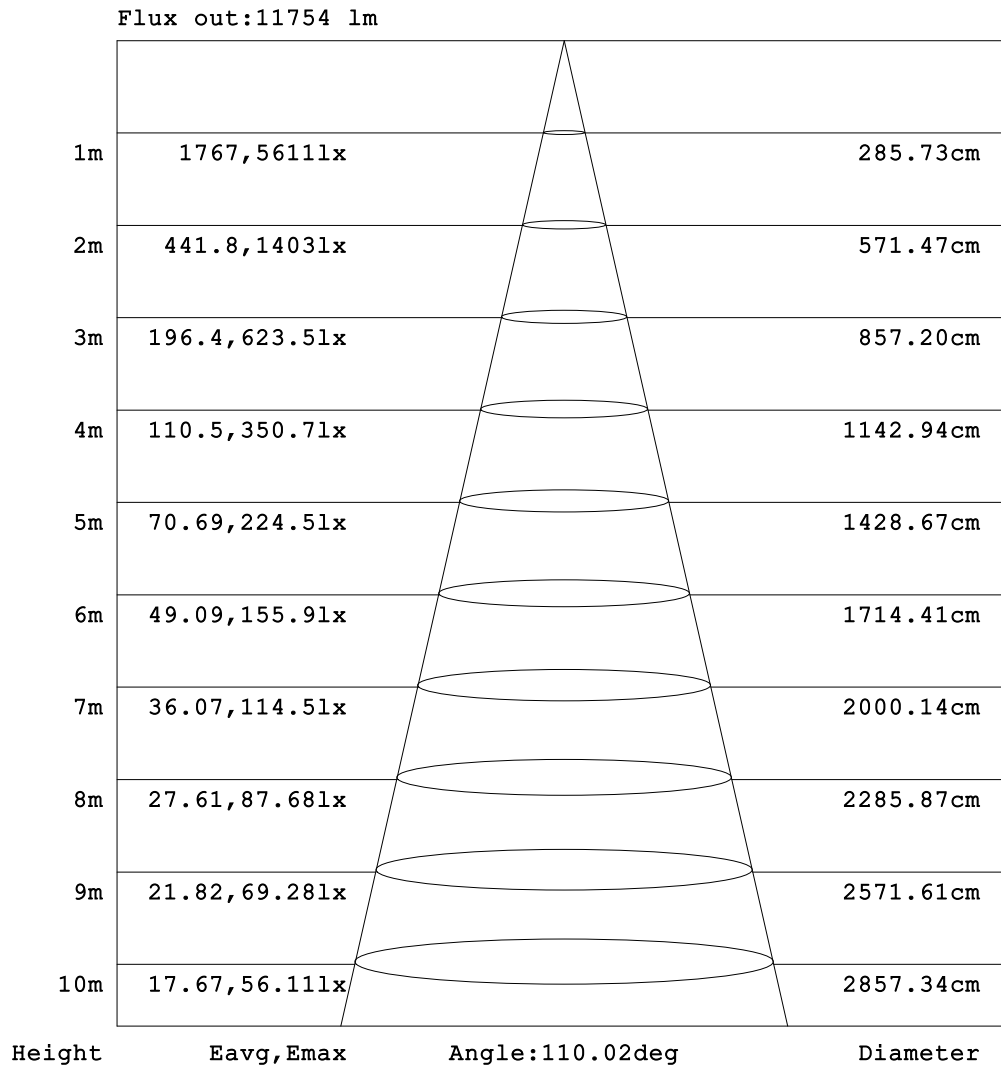


H(□) Range:-90 - 90DEG
 H(□) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2022-05-18

V(B) Range:-75 - 75DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.290
 Humidity:65.0%
 Test Distance:7.500m [K=1.1507]
 Remarks:

AAI Figure

Test:U:220.10V I:0.4544A P:98.288W PF:0.9849 Freq:50.00Hz Lamp Flux:14837x1 lm		
NAME: GLM-MXHB100	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.:	SUR.:	Shielding Angle:



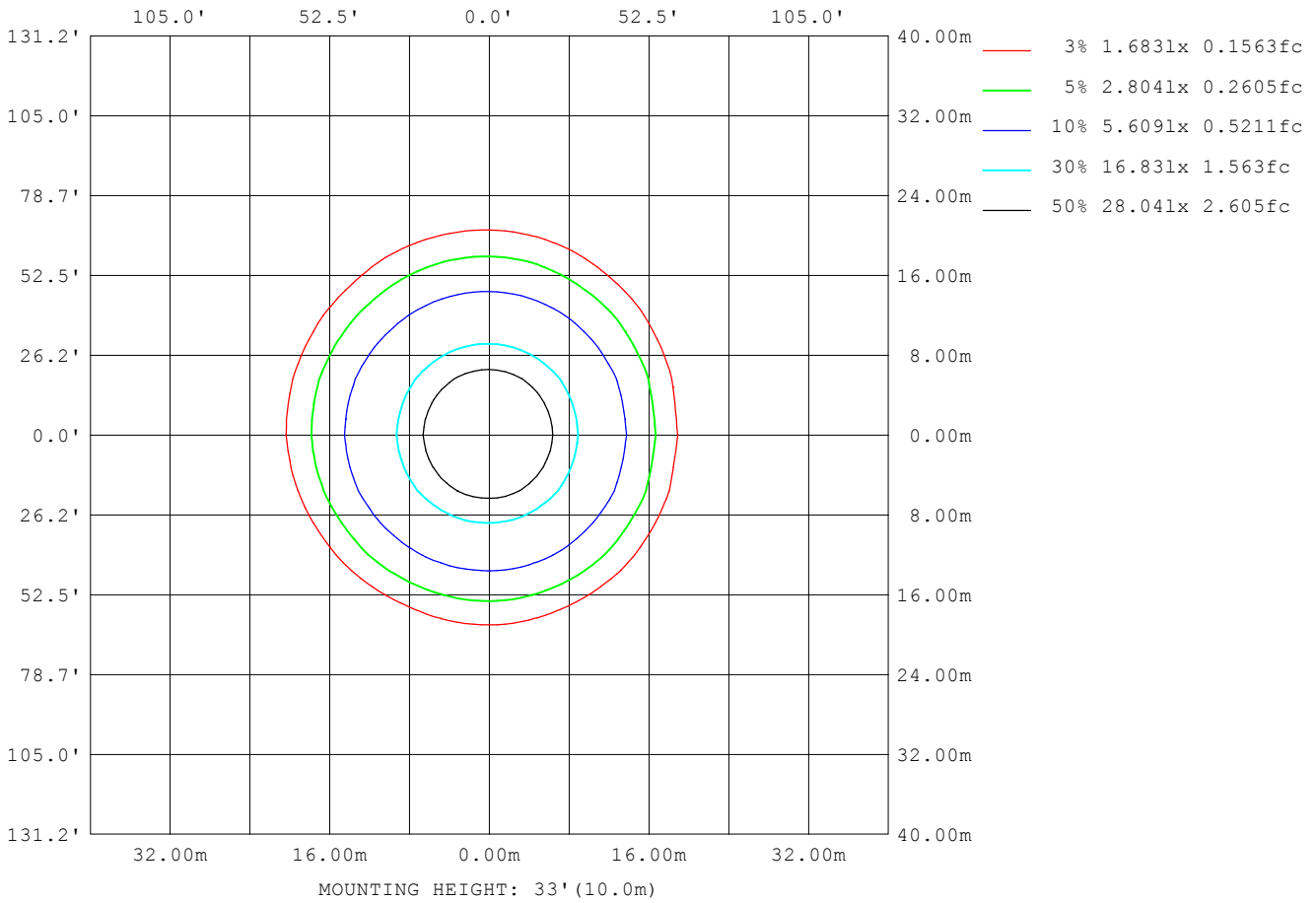
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

H(□) Range:-90 - 90DEG
H(□) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-05-18

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.290
Humidity:65.0%
Test Distance:7.500m [K=1.1507]
Remarks:

ISOLUX DIAGRAM

Test:U:220.10V I:0.4544A P:98.288W PF:0.9849 Freq:50.00Hz Lamp Flux:14837x1 lm		
NAME: GLM-MXHB100	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.:	SUR.:	Shielding Angle:



H(□) Range:-90 - 90DEG
H(□) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-05-18

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.290
Humidity:65.0%
Test Distance:7.500m [K=1.1507]
Remarks:

LED Avg.L Report

Test:U:220.10V I:0.4544A P:98.288W PF:0.9849 Freq:50.00Hz Lamp Flux:14837x1 lm		
NAME: GLM-MXHB100	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.:	SUR.:	Shielding Angle:

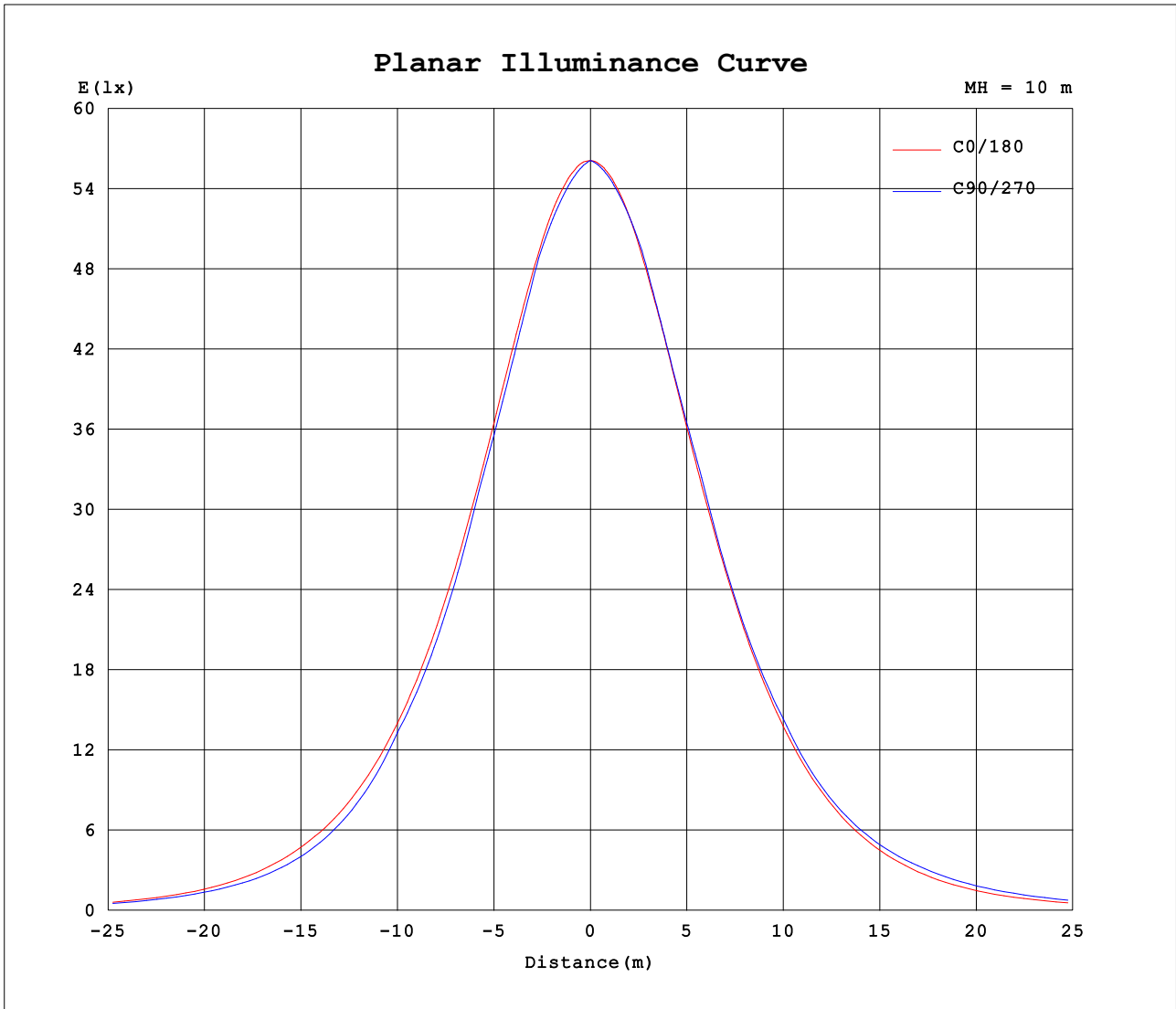
AvgL	cd/m2
L_0~180 (65) av	138913
L_0~180 (75) av	58052
L_0~180 (85) av	0
L_90~270 (65) av	147351
L_90~270 (75) av	62620
L_90~270 (85) av	0
L_45 (65) av	139748
L_45 (75) av	73942
L_45 (85) av	0

Standard: GB/T 29293-2012

H(□) Range:-90 - 90DEG
H(□) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-05-18

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.290
Humidity:65.0%
Test Distance:7.500m [K=1.1507]
Remarks:

Planar Illuminance Curve



H(□) Range:-90 - 90DEG
 H(□) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2022-05-18

V(B) Range:-75 - 75DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.290
 Humidity:65.0%
 Test Distance:7.500m [K=1.1507]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.10V I:0.4544A P:98.288W PF:0.9849 Freq:50.00Hz Lamp Flux:14837x1 lm		
NAME: GLM-MXHB100	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.:	SUR.:	Shielding Angle:

Table--1

UNIT: cd

C (DEG) □ (DEG)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	5611	5611	5611	5611	5611	5611	5611	5611	5611	5611	5611	5611	5611	5611	5611	5611	5611	5611	5611
5	5595	5589	5584	5579	5575	5570	5567	5564	5561	5559	5557	5555	5553	5552	5550	5548	5547	5547	5547
10	5552	5540	5530	5520	5512	5505	5499	5494	5491	5488	5486	5484	5482	5483	5484	5484	5483	5482	5482
15	5463	5446	5432	5421	5413	5406	5401	5399	5399	5399	5400	5403	5407	5409	5411	5416	5418	5417	5418
20	5330	5308	5291	5279	5273	5270	5270	5272	5279	5287	5282	5267	5254	5245	5238	5232	5230	5225	5224
25	5161	5132	5112	5099	5094	5095	5102	5117	5095	5076	5061	5052	5044	5038	5036	5035	5034	5031	5031
30	4940	4907	4886	4878	4881	4890	4882	4855	4836	4827	4823	4821	4825	4826	4829	4834	4838	4837	4837
35	4667	4628	4607	4604	4619	4611	4581	4562	4553	4557	4567	4579	4552	4532	4510	4498	4490	4484	4480
40	4344	4299	4279	4284	4287	4249	4231	4230	4244	4242	4201	4174	4156	4145	4137	4132	4129	4126	4122
45	3965	3909	3892	3910	3866	3843	3846	3873	3814	3775	3754	3744	3745	3751	3759	3764	3767	3768	3765
50	3491	3428	3420	3413	3379	3379	3384	3329	3296	3281	3284	3301	3281	3246	3216	3190	3172	3160	3151
55	2940	2866	2865	2824	2828	2843	2762	2737	2744	2753	2706	2667	2630	2603	2583	2566	2554	2547	2536
60	2276	2207	2208	2177	2197	2142	2102	2108	2097	2063	2031	2002	1981	1961	1949	1941	1936	1933	1922
65	1583	1531	1514	1528	1486	1461	1442	1423	1410	1387	1361	1353	1370	1372	1373	1372	1369	1367	1360
70	956	921	901	887	860	857	838	806	787	820	841	852	850	838	827	817	808	802	797
75	426	403	400	382	386	365	355	386	398	400	391	370	343	313	286	265	248	237	234
80	99.5	99.7	97.0	93.1	99.5	114	109	85.7	51.9	51.9	56.6	52.4	44.5	34.4	24.1	14.5	6.74	1.73	0.00
85	0.00	4.17	4.38	5.86	2.69	1.54	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
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

H(□) Range:-90 - 90DEG
H(□) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-05-18

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.290
Humidity:65.0%
Test Distance:7.500m [K=1.1507]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.10V I:0.4544A P:98.288W PF:0.9849 Freq:50.00Hz Lamp Flux:14837x1 lm		
NAME: GLM-MXHB100	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.:	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C (DEG) □ (DEG)	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185
0	5611	5611	5611	5611	5611	5611	5611	5611	5611	5611	5611	5611	5611	5611	5611	5611	5611	5611	5611
5	5547	5547	5547	5547	5547	5548	5550	5552	5554	5556	5559	5562	5566	5570	5575	5579	5585	5590	5587
10	5483	5481	5479	5478	5477	5476	5475	5476	5477	5480	5484	5488	5493	5499	5506	5515	5525	5536	5529
15	5417	5413	5410	5403	5398	5395	5392	5388	5385	5383	5382	5382	5385	5390	5397	5407	5420	5436	5425
20	5224	5224	5224	5227	5234	5242	5254	5267	5270	5259	5249	5243	5242	5244	5251	5262	5279	5301	5287
25	5029	5029	5026	5025	5026	5028	5034	5040	5052	5074	5097	5080	5069	5063	5065	5074	5092	5119	5104
30	4835	4833	4825	4816	4810	4804	4798	4799	4802	4811	4826	4852	4859	4846	4839	4845	4864	4895	4876
35	4479	4481	4484	4493	4509	4528	4553	4537	4525	4519	4526	4543	4577	4587	4570	4571	4590	4628	4608
40	4119	4115	4113	4113	4116	4123	4138	4162	4201	4200	4188	4187	4207	4252	4248	4238	4253	4295	4270
45	3758	3749	3740	3727	3714	3704	3697	3700	3726	3759	3806	3780	3778	3808	3859	3833	3844	3896	3870
50	3147	3149	3160	3176	3200	3230	3237	3227	3219	3221	3242	3291	3281	3288	3337	3342	3344	3400	3376
55	2530	2526	2526	2533	2547	2567	2595	2640	2676	2647	2633	2652	2710	2704	2731	2793	2768	2812	2806
60	1913	1901	1892	1889	1894	1908	1932	1955	1977	1994	2004	1999	2023	2053	2061	2121	2108	2155	2160
65	1353	1344	1333	1323	1312	1300	1276	1282	1306	1326	1346	1370	1374	1377	1407	1426	1444	1469	1491
70	795	794	793	797	801	805	801	784	761	725	749	785	799	801	808	822	853	859	884
75	238	245	257	277	300	324	346	360	367	366	352	326	331	350	344	347	355	355	372
80	1.73	6.67	14.1	23.4	33.2	42.0	48.6	49.2	43.2	44.2	75.1	95.6	96.0	77.4	71.0	71.6	66.6	59.5	65.5
85	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	1.04	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

H(□) Range:-90 - 90DEG
H(□) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-05-18

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.290
Humidity:65.0%
Test Distance:7.500m [K=1.1507]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.10V I:0.4544A P:98.288W PF:0.9849 Freq:50.00Hz Lamp Flux:14837x1 lm		
NAME: GLM-MXHB100	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.:	SUR.:	Shielding Angle:

Table--3

UNIT: cd

C (DEG) □ (DEG)	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
0	5611	5611	5611	5611	5611	5611	5611	5611	5611	5611	5611	5611	5611	5611	5611	5611	5611	5611	5611
5	5583	5579	5576	5574	5571	5569	5568	5566	5565	5564	5564	5564	5564	5565	5566	5566	5567	5567	5567
10	5522	5517	5513	5510	5508	5507	5506	5507	5507	5508	5509	5510	5512	5514	5517	5519	5522	5523	5523
15	5418	5413	5412	5412	5414	5417	5422	5429	5435	5441	5448	5453	5457	5461	5466	5472	5478	5478	5474
20	5278	5273	5273	5279	5289	5301	5314	5331	5332	5325	5319	5313	5310	5307	5307	5310	5314	5315	5314
25	5097	5099	5106	5119	5139	5162	5145	5136	5130	5131	5133	5136	5135	5138	5141	5148	5150	5149	5149
30	4870	4878	4899	4929	4935	4918	4909	4909	4911	4921	4934	4951	4960	4965	4973	4985	4987	4985	4982
35	4604	4616	4644	4649	4636	4634	4640	4658	4679	4699	4690	4685	4681	4673	4672	4677	4677	4679	4681
40	4273	4302	4328	4309	4305	4320	4348	4359	4348	4342	4339	4344	4352	4355	4359	4366	4367	4371	4368
45	3882	3931	3907	3901	3925	3972	3949	3938	3941	3962	3979	4000	4019	4032	4044	4055	4058	4062	4054
50	3403	3427	3417	3443	3484	3466	3474	3483	3516	3564	3573	3560	3551	3544	3541	3542	3543	3548	3549
55	2869	2854	2870	2908	2905	2930	2969	3012	2986	2989	2998	3001	3005	3013	3020	3026	3028	3030	3026
60	2224	2217	2272	2266	2307	2373	2365	2364	2363	2385	2416	2440	2457	2479	2498	2509	2514	2511	2503
65	1524	1552	1577	1622	1660	1687	1701	1715	1741	1783	1820	1843	1854	1864	1872	1876	1879	1878	1876
70	891	923	955	1002	1017	1032	1063	1117	1156	1185	1208	1221	1229	1235	1239	1241	1243	1242	1241
75	387	414	447	456	486	539	578	599	610	610	610	606	607	608	607	607	608	607	606
80	78.6	92.3	114	144	152	158	143	146	147	134	114	88.2	62.3	37.6	17.5	4.49	0.00	4.49	17.5
85	0.00	0.04	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
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

H(□) Range:-90 - 90DEG
H(□) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-05-18

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.290
Humidity:65.0%
Test Distance:7.500m [K=1.1507]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.10V I:0.4544A P:98.288W PF:0.9849 Freq:50.00Hz Lamp Flux:14837x1 lm		
NAME: GLM-MXHB100	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.:	SUR.:	Shielding Angle:

Table--4

UNIT: cd

C (DEG) □ (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	5611	5611	5611	5611	5611	5611	5611	5611	5611	5611	5611	5611	5611	5611	5611				
5	5568	5569	5570	5570	5571	5571	5572	5573	5575	5577	5579	5581	5584	5587	5591				
10	5521	5519	5518	5518	5517	5516	5516	5517	5518	5520	5523	5527	5531	5537	5544				
15	5471	5468	5464	5459	5455	5450	5444	5439	5436	5434	5433	5435	5438	5443	5452				
20	5317	5320	5327	5333	5339	5349	5347	5333	5320	5310	5303	5299	5300	5305	5315				
25	5148	5150	5148	5147	5147	5150	5154	5162	5179	5159	5144	5133	5129	5131	5142				
30	4978	4972	4962	4952	4943	4936	4931	4932	4938	4951	4944	4920	4907	4906	4917				
35	4686	4692	4700	4713	4731	4706	4686	4670	4660	4662	4678	4674	4648	4637	4643				
40	4365	4362	4359	4363	4368	4378	4399	4386	4356	4340	4340	4357	4335	4313	4316				
45	4041	4030	4010	3999	3984	3976	3979	3989	4022	3980	3952	3951	3970	3934	3931				
50	3553	3558	3569	3590	3588	3555	3524	3510	3515	3545	3511	3481	3487	3470	3454				
55	3022	3011	3006	3006	3009	3020	3036	2990	2959	2951	2981	2946	2913	2921	2893				
60	2488	2461	2438	2416	2395	2381	2379	2377	2366	2317	2308	2331	2270	2263	2234				
65	1868	1854	1840	1815	1778	1749	1735	1719	1694	1666	1643	1627	1622	1572	1555				
70	1234	1229	1226	1212	1194	1171	1143	1100	1076	1056	1038	1016	993	971	951				
75	603	610	621	625	630	631	623	608	582	536	510	497	468	455	429				
80	37.3	62.9	91.9	120	145	161	162	158	174	174	168	138	118	104	98.5				
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.68	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				

H(□) Range:-90 - 90DEG
H(□) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-05-18

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.290
Humidity:65.0%
Test Distance:7.500m [K=1.1507]
Remarks: