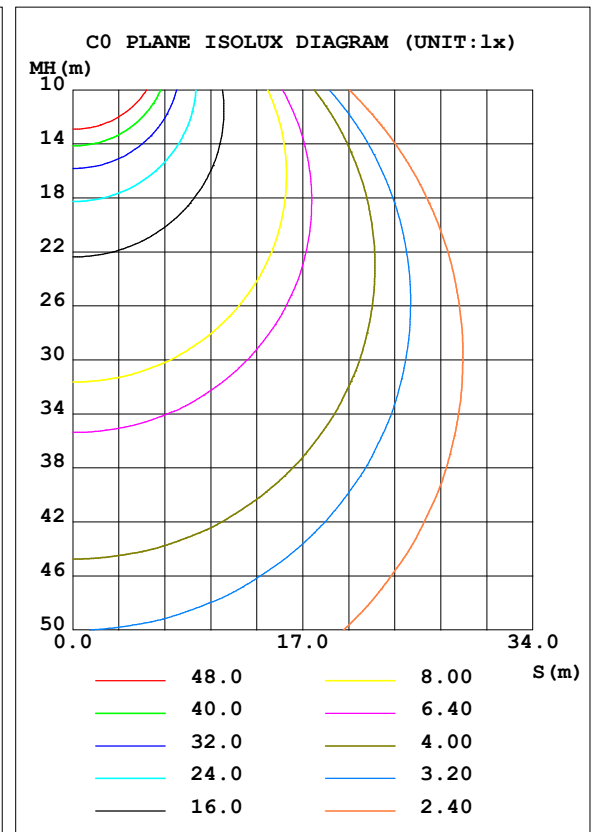
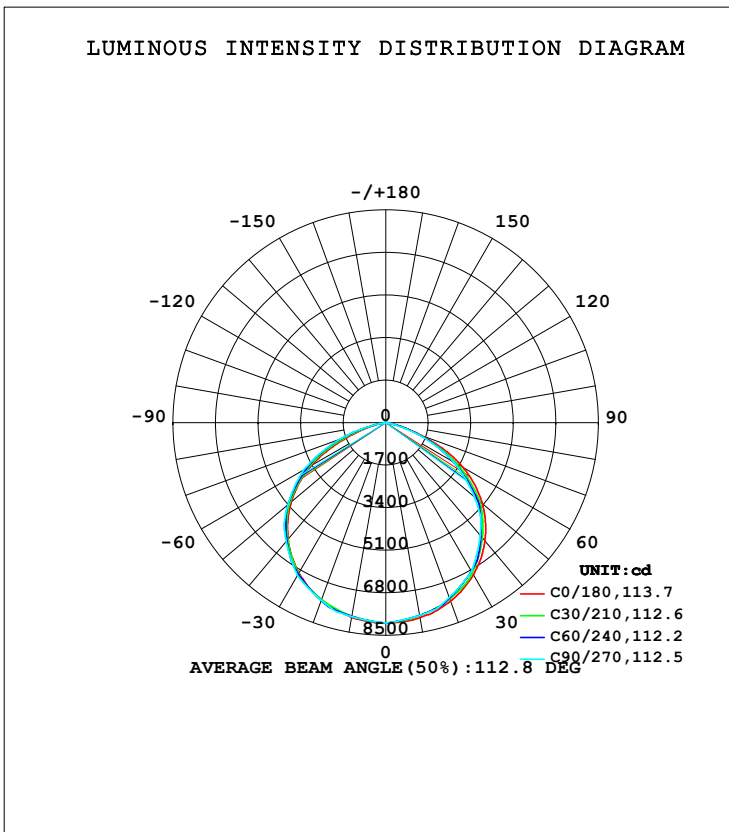


**LUMINAIRE PHOTOMETRIC TEST REPORT**

Test:U:220.15V I:0.6801A P:144.51W PF:0.9711 Freq:50.00Hz Lamp Flux:21717.7x1 lm		
NAME: GLM-MXHB150	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 150.28 lm/W			
MODEL		I <sub>max</sub> (cd)	8009	S/MH (C0/180)	1.29
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)	1.30
RATED VOLTAGE (V)	220.0	TOTAL FLUX (lm)	21718	<input type="checkbox"/> UP, DN (C0-180)	0.0, 48.4
NOMINAL FLUX (lm)	21717.7	CIE CLASS	DIRECT	<input type="checkbox"/> UP, DN (C180-360)	0.0, 51.6
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 - 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=1.1313]  
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

mm	C0	C45	C90	C135	C180	C225	C270	C315	mm	□ zone	□ total	%lum, lamp
10	7909	7822	7819	7808	7897	7846	7868	7865	0- 10	755.0	755.0	3.48,3.48
20	7586	7510	7437	7492	7527	7576	7552	7597	10- 20	2179	2934	13.5,13.5
30	7018	6848	6859	6806	6945	6944	7059	6994	20- 30	3341	6275	28.9,28.9
40	6165	6029	5874	5969	6076	6174	6193	6231	30- 40	4084	10359	47.7,47.7
50	5040	4777	4627	4717	4926	5030	5105	5099	40- 50	4263	14622	67.3,67.3
60	3549	3169	3119	3115	3424	3568	3794	3669	50- 60	3751	18373	84.6,84.6
70	1563	1402	1333	1324	1435	1812	1943	1927	60- 70	2485	20858	96,96
80	205.2	134.2	0	111.5	134.6	246.3	0	270.7	70- 80	834.5	21692	99.9,99.9
90	12.18	0	0	0	0.2528	0	0	0	80- 90	25.53	21718	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): 12506 lm

%lum = 57.6%

%lamp = 57.6%

Conical surface Flux(120deg): 18373 lm

%lum = 84.6%

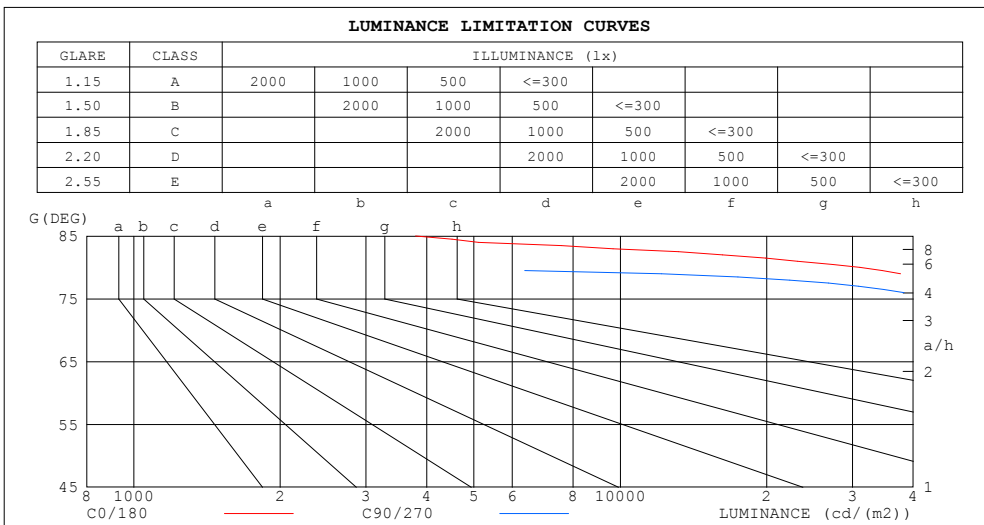
%lamp = 84.6%

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=1.1313]  
Remarks:

**LUMINANCE LIMITATION CURVES**

Test:U:220.15V I:0.6801A P:144.51W PF:0.9711 Freq:50.00Hz Lamp Flux:21717.7x1 lm		
NAME: GLM-MXHB150	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	3796	0
80	31102	0
75	72393	44784
70	120275	102592
65	162174	138626
60	186766	164166
55	199202	177700
50	206341	189434
45	209817	200263

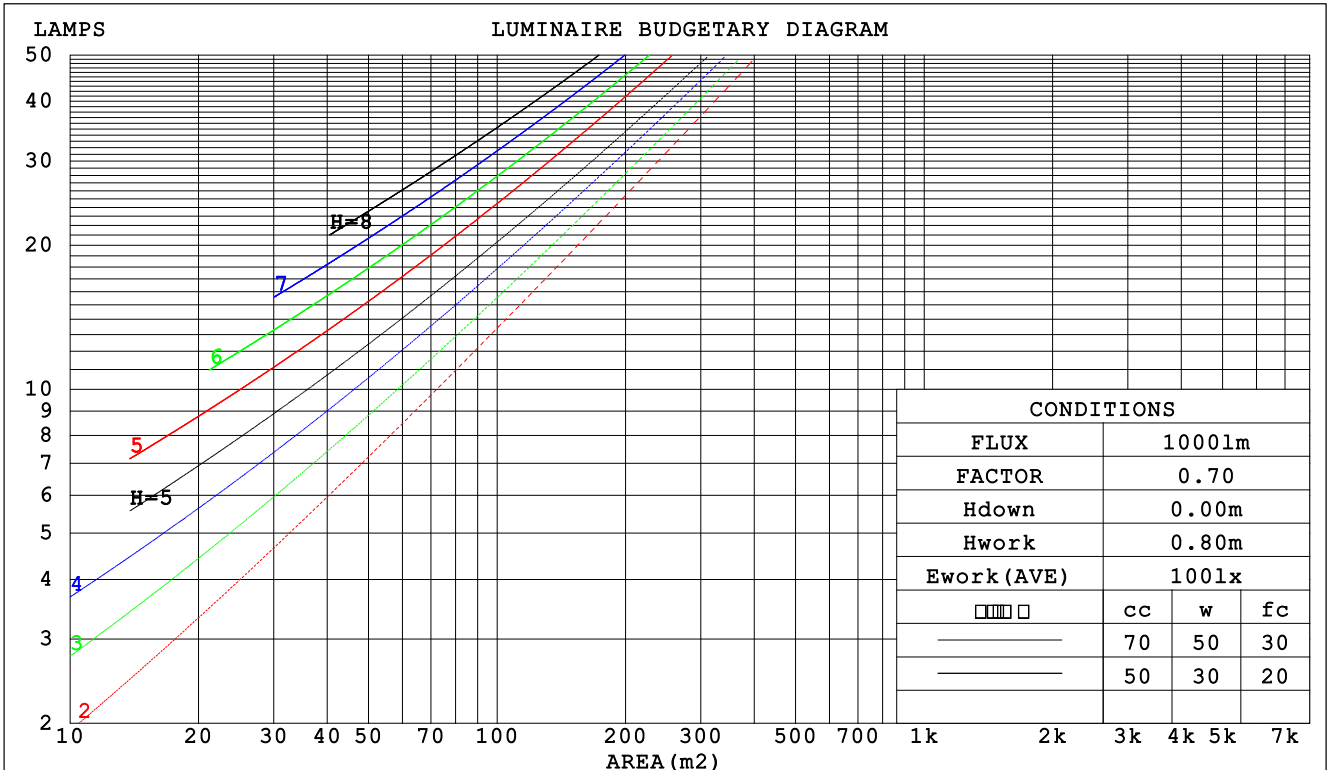
H(□) Range:-90 - 90DEG  
H(□) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2022-05-18

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=1.1313]  
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.15V I:0.6801A P:144.51W PF:0.9711 Freq:50.00Hz Lamp Flux:21717.7x1 lm		
NAME: GLM-MXHB150	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	.00
1.0	1.06	1.02	.98	1.03	1.00	.97	.99	.96	.94	.95	.93	.91	.92	.90	.88	.86
2.0	.93	.87	.81	.91	.85	.80	.88	.83	.78	.84	.80	.77	.81	.78	.75	.73
3.0	.82	.74	.68	.80	.73	.67	.77	.71	.66	.75	.69	.65	.72	.68	.64	.62
4.0	.73	.64	.58	.71	.64	.57	.69	.62	.57	.67	.61	.56	.64	.59	.55	.53
5.0	.65	.56	.50	.64	.56	.50	.62	.55	.49	.60	.53	.49	.58	.52	.48	.46
6.0	.58	.50	.44	.58	.49	.43	.56	.48	.43	.54	.48	.43	.53	.47	.42	.40
7.0	.53	.44	.38	.52	.44	.38	.51	.43	.38	.49	.43	.38	.48	.42	.37	.35
8.0	.48	.40	.34	.48	.40	.34	.46	.39	.34	.45	.39	.34	.44	.38	.33	.32
9.0	.44	.36	.31	.44	.36	.31	.43	.35	.31	.42	.35	.30	.41	.35	.30	.28
10.0	.41	.33	.28	.40	.33	.28	.39	.32	.28	.38	.32	.28	.38	.32	.27	.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=1.1313]  
Remarks:

WEC AND CCEC

Test:U:220.15V I:0.6801A P:144.51W PF:0.9711 Freq:50.00Hz Lamp Flux:21717.7x1 lm		
NAME: GLM-MXHB150	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	.274 .156 .049	.267 .153 .048	.254 .146 .047	.242 .140 .045	.231 .134 .043	
2.0	.268 .147 .045	.262 .144 .044	.251 .139 .043	.240 .135 .042	.230 .130 .041	
3.0	.254 .135 .040	.248 .133 .040	.238 .129 .039	.229 .125 .038	.220 .122 .038	
4.0	.237 .123 .036	.233 .122 .036	.224 .119 .035	.215 .116 .035	.208 .113 .034	
5.0	.222 .113 .033	.217 .112 .033	.209 .109 .032	.202 .107 .032	.195 .104 .031	
6.0	.207 .104 .030	.203 .103 .030	.196 .101 .029	.190 .098 .029	.183 .096 .029	
7.0	.194 .096 .027	.190 .095 .027	.184 .093 .027	.178 .091 .027	.172 .090 .026	
8.0	.182 .089 .025	.179 .088 .025	.173 .086 .025	.168 .085 .024	.163 .083 .024	
9.0	.171 .083 .023	.168 .082 .023	.163 .081 .023	.158 .079 .023	.154 .078 .023	
10.0	.161 .077 .021	.159 .077 .021	.154 .075 .021	.150 .074 .021	.145 .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	.178 .156 .137	.152 .134 .118	.104 .092 .082	.060 .053 .047	.019 .017 .015	
2.0	.169 .132 .101	.145 .114 .087	.099 .079 .061	.057 .046 .036	.018 .015 .012	
3.0	.161 .114 .077	.138 .099 .066	.095 .068 .047	.055 .040 .027	.018 .013 .009	
4.0	.154 .101 .060	.132 .087 .052	.091 .061 .037	.053 .036 .022	.017 .012 .007	
5.0	.147 .090 .048	.126 .078 .042	.087 .055 .030	.050 .032 .018	.016 .010 .006	
6.0	.140 .082 .040	.120 .071 .035	.083 .050 .025	.048 .029 .015	.016 .010 .005	
7.0	.134 .075 .034	.115 .065 .030	.079 .046 .021	.046 .027 .012	.015 .009 .004	
8.0	.127 .069 .029	.110 .060 .025	.076 .042 .018	.044 .025 .011	.014 .008 .004	
9.0	.121 .064 .026	.105 .056 .022	.072 .039 .016	.042 .023 .009	.014 .008 .003	
10.0	.116 .060 .023	.100 .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=1.1313]  
Remarks:

**UGR(Unified Glare Rating) Table**

Test:U:220.15V I:0.6801A P:144.51W PF:0.9711 Freq:50.00Hz Lamp Flux:21717.7x1 lm										
NAME: GLM-MXHB150					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	31.2	32.7	31.5	32.9	33.1	30.8	32.2	31.0	32.4	32.6
3H	32.1	33.4	32.4	33.7	33.9	31.6	33.0	31.9	33.2	33.4
4H	32.2	33.5	32.5	33.8	34.0	31.7	33.0	32.0	33.2	33.5
6H	32.2	33.4	32.5	33.7	33.9	31.6	32.8	31.9	33.1	33.3
8H	32.2	33.3	32.5	33.6	33.9	31.5	32.7	31.9	33.0	33.3
12H	32.1	33.2	32.5	33.5	33.8	31.5	32.6	31.8	32.9	33.2
4H 2H	31.6	32.9	31.9	33.1	33.4	31.2	32.5	31.5	32.8	33.0
3H	32.6	33.7	32.9	34.0	34.3	32.2	33.3	32.5	33.6	33.9
4H	32.7	33.7	33.1	34.1	34.4	32.3	33.3	32.7	33.6	33.9
6H	32.7	33.6	33.1	34.0	34.3	32.2	33.1	32.6	33.5	33.8
8H	32.7	33.5	33.1	33.9	34.3	32.2	33.0	32.6	33.4	33.7
12H	32.7	33.4	33.1	33.8	34.2	32.1	32.9	32.6	33.3	33.7
8H 4H	32.7	33.6	33.2	33.9	34.3	32.3	33.1	32.7	33.5	33.9
6H	32.8	33.4	33.2	33.8	34.3	32.2	32.9	32.7	33.3	33.7
8H	32.7	33.3	33.2	33.8	34.2	32.2	32.8	32.7	33.2	33.7
12H	32.7	33.2	33.2	33.7	34.1	32.2	32.7	32.6	33.1	33.6
12H 4H	32.7	33.5	33.1	33.8	34.2	32.3	33.0	32.7	33.4	33.8
6H	32.7	33.3	33.2	33.8	34.2	32.2	32.8	32.7	33.2	33.7
8H	32.7	33.2	33.2	33.7	34.1	32.2	32.7	32.7	33.1	33.6
Variations with the observer position at spacings:										
S = 1.0H	+ 0.3 / - 0.3					+ 0.4 / - 0.4				
1.5H	+ 0.3 / - 0.5					+ 0.3 / - 0.6				
2.0H	+ 0.6 / - 0.6					+ 0.6 / - 0.6				

CIE Pub.117, 21718 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 10.7)

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=1.1313]  
Remarks:

**UTILIZATION FACTORS TABLE**

Test:U:220.15V I:0.6801A P:144.51W PF:0.9711 Freq:50.00Hz Lamp Flux:21717.7x1 lm		
NAME: GLM-MXHB150	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.:	SUR.:	Shielding Angle:

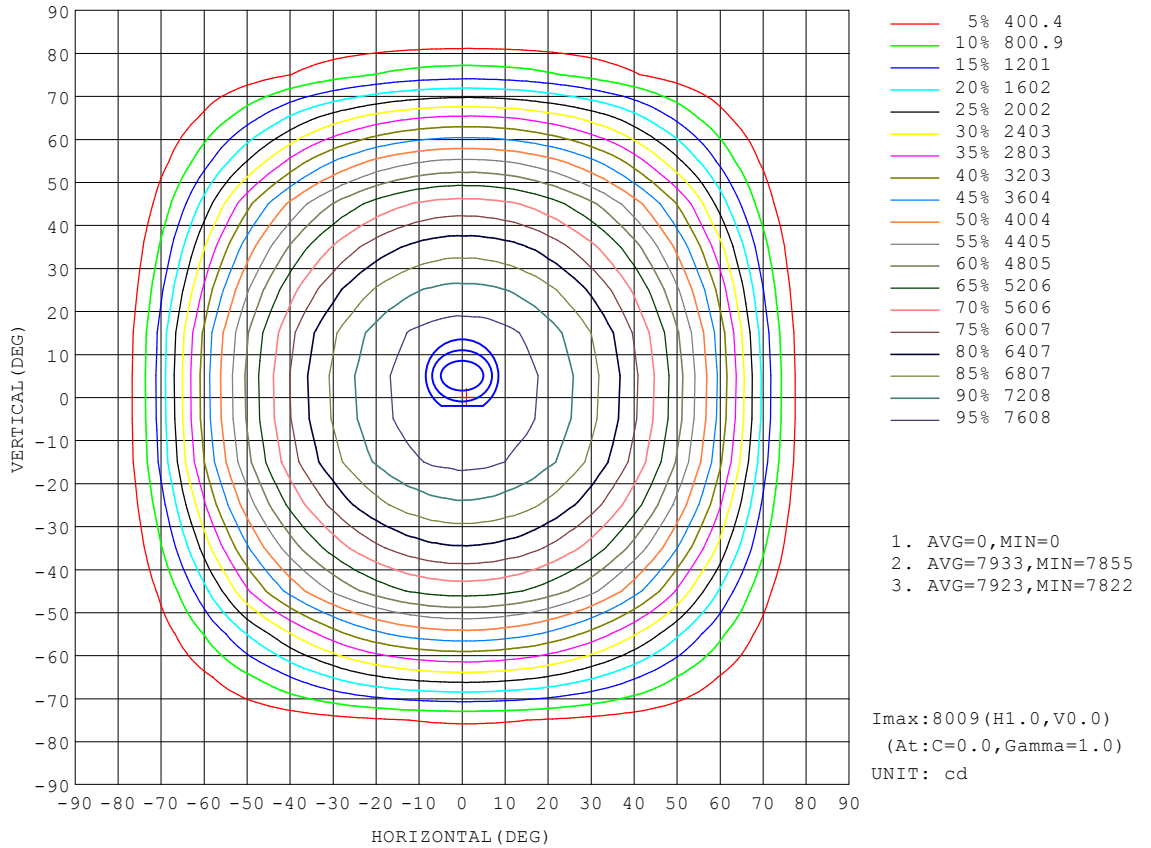
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	59	47	41	58	47	41	57	47	40	34
0.80	69	58	51	68	58	51	67	57	50	44
1.00	78	68	61	77	67	60	75	68	60	53
1.25	85	76	69	84	75	68	81	73	68	61
1.50	90	81	75	89	80	74	86	79	73	66
2.00	97	89	83	95	88	83	92	86	81	74
2.50	101	94	88	99	92	87	95	90	85	78
3.00	104	98	93	102	96	92	98	93	90	82
4.00	108	103	99	105	101	97	101	98	94	86
5.00	110	106	102	108	104	101	103	100	97	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=1.1313]  
Remarks:

**ISOCANDELA DIAGRAM**

Test:U:220.15V I:0.6801A P:144.51W PF:0.9711 Freq:50.00Hz Lamp Flux:21717.7x1 lm		
NAME: GLM-MXHB150	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.:	SUR.:	Shielding Angle:



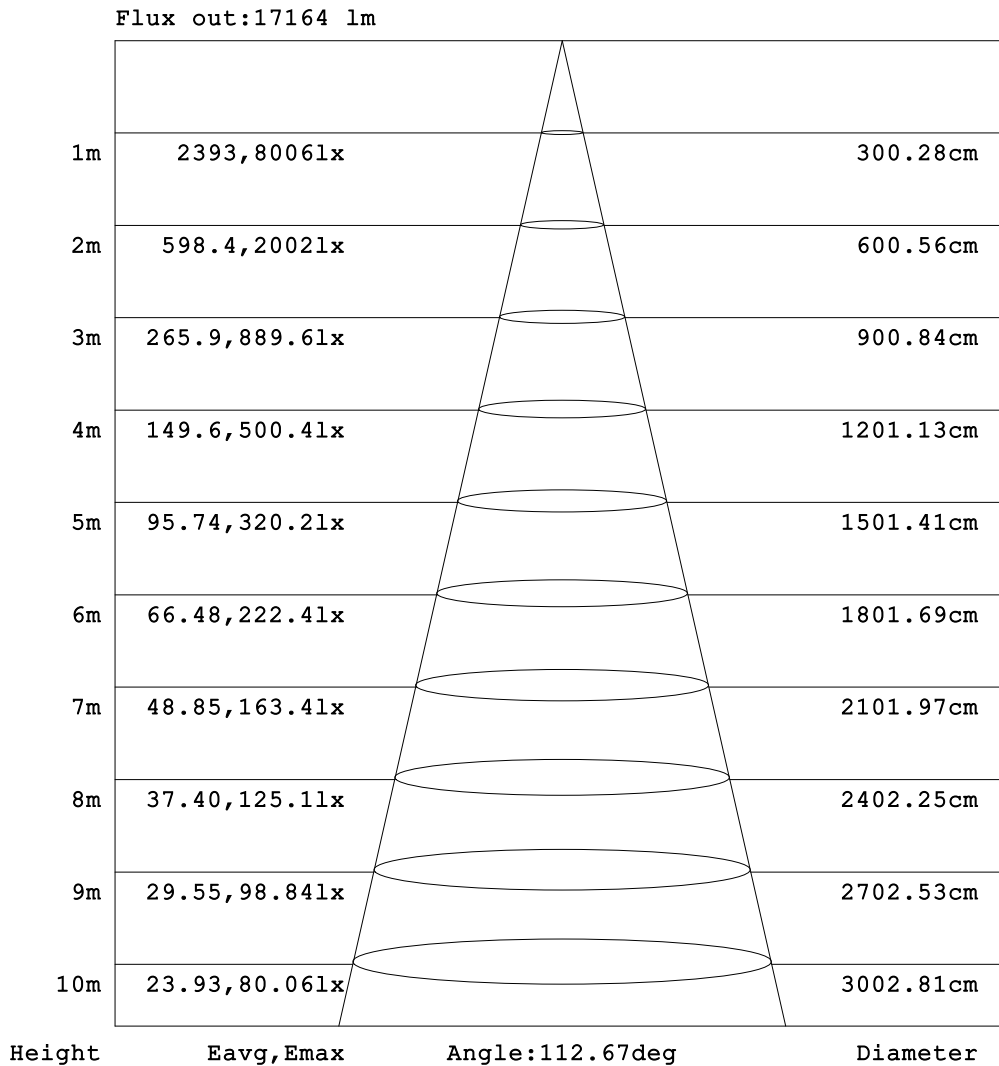
H(□) Range:-90 - 90DEG  
 H(□) Interval: 1.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2022-05-18

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=1.1313]  
 Remarks:



**AAI Figure**

Test:U:220.15V I:0.6801A P:144.51W PF:0.9711 Freq:50.00Hz Lamp Flux:21717.7x1 lm		
NAME: GLM-MXHB150	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.:	SUR.:	Shielding Angle:



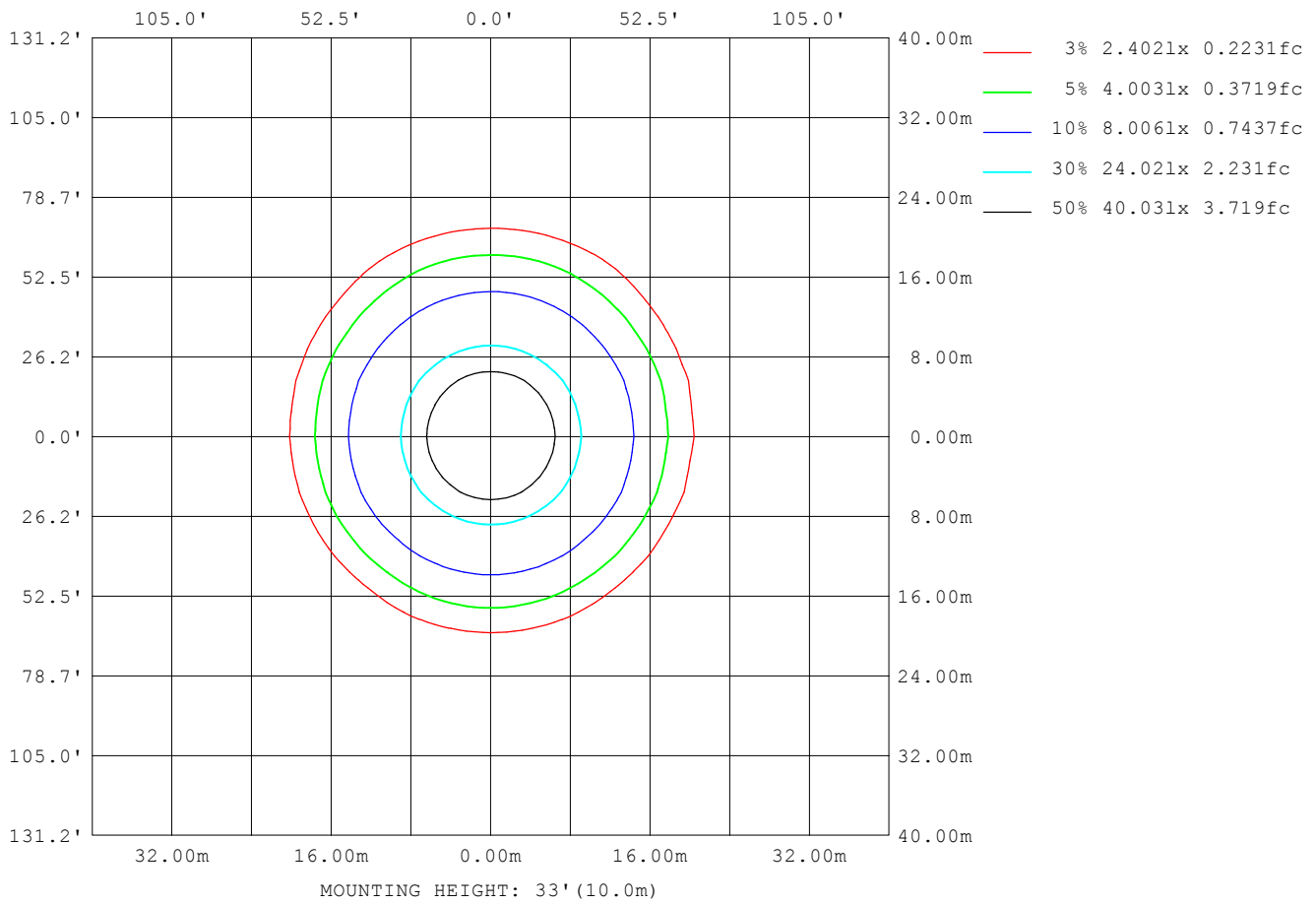
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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=1.1313]  
Remarks:

**ISOLUX DIAGRAM**

Test:U:220.15V I:0.6801A P:144.51W PF:0.9711 Freq:50.00Hz Lamp Flux:21717.7x1 lm		
NAME: GLM-MXHB150	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=1.1313]  
Remarks:

**LED Avg.L Report**

Test:U:220.15V I:0.6801A P:144.51W PF:0.9711 Freq:50.00Hz Lamp Flux:21717.7x1 lm		
NAME: GLM-MXHB150	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.:	SUR.:	Shielding Angle:

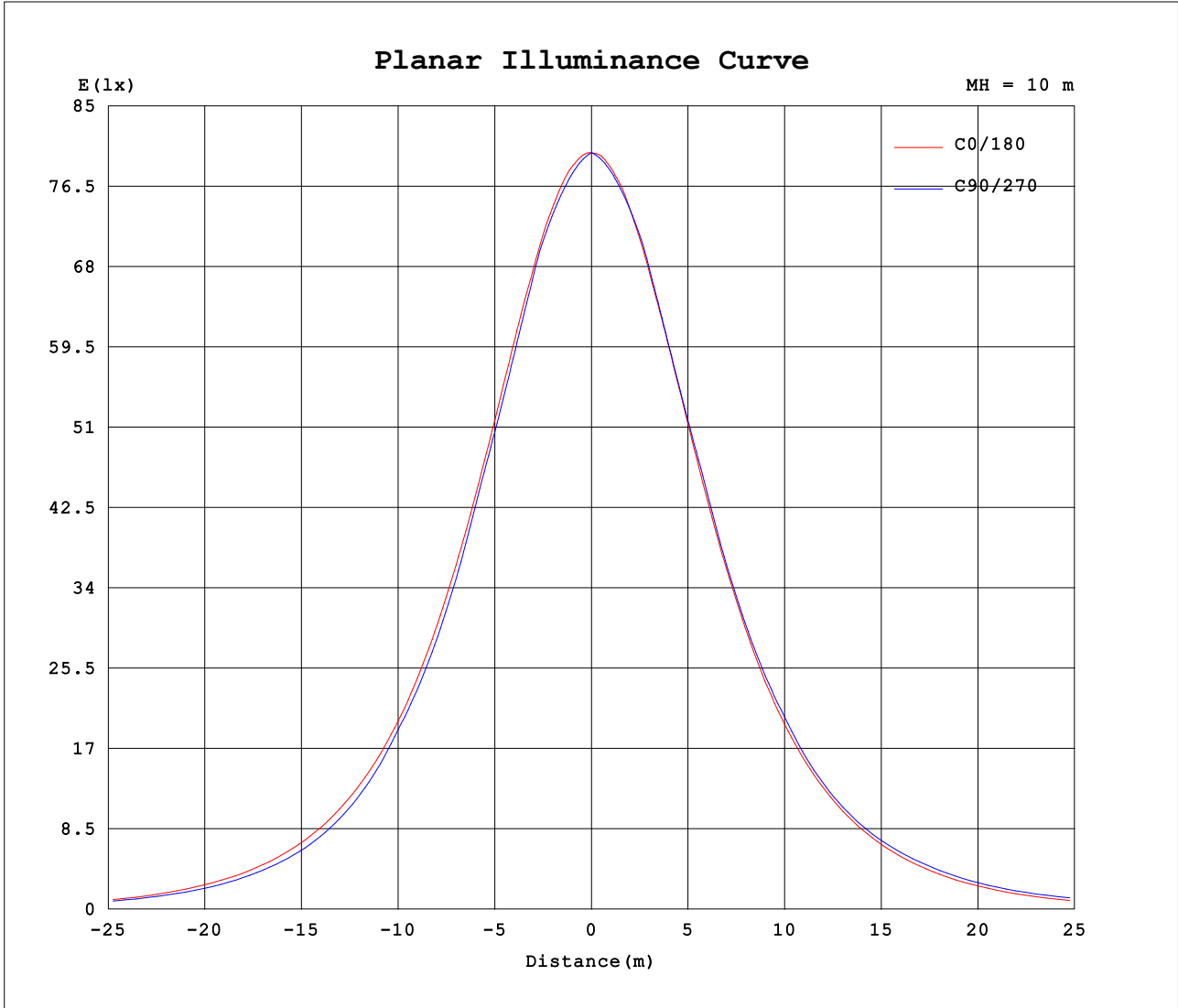
AvgL	cd/m2
L_0~180 (65) av	157579
L_0~180 (75) av	67852
L_0~180 (85) av	1898
L_90~270 (65) av	158629
L_90~270 (75) av	74122
L_90~270 (85) av	0
L_45 (65) av	154641
L_45 (75) av	86464
L_45 (85) av	0

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=1.1313]  
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=1.1313]  
 Remarks:

**LUMINOUS DISTRIBUTION INTENSITY DATA**

Test:U:220.15V I:0.6801A P:144.51W PF:0.9711 Freq:50.00Hz Lamp Flux:21717.7x1 lm		
NAME: GLM-MXHB150	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	8006	8006	8006	8006	8006	8006	8006	8006	8006	8006	8006	8006	8006	8006	8006	8006	8006	8006	8006
5	7981	7972	7965	7957	7950	7944	7938	7933	7929	7925	7922	7919	7917	7916	7914	7913	7913	7912	7912
10	7909	7892	7877	7864	7853	7844	7837	7831	7826	7822	7819	7817	7815	7812	7812	7812	7813	7815	7819
15	7784	7758	7737	7719	7705	7693	7683	7676	7674	7678	7684	7689	7694	7703	7710	7710	7712	7716	7725
20	7586	7553	7526	7506	7493	7488	7492	7501	7510	7510	7497	7480	7468	7455	7448	7441	7434	7432	7437
25	7329	7288	7259	7242	7236	7243	7258	7273	7229	7209	7192	7170	7160	7149	7150	7148	7144	7148	7148
30	7018	6967	6933	6916	6918	6935	6925	6886	6868	6848	6835	6841	6843	6850	6841	6856	6849	6863	6859
35	6634	6574	6540	6529	6543	6535	6494	6471	6459	6455	6472	6482	6457	6433	6403	6388	6375	6372	6366
40	6165	6102	6076	6082	6085	6033	6011	6011	6028	6029	5968	5942	5919	5904	5900	5884	5881	5877	5874
45	5638	5566	5545	5570	5518	5488	5481	5509	5458	5418	5392	5372	5371	5378	5383	5380	5382	5383	5381
50	5040	4962	4951	4933	4885	4891	4898	4821	4778	4777	4785	4798	4771	4726	4688	4659	4643	4633	4627
55	4342	4260	4269	4207	4191	4194	4112	4079	4082	4094	4030	3980	3939	3916	3903	3884	3878	3877	3873
60	3549	3453	3444	3384	3400	3298	3272	3295	3229	3169	3129	3109	3099	3105	3112	3108	3111	3120	3119
65	2604	2496	2458	2464	2403	2346	2345	2312	2269	2240	2228	2237	2255	2263	2259	2243	2232	2230	2226
70	1563	1500	1482	1470	1423	1428	1399	1366	1347	1402	1426	1430	1423	1407	1387	1365	1346	1337	1333
75	712	689	694	666	677	642	637	691	715	716	691	654	609	564	524	489	462	445	440
80	205	203	199	202	201	224	223	197	147	134	124	109	89.1	67.7	46.7	27.8	12.8	3.26	0.00
85	12.6	35.0	35.0	42.5	27.9	12.1	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	12.2	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=1.1313]  
Remarks:



LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.15V I:0.6801A P:144.51W PF:0.9711 Freq:50.00Hz Lamp Flux:21717.7x1 lm		
NAME: GLM-MXHB150	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	8006	8006	8006	8006	8006	8006	8006	8006	8006	8006	8006	8006	8006	8006	8006	8006	8006	8006	8006
5	7964	7959	7955	7952	7949	7946	7945	7943	7943	7942	7941	7941	7940	7939	7938	7937	7937	7937	7938
10	7876	7868	7862	7859	7853	7850	7847	7846	7848	7851	7854	7856	7860	7865	7869	7871	7868	7866	7864
15	7715	7706	7700	7699	7703	7711	7721	7730	7739	7748	7756	7767	7776	7782	7792	7803	7799	7793	7788
20	7493	7487	7490	7502	7520	7537	7554	7576	7585	7575	7562	7555	7550	7550	7553	7557	7552	7551	7556
25	7231	7226	7237	7257	7281	7316	7299	7295	7280	7279	7284	7286	7293	7294	7307	7311	7306	7309	7311
30	6901	6907	6928	6963	6966	6951	6947	6944	6959	6970	6987	7004	7023	7038	7052	7068	7059	7068	7057
35	6506	6525	6570	6576	6551	6554	6557	6586	6608	6648	6632	6629	6623	6627	6625	6634	6626	6636	6633
40	6047	6085	6123	6094	6092	6112	6148	6174	6156	6144	6151	6152	6160	6175	6185	6193	6193	6200	6194
45	5518	5574	5553	5556	5586	5638	5620	5605	5614	5630	5651	5674	5696	5726	5745	5752	5761	5763	5757
50	4932	4956	4939	4968	5012	4996	5002	5030	5059	5099	5109	5101	5094	5097	5098	5101	5105	5111	5117
55	4262	4247	4273	4313	4291	4313	4361	4416	4390	4383	4381	4400	4410	4421	4435	4445	4450	4455	4456
60	3468	3450	3509	3492	3528	3604	3574	3568	3588	3615	3647	3692	3725	3749	3772	3789	3794	3800	3795
65	2494	2535	2541	2602	2660	2641	2646	2701	2769	2833	2846	2856	2862	2859	2861	2865	2869	2876	2884
70	1481	1526	1588	1633	1665	1681	1728	1812	1877	1901	1910	1913	1922	1924	1930	1936	1943	1947	1952
75	667	703	750	764	816	897	949	977	994	992	987	979	985	990	1000	1007	1018	1017	1020
80	148	175	197	247	277	273	242	246	243	222	188	146	103	61.8	29.0	7.46	0.00	7.53	29.5
85	0.00	8.23	0.00	0.20	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=1.1313]  
Remarks:

**LUMINOUS DISTRIBUTION INTENSITY DATA**

Test:U:220.15V I:0.6801A P:144.51W PF:0.9711 Freq:50.00Hz Lamp Flux:21717.7x1 lm		
NAME: GLM-MXHB150	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	8006	8006	8006	8006	8006	8006	8006	8006	8006	8006	8006	8006	8006	8006	8006				
5	7938	7938	7939	7939	7941	7942	7945	7947	7950	7953	7957	7961	7965	7970	7975				
10	7862	7864	7867	7868	7866	7865	7865	7864	7865	7866	7869	7874	7880	7888	7898				
15	7794	7796	7784	7772	7761	7754	7746	7738	7733	7732	7733	7736	7742	7752	7766				
20	7567	7567	7569	7579	7590	7598	7597	7581	7564	7549	7539	7536	7539	7548	7564				
25	7310	7307	7306	7306	7305	7312	7324	7334	7361	7332	7303	7286	7282	7287	7302				
30	7054	7041	7037	7020	7016	7002	6994	6995	7002	7031	7029	6994	6973	6970	6985				
35	6643	6655	6663	6688	6698	6665	6639	6621	6614	6618	6645	6639	6597	6584	6597				
40	6194	6199	6194	6196	6199	6210	6231	6212	6185	6165	6165	6190	6158	6126	6128				
45	5748	5733	5719	5695	5679	5668	5674	5691	5724	5670	5645	5636	5660	5608	5597				
50	5128	5129	5138	5157	5145	5120	5099	5077	5086	5119	5072	5035	5046	5022	4998				
55	4462	4452	4445	4442	4444	4462	4481	4445	4412	4396	4422	4376	4346	4356	4306				
60	3793	3770	3753	3725	3699	3684	3669	3675	3702	3637	3610	3642	3576	3565	3517				
65	2899	2905	2923	2932	2935	2893	2821	2764	2749	2775	2723	2673	2708	2604	2569				
70	1961	1962	1971	1977	1985	1977	1927	1841	1783	1754	1710	1659	1628	1584	1551				
75	1025	1022	1026	1034	1046	1057	1047	1019	959	879	826	810	757	746	712				
80	64.2	107	154	200	237	263	271	270	305	313	287	242	221	203	198				
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.63	0.00	17.9	0.00	0.10				
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=1.1313]  
Remarks: