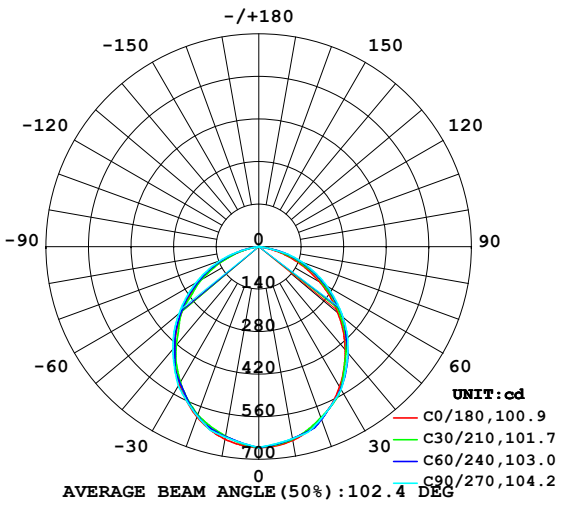
LUMINAIRE PHOTOMETRIC TEST REPORT

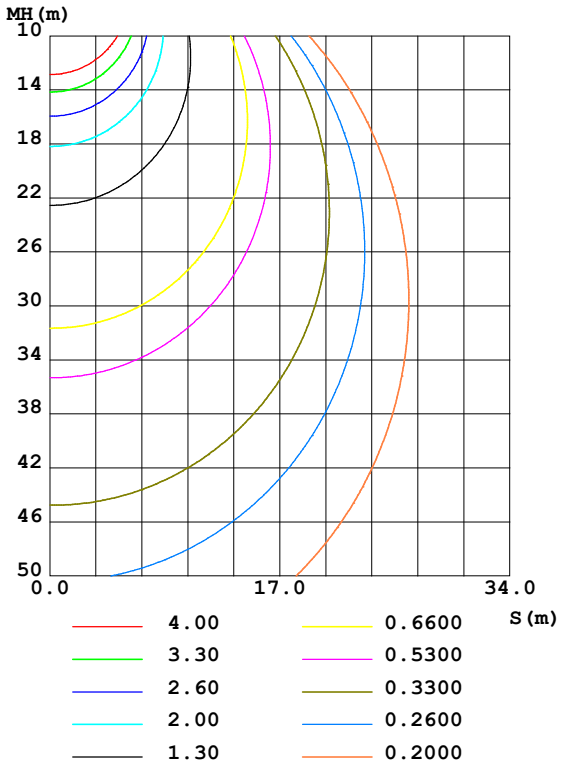
Test:U:219.03V I:0.0663A P:14.694W PF:0.9644 Freq:49.99Hz Lamp Flux:1624.07x1 lm		
NAME: GLM-DOS260D-3000K-15W	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 110.52 lm/W			
MODEL		Imax(cd)	661.2	S/MH(C0/180)	1.18
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	1.20
RATED VOLTAGE(V)	220.0	TOTAL FLUX(lm)	1624.1	η UP,DN(C0-180)	0.0,51.0
NOMINAL FLUX(lm)	1624.07	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,49.0
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	220	η down(%)	100.0	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:28 September 2023

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:8.000m [K=1.0875]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	647.2	641.6	641.6	636.9	643.2	633.2	636.6	638.3	0- 10	61.82	61.82	3.81,3.81
20	602.7	608.2	602.1	598.2	595.7	590.5	592.7	601.9	10- 20	175.3	237.1	14.6,14.6
30	532.4	535.1	542.6	526.3	522.7	515.3	529.6	526.0	20- 30	259.8	496.9	30.6,30.6
40	443.0	453.0	456.1	446.0	431.6	431.8	439.8	441.3	30- 40	304.0	800.9	49.3,49.3
50	340.7	350.9	361.5	345.6	329.7	330.0	343.2	337.2	40- 50	302.7	1104	68,68
60	231.0	246.4	258.7	240.7	222.9	224.7	239.6	231.0	50- 60	258.8	1362	83.9,83.9
70	118.5	141.9	153.4	133.1	114.4	118.2	134.3	124.3	60- 70	180.6	1543	95,95
80	12.81	37.75	0	28.87	10.86	18.66	0	21.59	70- 80	78.93	1622	99.9,99.9
90	0	0	0	0	0	0	0	0	80- 90	2.139	1624	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): 955.12 lm

%lum = 58.8%
%lamp = 58.8%

Conical surface Flux(120deg): 1362.4 lm

%lum = 83.9%
%lamp = 83.9%

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:28 September 2023

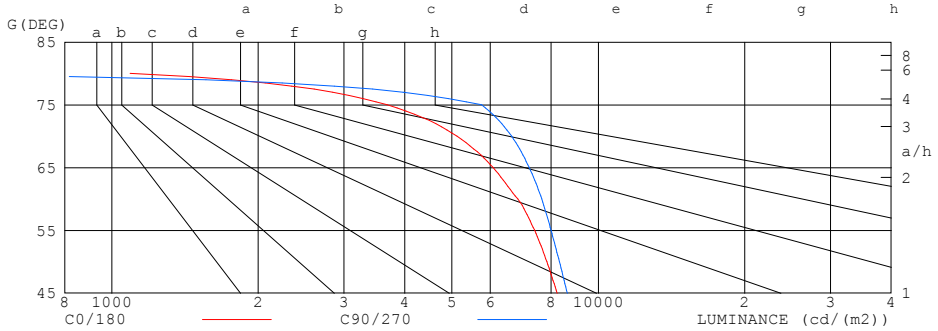
V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:8.000m [K=1.0875]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:219.03V I:0.0663A P:14.694W PF:0.9644 Freq:49.99Hz Lamp Flux:1624.07x1 lm		
NAME: GLM-DOS260D-3000K-15W	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:

LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
1.15	A	2000	1000	500	<=300				
1.50	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.20	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	0	0
80	1091	0
75	3682	5754
70	5123	6634
65	6077	7212
60	6835	7655
55	7397	7997
50	7841	8320
45	8226	8636

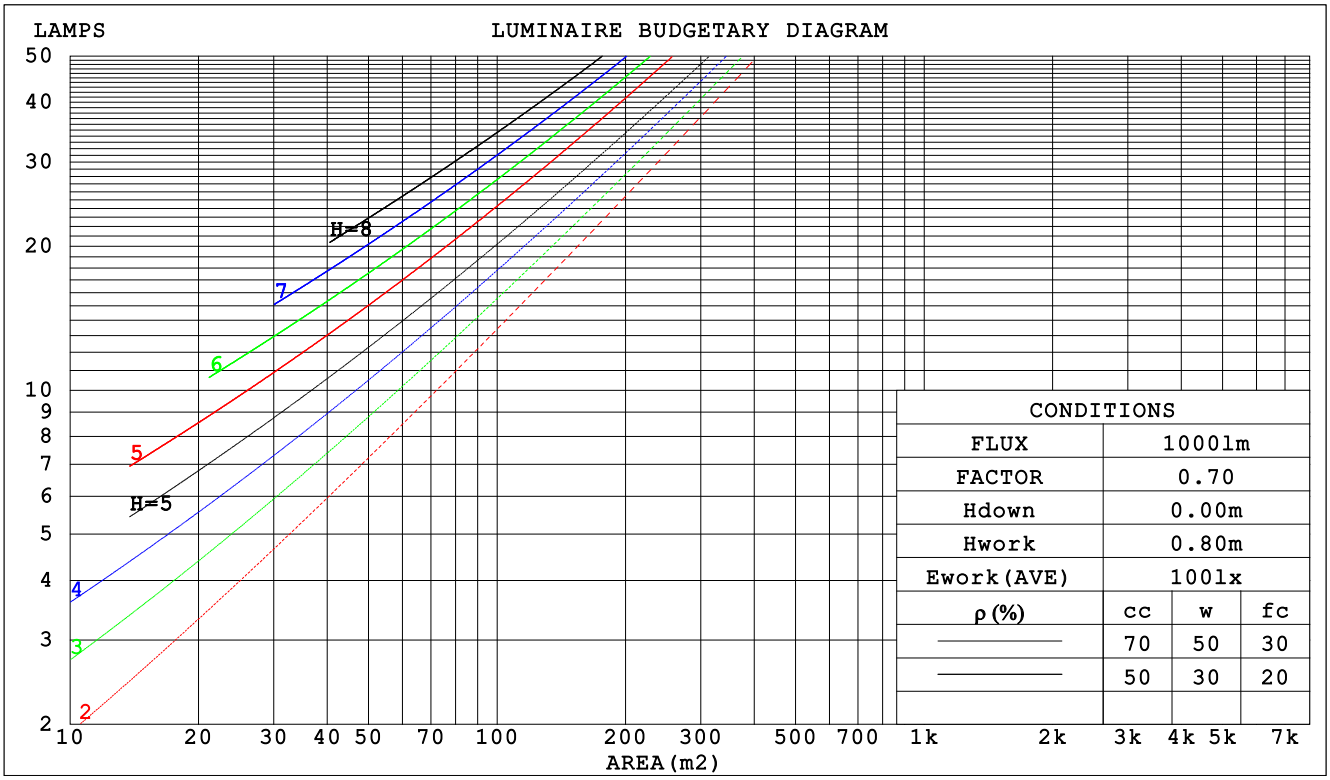
H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:28 September 2023

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:8.000m [K=1.0875]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:219.03V I:0.0663A P:14.694W PF:0.9644 Freq:49.99Hz Lamp Flux:1624.07x1 lm		
NAME: GLM-DOS260D-3000K-15W	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	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	.98	1.03	.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	.68	.78	.71	.66	.75	.70	.65	.72	.68	.64	.62
4.0	.73	.65	.58	.72	.64	.58	.69	.62	.57	.67	.61	.56	.65	.60	.56	.53
5.0	.65	.57	.50	.64	.56	.50	.62	.55	.50	.60	.54	.49	.58	.53	.49	.46
6.0	.59	.50	.44	.58	.50	.44	.56	.49	.44	.55	.48	.43	.53	.47	.43	.41
7.0	.54	.45	.39	.53	.45	.39	.51	.44	.39	.50	.43	.38	.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	.32	.43	.36	.31	.42	.36	.31	.41	.35	.31	.29
10.0	.42	.34	.29	.41	.34	.29	.40	.33	.29	.39	.33	.28	.38	.33	.28	.27



H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:28 September 2023

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:8.000m [K=1.0875]
Remarks:

WEC AND CCEC

Test:U:219.03V I:0.0663A P:14.694W PF:0.9644 Freq:49.99Hz Lamp Flux:1624.07x1 lm		
NAME: GLM-DOS260D-3000K-15W	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coeffcients(WEC)									
0.0																
1.0	.276	.157	.050	.269	.153	.049	.256	.147	.047	.244	.141	.045	.233	.135	.043	
2.0	.268	.147	.045	.262	.144	.045	.251	.139	.043	.240	.135	.042	.230	.130	.041	
3.0	.253	.135	.040	.247	.133	.040	.237	.129	.039	.228	.125	.038	.219	.121	.038	
4.0	.236	.123	.036	.231	.121	.036	.222	.118	.035	.214	.115	.035	.206	.112	.034	
5.0	.220	.112	.032	.216	.111	.032	.208	.108	.032	.200	.106	.031	.193	.103	.031	
6.0	.205	.103	.029	.202	.102	.029	.194	.100	.029	.188	.098	.029	.182	.096	.028	
7.0	.192	.095	.027	.189	.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	.161	.080	.023	.157	.078	.022	.152	.077	.022	
10.0	.159	.076	.021	.157	.076	.021	.152	.075	.021	.148	.074	.021	.144	.072	.021	

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	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	.067	.095	.068	.047	.055	.040	.028	.018	.013	.009	
4.0	.154	.101	.060	.132	.087	.052	.091	.061	.037	.052	.036	.022	.017	.012	.007	
5.0	.146	.090	.049	.126	.078	.042	.087	.055	.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(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:28 September 2023

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:8.000m [K=1.0875]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:219.03V I:0.0663A P:14.694W PF:0.9644 Freq:49.99Hz Lamp Flux:1624.07x1 lm		
NAME: GLM-DOS260D-3000K-15W	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	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	19.9	21.3	20.1	21.5	21.7	20.2	21.7	20.5	21.9	22.1
3H	21.0	22.3	21.3	22.6	22.8	21.6	23.0	21.9	23.2	23.4
4H	21.3	22.6	21.6	22.8	23.1	22.1	23.4	22.4	23.6	23.9
6H	21.3	22.5	21.7	22.8	23.1	22.2	23.4	22.5	23.6	23.9
8H	21.3	22.4	21.6	22.7	23.0	22.1	23.3	22.4	23.5	23.8
12H	21.2	22.3	21.6	22.6	22.9	22.1	23.2	22.4	23.5	23.8
4H 2H	20.4	21.7	20.8	22.0	22.2	20.8	22.0	21.1	22.3	22.5
3H	21.8	22.9	22.1	23.2	23.5	22.3	23.4	22.7	23.7	24.0
4H	22.2	23.2	22.5	23.5	23.8	22.9	23.9	23.3	24.2	24.6
6H	22.3	23.2	22.7	23.5	23.9	23.0	23.9	23.4	24.2	24.6
8H	22.2	23.1	22.6	23.4	23.8	22.9	23.8	23.4	24.1	24.5
12H	22.2	22.9	22.6	23.3	23.7	22.9	23.7	23.3	24.0	24.4
8H 4H	22.4	23.2	22.8	23.6	23.9	23.1	23.9	23.5	24.2	24.6
6H	22.5	23.2	23.0	23.6	24.0	23.2	23.9	23.6	24.3	24.7
8H	22.5	23.1	23.0	23.5	24.0	23.1	23.7	23.6	24.2	24.6
12H	22.5	23.0	23.0	23.4	23.9	23.1	23.6	23.6	24.1	24.5
12H 4H	22.3	23.1	22.8	23.5	23.9	23.0	23.8	23.5	24.2	24.6
6H	22.5	23.1	23.0	23.5	24.0	23.2	23.8	23.6	24.2	24.6
8H	22.5	23.0	23.0	23.5	23.9	23.1	23.6	23.6	24.1	24.5
Variations with the observer position at spacings:										
S = 1.0H	+ 0.3 / - 0.4					+ 0.2 / - 0.3				
1.5H	+ 0.3 / - 0.5					+ 0.1 / - 0.3				
2.0H	+ 0.3 / - 0.6					+ 0.3 / - 0.4				

CIE Pub.117, 1624 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 1.7)

H(β) Range:-90 - 90DEG	V(B) Range:-75 - 75DEG
H(β) Interval: 1.0DEG	V(B) Interval: 5.0DEG
Test Speed: HIGH	Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Temperature:25.3DEG	Humidity:65.0%
Operators:	Test Distance:8.000m [K=1.0875]
Test Date:28 September 2023	Remarks:

UTILIZATION FACTORS TABLE

Test:U:219.03V I:0.0663A P:14.694W PF:0.9644 Freq:49.99Hz Lamp Flux:1624.07x1 lm		
NAME: GLM-DOS260D-3000K-15W	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	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) x RCR = 5									
k = 0.60	60	49	42	59	49	42	58	48	42	36
0.80	70	59	52	69	59	52	68	58	52	45
1.00	79	68	61	78	68	61	75	69	61	54
1.25	86	76	69	84	75	69	82	74	68	61
1.50	91	82	75	89	81	75	86	79	73	66
2.00	97	89	84	95	88	83	92	86	81	74
2.50	101	94	88	99	92	87	95	90	86	78
3.00	104	98	93	102	96	92	98	93	90	82
4.00	108	103	99	105	101	97	101	98	95	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	

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H(β) Interval: 1.0DEG
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V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:8.000m [K=1.0875]
Remarks:

ISOCANDELA DIAGRAM

Test:U:219.03V I:0.0663A P:14.694W PF:0.9644 Freq:49.99Hz Lamp Flux:1624.07x1 lm		
NAME: GLM-DOS260D-3000K-15W	TYPE:LED	WEIGHT:
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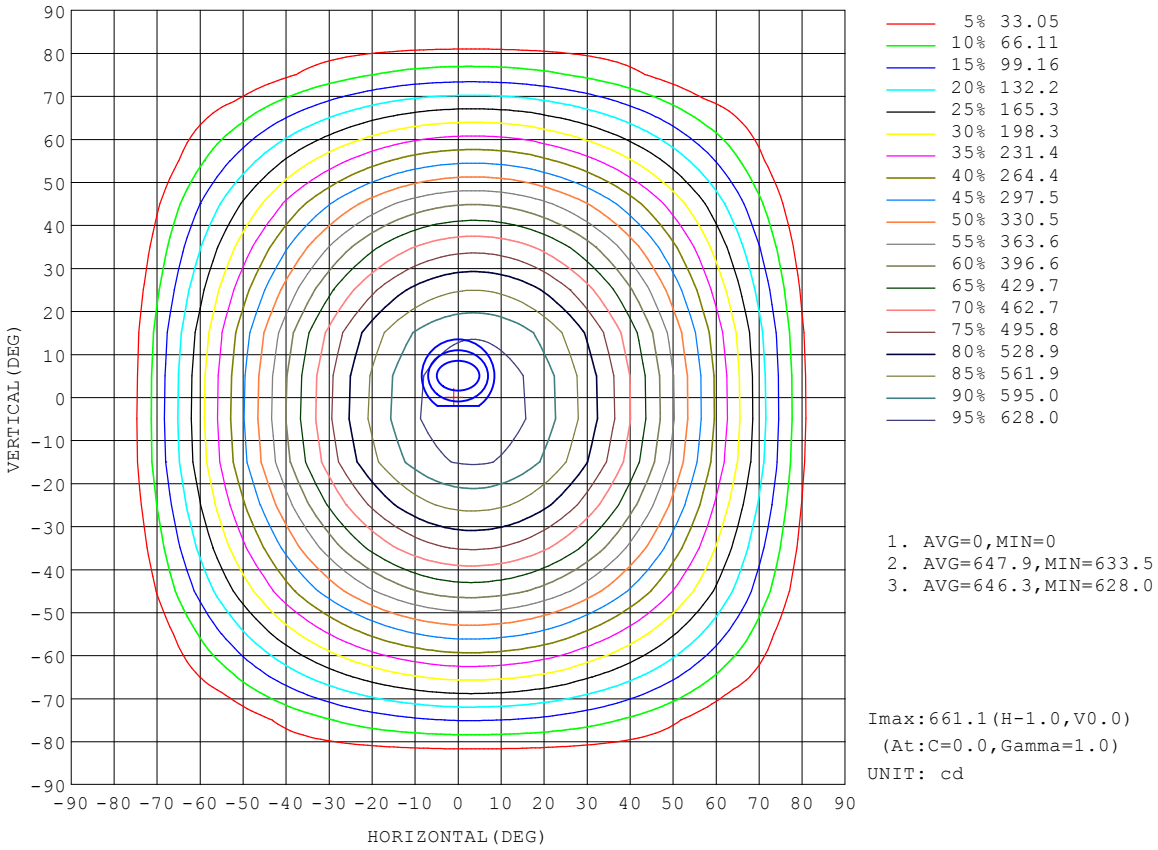

H(β) Range:-90 - 90DEG
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Test Speed: HIGH
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Operators:
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V(B) Range:-75 - 75DEG
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Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:8.000m [K=1.0875]
Remarks:

AAI Figure

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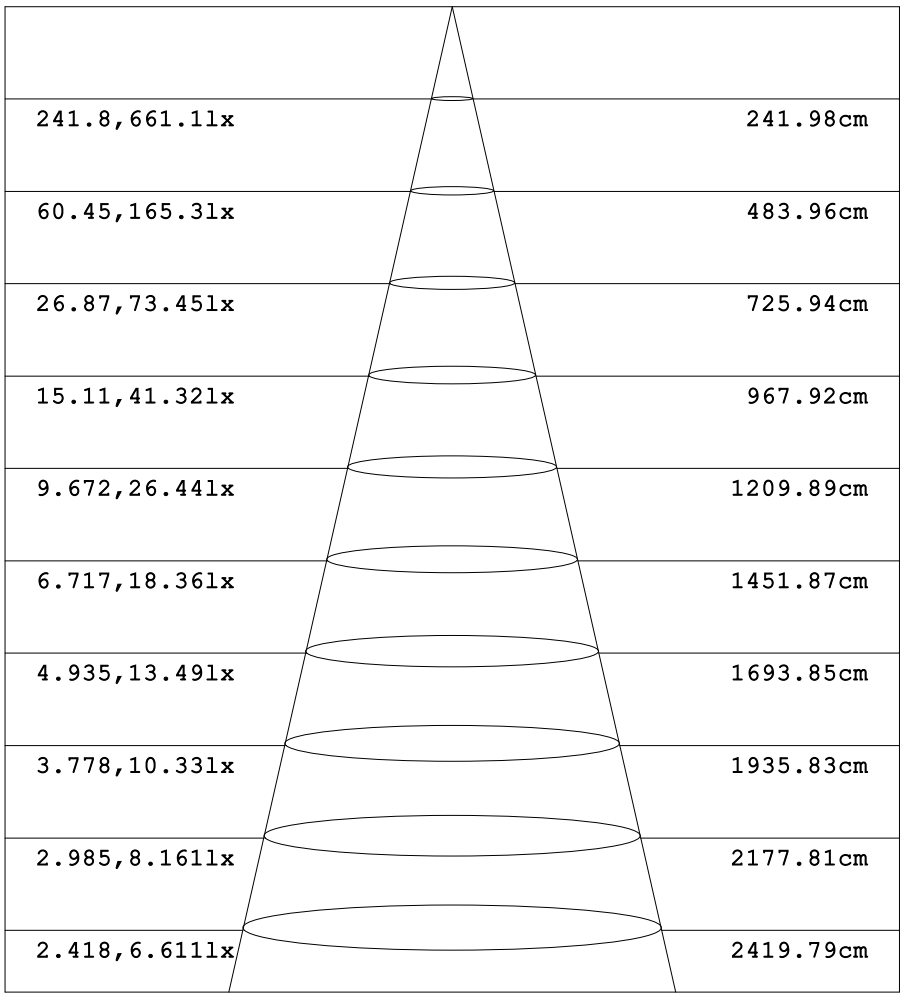
NAME: GLM-DOS260D-3000K-15W	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:

Flux out:1118 lm



Height	Eavg,Emax	Angle:100.85deg	Diameter
1m	241.8,661.1lx		241.98cm
2m	60.45,165.3lx		483.96cm
3m	26.87,73.45lx		725.94cm
4m	15.11,41.32lx		967.92cm
5m	9.672,26.44lx		1209.89cm
6m	6.717,18.36lx		1451.87cm
7m	4.935,13.49lx		1693.85cm
8m	3.778,10.33lx		1935.83cm
9m	2.985,8.161lx		2177.81cm
10m	2.418,6.611lx		2419.79cm

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

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:28 September 2023

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
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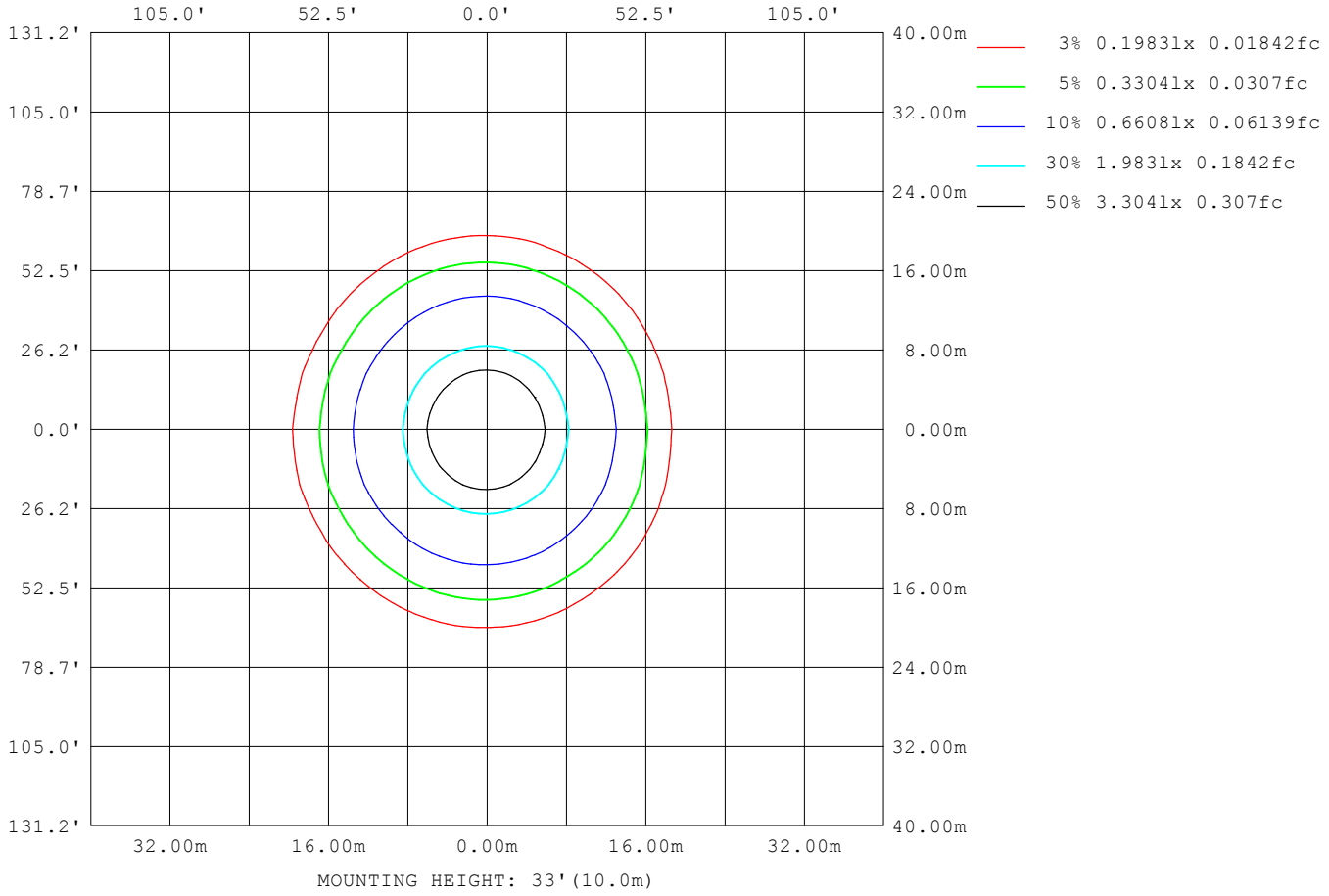
Test Distance:8.000m [K=1.0875]
Remarks:

C:\Users\Administrator\Desktop\GLM-DOS260D-3000K-15W\GLM-DOS260D-3000K-15W.GOS

ISOLUX DIAGRAM

Test:U:219.03V I:0.0663A P:14.694W PF:0.9644 Freq:49.99Hz Lamp Flux:1624.07x1 lm		
NAME: GLM-DOS260D-3000K-15W	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:



H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:28 September 2023

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:8.000m [K=1.0875]
Remarks:

C:\Users\Administrator\Desktop\GLM-DOS260D-3000K-15W\GLM-DOS260D-3000K-15W.GOS

LED Avg.L Report

Test:U:219.03V I:0.0663A P:14.694W PF:0.9644 Freq:49.99Hz Lamp Flux:1624.07x1 lm		
NAME: GLM-DOS260D-3000K-15W	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:

AvgL	cd/m2
L_0~180(65)av	5984
L_0~180(75)av	3564
L_0~180(85)av	0
L_90~270(65)av	6876
L_90~270(75)av	5211
L_90~270(85)av	0
L_45(65)av	6371
L_45(75)av	4413
L_45(85)av	0

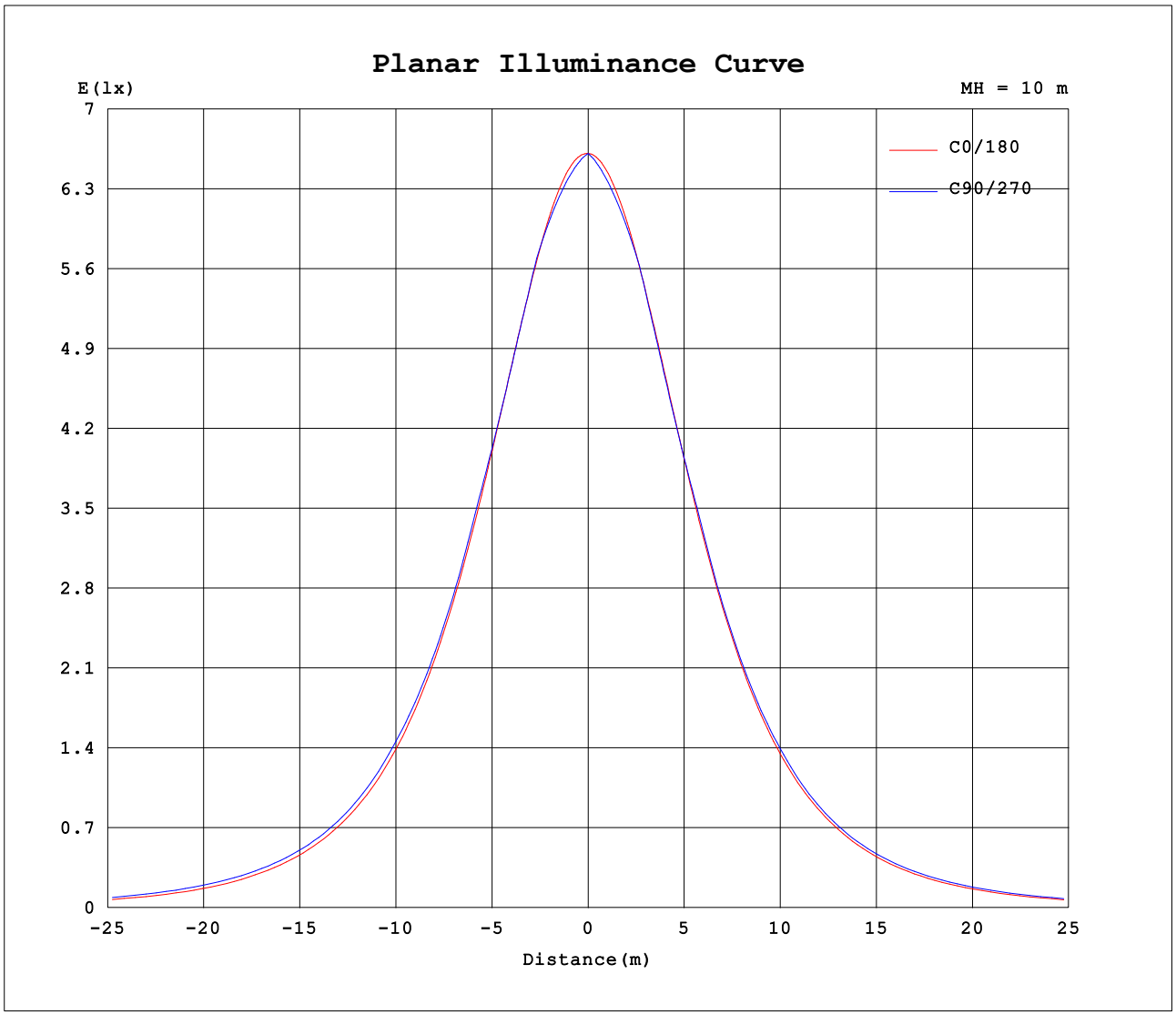
Standard: GB/T 29293-2012

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:28 September 2023

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:8.000m [K=1.0875]
Remarks:

C:\Users\Administrator\Desktop\GLM-DOS260D-3000K-15W\GLM-DOS260D-3000K-15W.GOS

Planar Illuminance Curve



H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:28 September 2023

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:8.000m [K=1.0875]
Remarks:

C:\Users\Administrator\Desktop\GLM-DOS260D-3000K-15W\GLM-DOS260D-3000K-15W.GOS

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.03V I:0.0663A P:14.694W PF:0.9644 Freq:49.99Hz Lamp Flux:1624.07x1 lm		
NAME: GLM-DOS260D-3000K-15W	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:

Table--1 UNIT: cd

γ (DEG) \ C(DEG)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	661	661	661	661	661	661	661	661	661	661	661	661	661	661	661	661	661	661	661
5	658	657	657	656	656	655	655	654	654	653	653	653	652	652	652	652	651	651	651
10	647	646	645	644	644	644	643	643	642	642	641	641	641	641	642	642	642	642	642
15	629	627	627	626	626	625	624	623	623	625	626	628	629	630	631	632	632	632	632
20	603	602	602	602	599	598	598	601	605	608	608	606	605	604	603	603	602	602	602
25	570	570	571	568	566	568	573	579	575	572	571	571	572	573	573	573	573	573	572
30	532	533	534	529	531	538	539	535	533	535	538	539	540	540	541	542	542	543	543
35	490	492	490	486	495	496	490	492	497	498	499	500	501	501	501	501	500	500	499
40	443	447	441	445	451	443	447	452	452	453	455	456	456	455	455	455	456	456	456
45	393	399	390	402	395	398	402	401	404	407	405	405	406	409	411	412	413	413	413
50	341	345	342	346	344	350	349	354	352	351	356	360	361	360	360	360	361	361	362
55	287	289	294	287	296	295	300	296	301	306	304	303	305	307	309	310	310	310	310
60	231	232	238	239	238	244	241	250	247	246	250	253	253	256	256	257	258	258	259
65	174	174	176	180	187	188	191	189	194	195	195	197	199	203	204	205	206	206	206
70	118	127	130	132	134	132	137	138	138	142	145	147	148	150	151	152	153	153	153
75	64.4	68.5	73.5	79.2	77.8	81.0	82.2	86.8	87.5	88.8	91.1	93.8	95.9	97.7	99.3	100	101	101	101
80	12.8	21.0	26.8	27.0	29.8	31.2	28.7	33.0	37.2	37.8	34.4	29.2	23.1	16.9	11.3	6.56	2.97	0.75	0.00
85	0.00	0.00	0.00	0.43	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(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:28 September 2023

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:8.000m [K=1.0875]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.03V I:0.0663A P:14.694W PF:0.9644 Freq:49.99Hz Lamp Flux:1624.07x1 lm		
NAME: GLM-DOS260D-3000K-15W	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:

Table--2 UNIT: cd

γ (DEG) \ C(DEG)	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185
0	661	661	661	661	661	661	661	661	661	661	661	661	661	661	661	661	661	661	661
5	651	651	650	650	650	650	650	650	650	651	651	652	652	653	653	654	655	656	655
10	641	641	641	640	640	639	638	638	637	636	636	635	636	637	638	639	641	643	641
15	631	630	629	628	626	625	623	622	621	620	618	617	615	614	615	617	620	623	619
20	602	602	601	601	600	600	600	599	598	596	595	594	591	588	585	587	591	596	590
25	571	570	569	568	567	567	567	567	566	564	564	561	560	558	553	551	556	562	555
30	542	541	539	537	534	531	528	526	526	528	526	524	522	521	518	512	515	523	514
35	498	497	496	495	495	495	496	490	484	481	482	483	479	477	478	470	470	479	468
40	456	455	453	451	449	446	444	444	446	441	433	433	435	430	430	426	421	432	419
45	412	410	408	406	404	402	399	395	390	391	394	384	382	384	378	381	369	382	367
50	361	360	359	357	354	351	349	347	346	339	335	340	331	330	329	328	320	330	317
55	309	308	306	304	302	301	299	295	291	289	288	279	284	275	280	273	270	277	267
60	258	257	255	253	250	246	242	241	241	237	231	231	224	229	219	219	218	223	215
65	205	204	202	200	198	196	194	190	185	181	180	175	174	168	172	170	167	168	164
70	153	152	150	148	145	142	139	135	133	132	126	120	122	117	111	109	109	114	105
75	99.9	98.7	97.1	95.2	93.1	90.7	88.2	85.6	82.1	77.1	71.7	71.1	67.0	65.5	61.2	59.2	59.0	60.3	55.0
80	0.74	2.91	6.32	10.7	15.8	20.9	25.4	28.6	28.9	25.4	22.8	21.9	23.0	19.0	10.8	8.68	7.29	10.9	4.39
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	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(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:28 September 2023

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:8.000m [K=1.0875]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.03V I:0.0663A P:14.694W PF:0.9644 Freq:49.99Hz Lamp Flux:1624.07x1 lm		
NAME: GLM-DOS260D-3000K-15W	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:

Table--3 UNIT: cd

γ (DEG) \ C(DEG)	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
0	661	661	661	661	661	661	661	661	661	661	661	661	661	661	661	661	661	661	661
5	654	653	652	651	650	650	649	649	648	648	648	648	648	648	648	648	649	649	649
10	638	636	635	633	632	633	633	633	634	634	635	635	635	636	636	636	637	637	637
15	615	613	611	611	612	614	615	616	616	617	618	619	620	621	622	623	624	624	625
20	585	583	584	586	588	588	589	591	591	591	591	591	592	592	592	592	593	593	593
25	549	550	553	554	554	556	556	556	557	556	556	556	557	558	559	560	561	562	562
30	509	513	515	515	515	516	517	515	514	515	518	521	524	526	528	529	530	530	530
35	467	473	470	471	473	471	469	472	476	481	480	480	480	481	482	483	484	485	486
40	422	424	423	426	422	421	428	432	429	428	430	432	435	437	438	439	440	440	440
45	376	372	375	372	373	381	377	375	379	383	385	386	388	390	392	393	395	396	396
50	323	321	321	320	327	321	325	330	330	331	334	336	338	340	342	342	343	343	343
55	267	272	265	273	266	274	274	275	278	282	283	284	286	287	289	290	291	292	292
60	213	211	219	212	218	216	222	225	224	225	229	232	235	237	238	239	240	240	240
65	163	164	158	162	163	167	166	169	173	177	178	180	182	183	185	186	187	187	187
70	102	103	107	111	109	113	118	118	119	122	125	128	130	132	133	134	134	134	134
75	53.1	53.4	57.0	57.4	61.3	59.8	64.5	68.1	70.5	72.4	74.4	76.4	78.1	79.5	80.5	81.2	81.7	81.7	81.4
80	4.31	8.12	13.6	18.8	18.5	13.3	14.5	18.7	20.1	18.9	16.1	12.4	8.59	5.12	2.36	0.60	0.00	0.61	2.39
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	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(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:28 September 2023

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:8.000m [K=1.0875]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.03V I:0.0663A P:14.694W PF:0.9644 Freq:49.99Hz Lamp Flux:1624.07x1 lm		
NAME: GLM-DOS260D-3000K-15W	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:

Table--4 UNIT: cd

γ (DEG) \ C(DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355
0	661	661	661	661	661	661	661	661	661	661	661	661	661	661	661
5	649	650	650	650	651	651	652	652	653	653	654	655	656	656	657
10	637	637	637	637	637	638	638	639	640	641	642	642	643	644	646
15	625	624	624	623	622	621	620	619	620	621	622	624	625	625	627
20	594	595	596	597	599	602	602	599	596	594	595	597	599	600	601
25	563	563	563	563	562	562	565	568	573	568	564	563	566	569	569
30	529	529	529	529	529	528	526	525	528	533	533	527	526	532	532
35	487	487	488	488	488	487	487	487	484	483	490	490	483	487	491
40	440	440	441	442	443	442	441	441	442	439	437	446	441	439	445
45	396	395	393	391	390	392	394	393	391	393	391	389	398	387	398
50	343	343	344	345	345	341	337	340	342	339	341	338	341	339	344
55	292	291	289	288	287	289	291	287	283	289	285	289	281	291	288
60	239	237	236	236	236	234	231	232	236	229	233	229	232	234	230
65	187	184	183	181	179	179	179	178	174	177	175	176	173	171	172
70	133	131	130	129	128	127	124	121	122	122	118	121	122	124	124
75	80.7	79.7	78.3	76.4	74.2	71.7	69.8	69.3	69.6	66.5	66.0	63.7	67.1	66.5	65.6
80	5.21	8.86	13.0	17.0	20.5	22.3	21.6	17.7	15.2	19.4	23.5	18.6	15.3	16.8	17.5
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	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(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:28 September 2023

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:8.000m [K=1.0875]
Remarks: