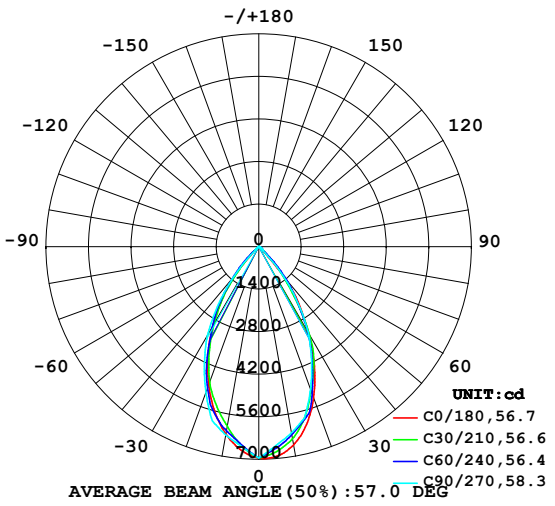
LUMINAIRE PHOTOMETRIC TEST REPORT

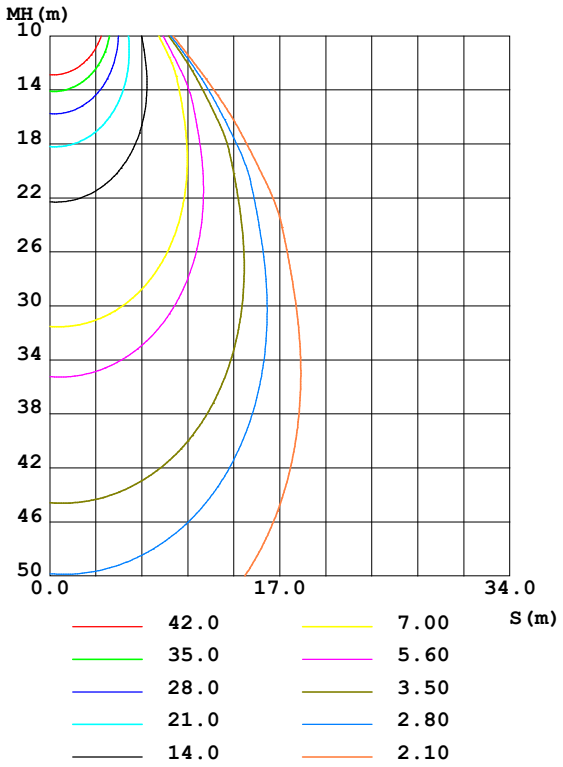
Test:U:219.79V I:0.1969A P:41.741W PF:0.9646 Freq:49.99Hz Lamp Flux:5849.65x1 lm		
NAME: GLM-PLS128CR1200(3030CW)4000K	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 140.14 lm/W			
MODEL		Imax(cd)	6974	S/MH(C0/180)	0.83
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	0.87
RATED VOLTAGE(V)	220.0	TOTAL FLUX(lm)	5849.6	η UP,DN(C0-180)	0.0,49.6
NOMINAL FLUX(lm)	5849.65	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,50.4
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	220	η down(%)	100.0	CIBSE SHR MAX	0.90

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 February 2025

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=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	6620	6332	6220	6019	6259	6063	6287	6382	0- 10	622.1	622.1	10.6,10.6
20	5289	5274	4991	4769	4831	4853	5103	5377	10- 20	1594	2217	37.9,37.9
30	3288	3178	3268	2903	3049	2983	3400	3297	20- 30	1865	4082	69.8,69.8
40	1213	1228	1217	1157	1133	1227	1251	1339	30- 40	1344	5425	92.7,92.7
50	68.71	241.1	131.9	229.2	41.97	223.6	117.5	230.1	40- 50	378.7	5804	99.2,99.2
60	0.0000	31.55	11.45	27.13	0	10.38	0.0000	13.91	50- 60	43.24	5847	100,100
70	0	0	3.815	0	0	0	0	0	60- 70	2.502	5850	100,100
80	0	0	0	0	0	0	0	0	70- 80	0.0964	5850	100,100
90	0	0	0	0	0	0	0	0	80- 90	0	5850	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): 5714.3 lm

%lum = 97.7%
%lamp = 97.7%

Conical surface Flux(120deg): 5847 lm

%lum = 100.0%
%lamp = 100.0%

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:28 February 2025

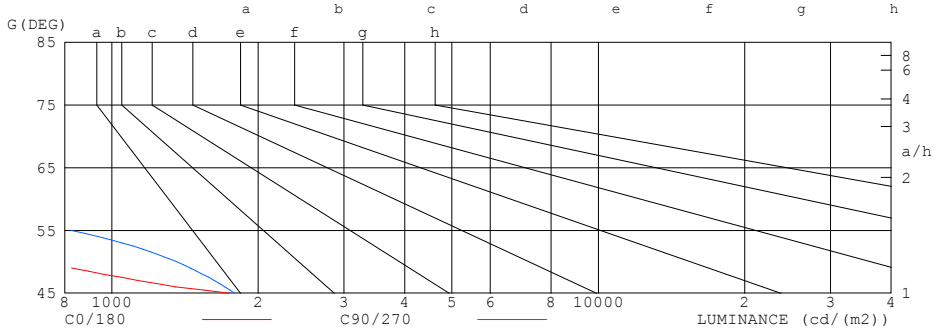
V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:8.000m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:219.79V I:0.1969A P:41.741W PF:0.9646 Freq:49.99Hz Lamp Flux:5849.65x1 lm		
NAME: GLM-PLS128CR1200(3030CW)4000K	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



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	0	0
80	0	0
75	0	0
70	0	74
65	0	119
60	0	152
55	228	822
50	708	1359
45	1743	1788

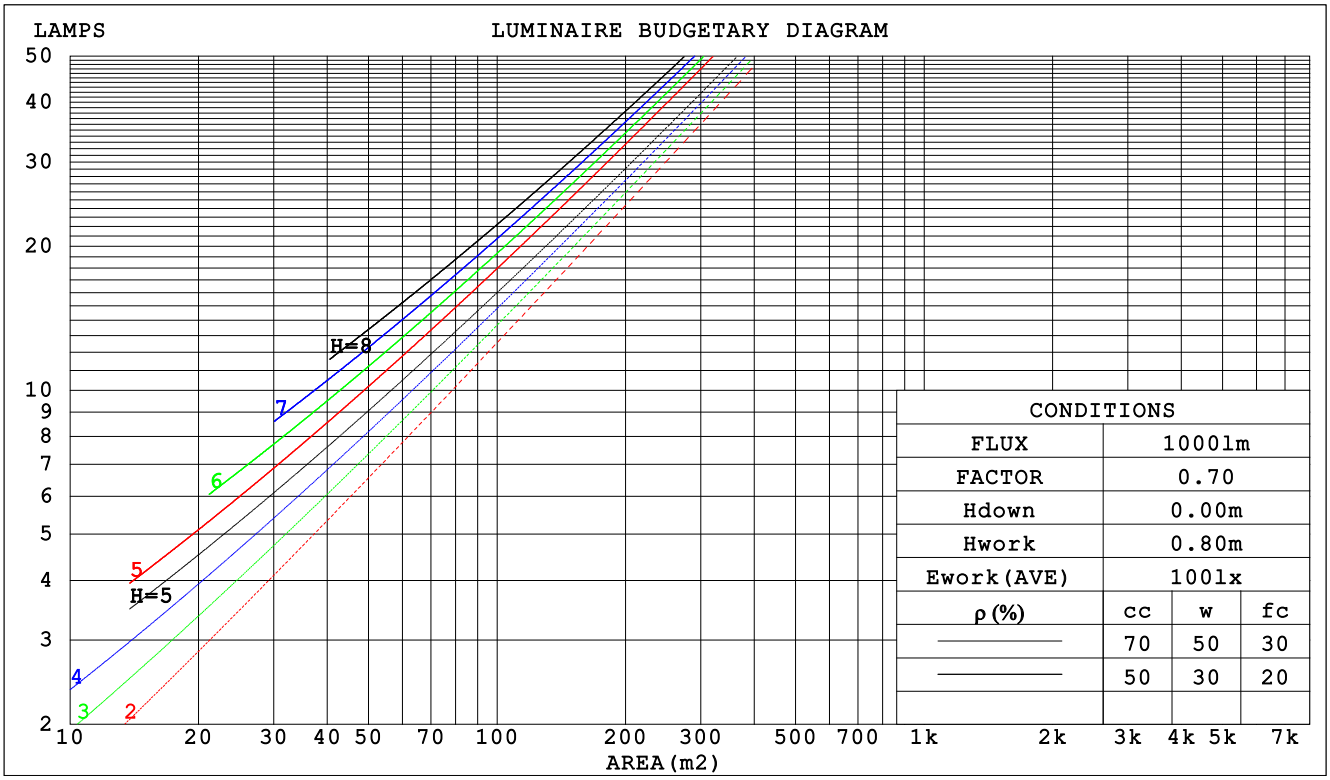
H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:28 February 2025

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=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:219.79V I:0.1969A P:41.741W PF:0.9646 Freq:49.99Hz Lamp Flux:5849.65x1 lm		
NAME: GLM-PLS128CR1200(3030CW)4000K	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	1.11	1.08	1.06	1.09	1.06	1.04	1.05	1.03	1.01	1.01	.00	.98	.97	.96	.95	.94
2.0	1.03	.99	.96	1.01	.98	.95	.98	.95	.93	.95	.93	.91	.92	.90	.89	.87
3.0	.96	.91	.87	.95	.90	.87	.92	.88	.85	.90	.87	.84	.87	.85	.83	.81
4.0	.90	.84	.80	.89	.84	.80	.87	.82	.79	.85	.81	.78	.83	.79	.77	.75
5.0	.84	.78	.74	.83	.78	.74	.81	.77	.73	.80	.76	.72	.78	.75	.72	.70
6.0	.79	.73	.69	.78	.72	.68	.77	.72	.68	.75	.71	.67	.74	.70	.67	.65
7.0	.74	.68	.64	.73	.68	.64	.72	.67	.63	.71	.66	.63	.70	.66	.63	.61
8.0	.70	.64	.60	.69	.63	.59	.68	.63	.59	.67	.62	.59	.66	.62	.59	.57
9.0	.66	.60	.56	.65	.60	.56	.64	.59	.56	.63	.59	.55	.63	.58	.55	.54
10.0	.62	.56	.52	.62	.56	.52	.61	.56	.52	.60	.55	.52	.59	.55	.52	.51



H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:28 February 2025

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=1.0000]
Remarks:

WEC AND CCEC

Test:U:219.79V I:0.1969A P:41.741W PF:0.9646 Freq:49.99Hz Lamp Flux:5849.65x1 lm		
NAME: GLM-PLS128CR1200(3030CW)4000K	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	.177	.101	.032	.170	.097	.031	.158	.090	.029	.146	.084	.027	.135	.078	.025	
2.0	.170	.093	.029	.164	.090	.028	.154	.085	.027	.144	.081	.025	.135	.076	.024	
3.0	.162	.086	.026	.158	.084	.025	.149	.080	.024	.140	.077	.024	.132	.073	.023	
4.0	.155	.081	.024	.151	.079	.023	.143	.076	.023	.136	.073	.022	.129	.070	.021	
5.0	.148	.075	.022	.145	.074	.022	.138	.072	.021	.131	.069	.021	.125	.067	.020	
6.0	.142	.071	.020	.138	.070	.020	.132	.068	.020	.127	.066	.019	.122	.064	.019	
7.0	.136	.067	.019	.133	.066	.019	.127	.064	.019	.122	.063	.018	.118	.061	.018	
8.0	.130	.063	.018	.127	.063	.018	.123	.061	.017	.118	.060	.017	.114	.059	.017	
9.0	.125	.060	.017	.122	.060	.017	.118	.058	.017	.114	.057	.016	.110	.056	.016	
10.0	.120	.057	.016	.118	.057	.016	.114	.056	.016	.110	.055	.016	.107	.054	.015	

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	.171	.157	.145	.146	.135	.125	.100	.093	.086	.058	.054	.050	.018	.017	.016	
2.0	.156	.132	.113	.134	.114	.097	.092	.079	.068	.053	.046	.040	.017	.015	.013	
3.0	.144	.114	.090	.123	.098	.078	.085	.068	.054	.049	.040	.032	.016	.013	.011	
4.0	.134	.099	.072	.115	.085	.063	.079	.060	.044	.046	.035	.026	.015	.011	.009	
5.0	.125	.087	.059	.107	.076	.052	.074	.053	.036	.043	.031	.022	.014	.010	.007	
6.0	.118	.078	.050	.101	.068	.043	.070	.047	.030	.041	.028	.018	.013	.009	.006	
7.0	.112	.071	.042	.096	.061	.036	.066	.043	.026	.039	.025	.015	.012	.008	.005	
8.0	.106	.064	.036	.091	.056	.031	.063	.039	.022	.037	.023	.013	.012	.008	.004	
9.0	.101	.059	.031	.087	.051	.027	.060	.036	.019	.035	.021	.011	.011	.007	.004	
10.0	.096	.055	.027	.083	.048	.024	.058	.034	.017	.034	.020	.010	.011	.007	.003	

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:28 February 2025

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=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:219.79V I:0.1969A P:41.741W PF:0.9646 Freq:49.99Hz Lamp Flux:5849.65x1 lm		
NAME: GLM-PLS128CR1200(3030CW)4000K	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	13.9	14.8	14.1	15.0	15.2	14.4	15.3	14.6	15.5	15.7
3H	13.7	14.6	14.0	14.8	15.0	14.2	15.1	14.5	15.3	15.5
4H	13.6	14.4	13.9	14.7	14.9	14.1	14.9	14.4	15.2	15.4
6H	13.5	14.3	13.8	14.5	14.8	14.0	14.8	14.3	15.0	15.3
8H	13.5	14.2	13.8	14.5	14.7	14.0	14.7	14.3	15.0	15.2
12H	13.4	14.1	13.7	14.4	14.7	13.9	14.6	14.3	14.9	15.2
4H 2H	13.6	14.4	13.9	14.7	14.9	14.1	14.9	14.4	15.2	15.4
3H	13.4	14.1	13.8	14.4	14.7	13.9	14.6	14.3	14.9	15.2
4H	13.3	14.0	13.7	14.3	14.6	13.8	14.5	14.2	14.8	15.1
6H	13.2	13.8	13.6	14.1	14.5	13.7	14.3	14.1	14.6	15.0
8H	13.2	13.7	13.6	14.1	14.4	13.7	14.2	14.1	14.6	14.9
12H	13.1	13.6	13.6	14.0	14.4	13.6	14.1	14.1	14.5	14.9
8H 4H	13.2	13.7	13.6	14.1	14.4	13.7	14.2	14.1	14.6	14.9
6H	13.1	13.5	13.5	13.9	14.3	13.6	14.0	14.0	14.4	14.8
8H	13.0	13.4	13.5	13.8	14.3	13.5	13.9	14.0	14.3	14.8
12H	13.0	13.3	13.4	13.7	14.2	13.5	13.8	14.0	14.2	14.7
12H 4H	13.1	13.6	13.6	14.0	14.4	13.6	14.1	14.1	14.5	14.9
6H	13.0	13.4	13.5	13.8	14.3	13.5	13.9	14.0	14.3	14.8
8H	13.0	13.3	13.4	13.7	14.2	13.5	13.8	14.0	14.2	14.7
Variations with the observer position at spacings:										
S = 1.0H	+ 3.2 / -24.6					+ 2.6 / -15.1				
1.5H	+ 5.8 / -14.4					+ 5.2 / -11.0				
2.0H	+ 5.5 / - 1.$					+ 3.8 / -44.9				

CIE Pub.117, 5850 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 6.1)

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=1.0000]
Test Date:28 February 2025	Remarks:

UTILIZATION FACTORS TABLE

Test:U:219.79V I:0.1969A P:41.741W PF:0.9646 Freq:49.99Hz Lamp Flux:5849.65x1 lm		
NAME: GLM-PLS128CR1200(3030CW)4000K	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	87	81	77	86	80	77	86	80	76	73
0.80	95	89	85	94	88	85	93	88	84	81
1.00	99	94	90	98	93	90	97	93	89	85
1.25	103	98	95	102	98	94	100	96	94	89
1.50	106	101	98	105	101	98	103	99	96	92
2.00	109	105	101	107	104	101	105	102	99	94
2.50	110	107	104	109	105	103	106	103	101	95
3.00	112	109	106	110	107	105	107	104	103	96
4.00	114	111	109	112	109	108	108	106	105	98
5.00	115	113	111	113	111	109	109	108	106	99
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004				Suspended					SHRNOM = 1.25	

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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=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:219.79V I:0.1969A P:41.741W PF:0.9646 Freq:49.99Hz Lamp Flux:5849.65x1 lm		
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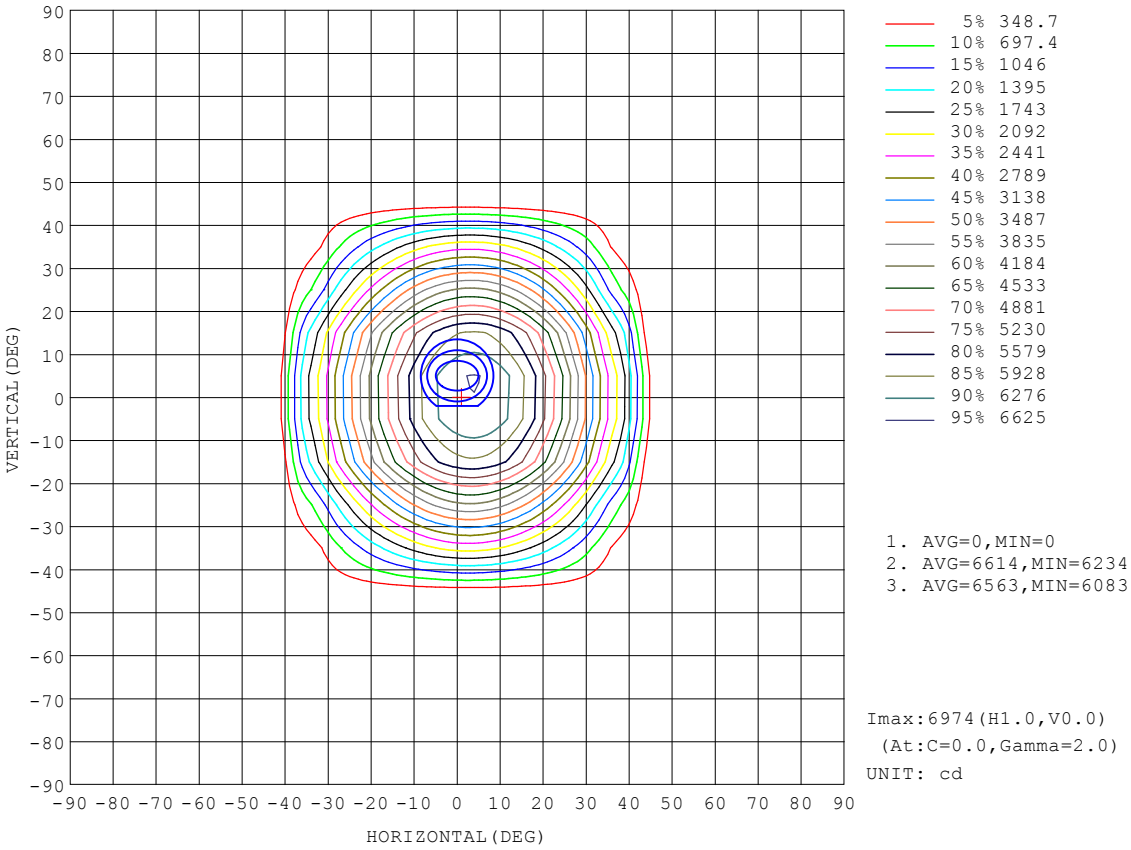


H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:28 February 2025

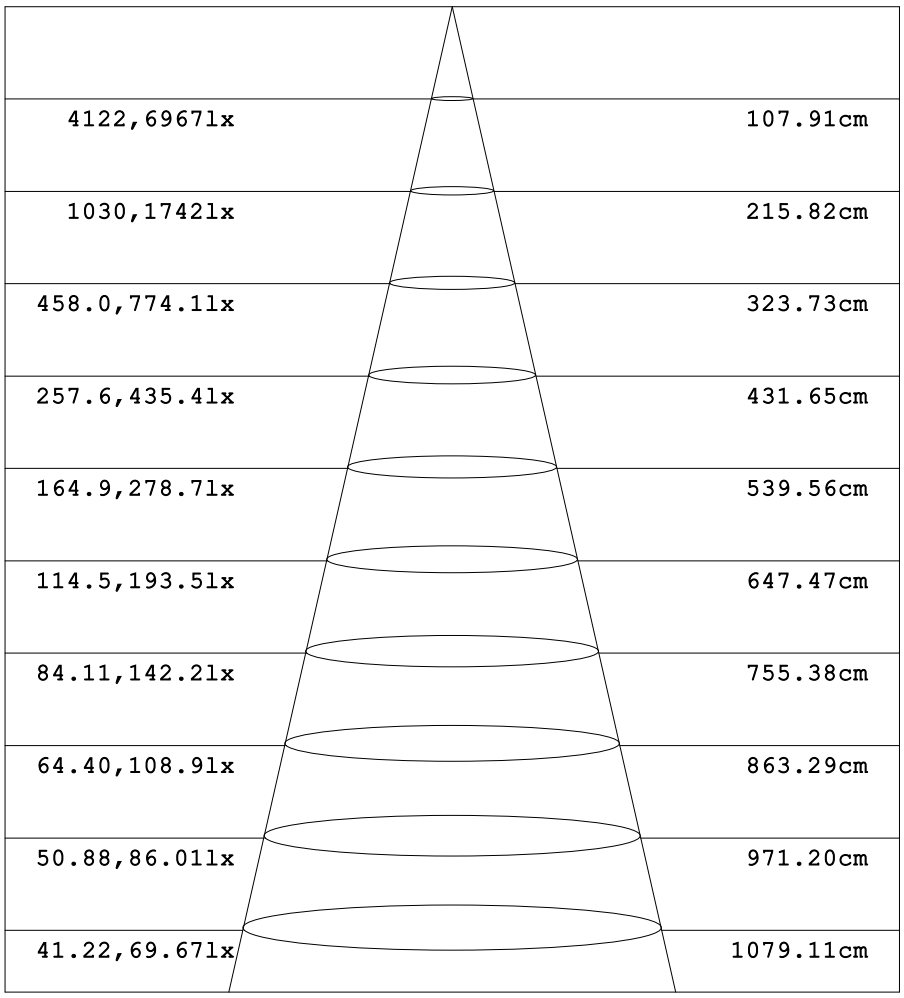
V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:8.000m [K=1.0000]
Remarks:

C:\Users\Administrator\Desktop\GLM-PLS128CR1200(3030CW)4000K\GLM-PLS128CR1200(3030CW)4000K.GOS

AAI Figure

Test:U:219.79V I:0.1969A P:41.741W PF:0.9646 Freq:49.99Hz Lamp Flux:5849.65x1 lm		
NAME: GLM-PLS128CR1200(3030CW)4000K	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:

Flux out:3817 lm



Height	Eavg,Emax	Angle:56.70deg	Diameter
1m	4122,6967lx		107.91cm
2m	1030,1742lx		215.82cm
3m	458.0,774.1lx		323.73cm
4m	257.6,435.4lx		431.65cm
5m	164.9,278.7lx		539.56cm
6m	114.5,193.5lx		647.47cm
7m	84.11,142.2lx		755.38cm
8m	64.40,108.9lx		863.29cm
9m	50.88,86.01lx		971.20cm
10m	41.22,69.67lx		1079.11cm

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

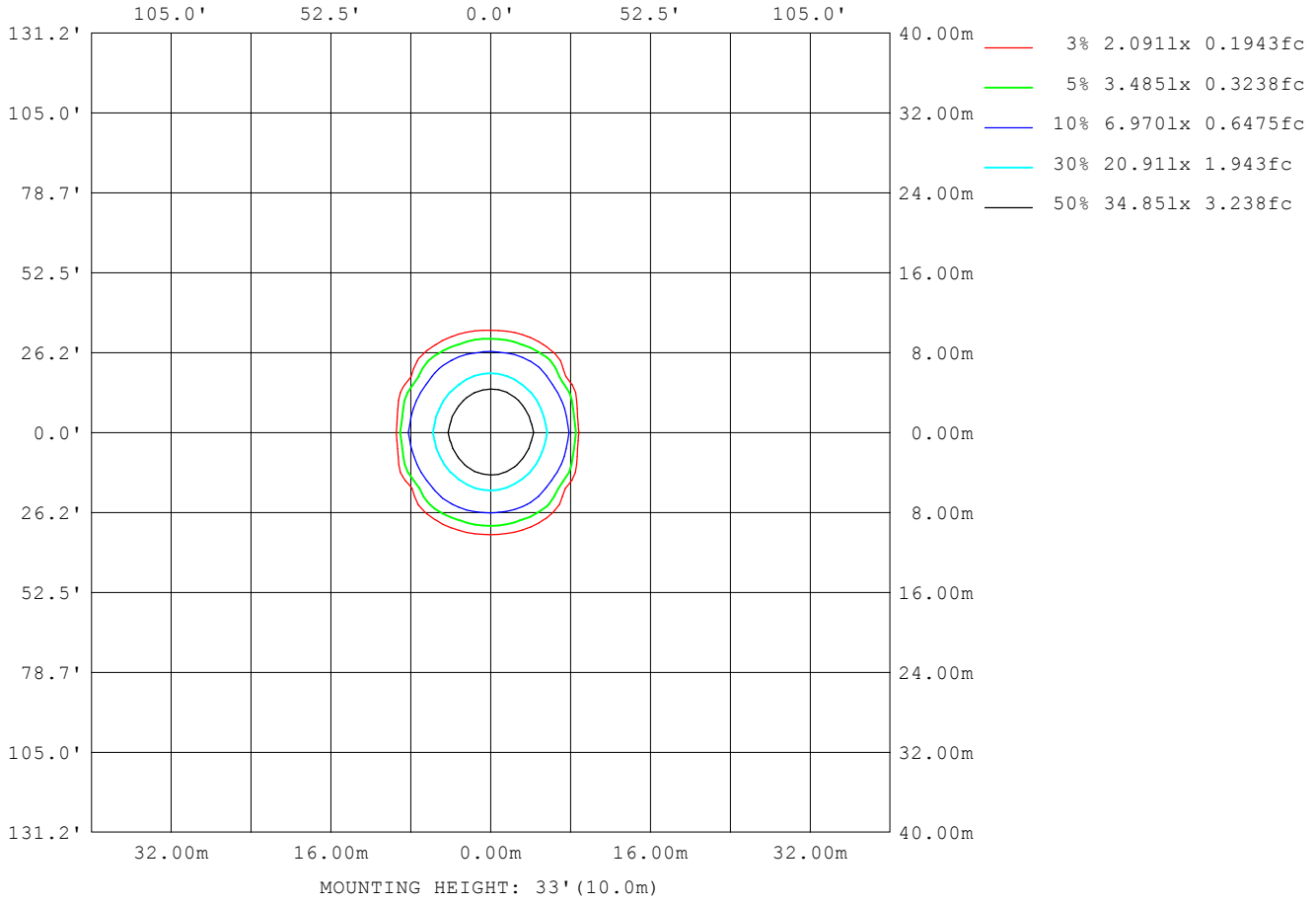
H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:28 February 2025

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=1.0000]
Remarks:

C:\Users\Administrator\Desktop\GLM-PLS128CR1200(3030CW)4000K\GLM-PLS128CR1200(3030CW)4000K.GOS

ISOLUX DIAGRAM

Test:U:219.79V I:0.1969A P:41.741W PF:0.9646 Freq:49.99Hz Lamp Flux:5849.65x1 lm		
NAME: GLM-PLS128CR1200(3030CW)4000K	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 February 2025

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=1.0000]
Remarks:

LED Avg.L Report

Test:U:219.79V I:0.1969A P:41.741W PF:0.9646 Freq:49.99Hz Lamp Flux:5849.65x1 lm		
NAME: GLM-PLS128CR1200(3030CW)4000K	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:

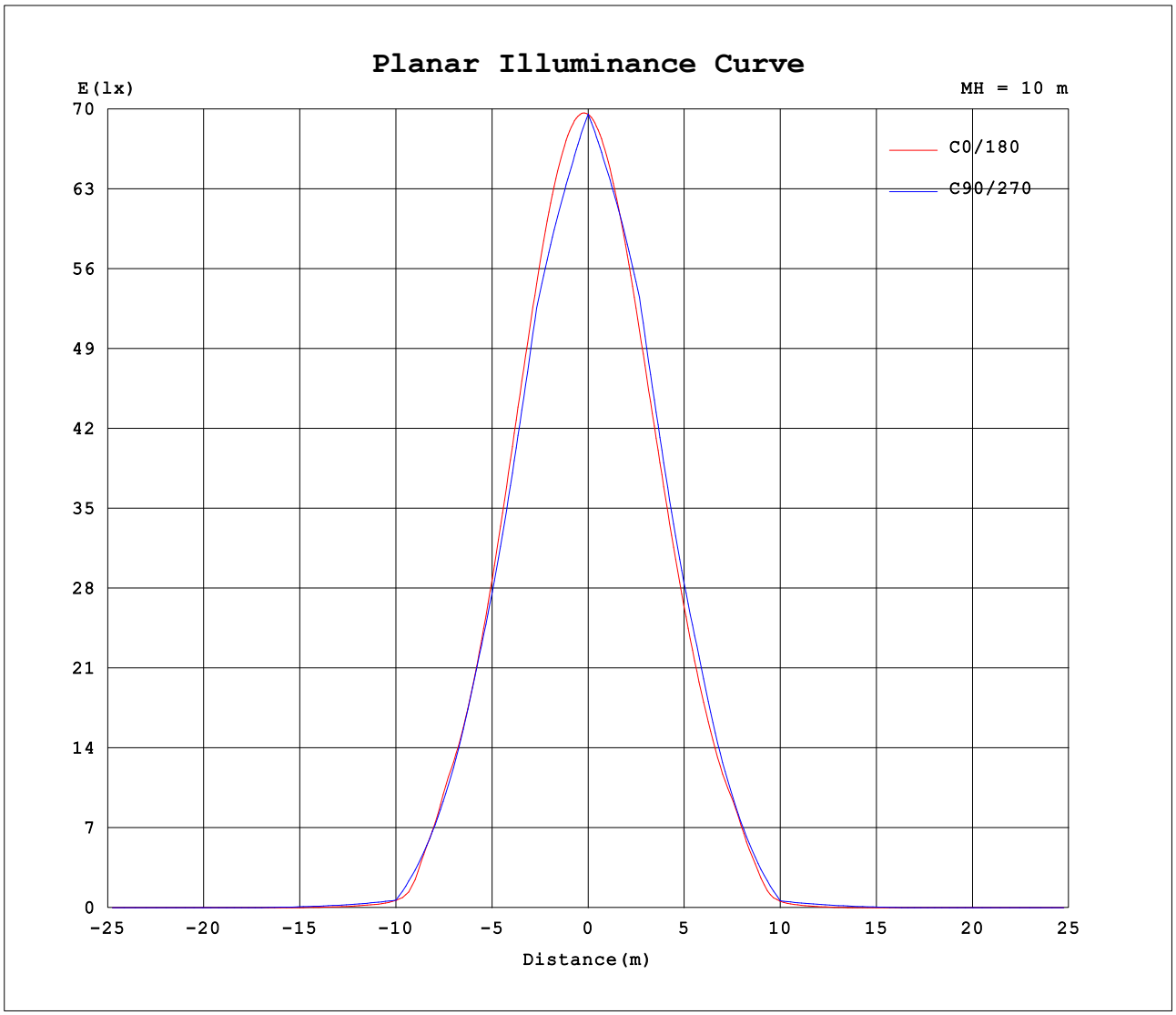
AvgL	cd/m2
L_0~180(65)av	0
L_0~180(75)av	0
L_0~180(85)av	0
L_90~270(65)av	59
L_90~270(75)av	0
L_90~270(85)av	0
L_45(65)av	86
L_45(75)av	0
L_45(85)av	0

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 February 2025

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=1.0000]
Remarks:

Planar Illuminance Curve



H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:28 February 2025

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=1.0000]
Remarks:

C:\Users\Administrator\Desktop\GLM-PLS128CR1200(3030CW)4000K\GLM-PLS128CR1200(3030CW)4000K.GOS

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.79V I:0.1969A P:41.741W PF:0.9646 Freq:49.99Hz Lamp Flux:5849.65x1 lm		
NAME: GLM-PLS128CR1200(3030CW)4000K	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	6955	6955	6955	6955	6955	6955	6955	6955	6955	6955	6955	6955	6955	6955	6955	6955	6955	6955	6955
5	6921	6891	6863	6836	6811	6787	6764	6744	6723	6704	6686	6669	6651	6636	6620	6604	6590	6576	6564
10	6620	6573	6532	6497	6467	6443	6421	6385	6355	6332	6312	6297	6285	6273	6263	6254	6244	6233	6220
15	6069	6016	5977	5953	5930	5871	5829	5799	5783	5802	5829	5853	5873	5887	5893	5890	5879	5860	5834
20	5289	5244	5223	5202	5118	5062	5048	5119	5196	5274	5266	5195	5141	5100	5069	5047	5026	5009	4991
25	4338	4310	4319	4221	4134	4167	4286	4421	4314	4227	4164	4157	4164	4174	4180	4179	4168	4148	4118
30	3288	3286	3274	3140	3147	3303	3331	3213	3143	3178	3214	3235	3214	3207	3220	3241	3261	3271	3268
35	2326	2313	2224	2103	2251	2264	2128	2149	2220	2215	2179	2155	2211	2249	2270	2281	2276	2260	2237
40	1213	1288	1148	1220	1365	1205	1208	1250	1202	1228	1350	1417	1415	1382	1334	1292	1254	1229	1217
45	186	236	186	269	313	459	500	361	532	702	733	701	640	556	456	355	269	212	191
50	68.7	76.9	74.0	85.0	90.7	113	112	161	209	241	250	174	124	125	127	128	129	130	132
55	19.7	22.3	26.3	23.0	35.1	38.6	54.0	57.9	69.4	66.6	71.3	72.2	72.2	73.0	73.1	72.9	72.2	71.8	71.2
60	0.00	0.22	0.44	2.09	0.11	9.35	9.45	15.3	26.2	31.5	34.3	33.9	29.1	24.8	21.0	17.4	14.3	12.3	11.4
65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	7.92	10.2	5.93	0.00	0.00	1.30	3.96	5.79	6.99	7.59	7.57
70	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	0.45	1.86	2.81	3.42	3.75	3.82
75	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	0.02	0.23	0.24	0.14	0.04	0.00
80	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
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 February 2025

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=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.79V I:0.1969A P:41.741W PF:0.9646 Freq:49.99Hz Lamp Flux:5849.65x1 lm		
NAME: GLM-PLS128CR1200(3030CW)4000K	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	6955	6955	6955	6955	6955	6955	6955	6955	6955	6955	6955	6955	6955	6955	6955	6955	6955	6955	6955
5	6551	6541	6531	6523	6519	6515	6515	6516	6521	6530	6542	6556	6575	6598	6624	6653	6686	6722	6689
10	6204	6186	6166	6143	6119	6095	6068	6043	6019	5997	5980	5967	5990	6024	6068	6123	6186	6259	6192
15	5800	5760	5717	5672	5626	5582	5543	5510	5486	5460	5407	5361	5323	5296	5338	5412	5504	5613	5511
20	4970	4947	4921	4893	4865	4839	4816	4800	4769	4722	4693	4683	4622	4558	4511	4575	4690	4831	4698
25	4079	4036	3993	3954	3926	3911	3914	3917	3885	3864	3853	3818	3813	3778	3692	3659	3795	3967	3803
30	3246	3207	3151	3085	3017	2950	2884	2876	2903	2953	2931	2897	2880	2895	2847	2752	2850	3049	2860
35	2209	2185	2161	2141	2126	2103	2069	1998	1927	1895	1957	2004	1950	1941	1992	1894	1929	2137	1940
40	1216	1226	1241	1257	1266	1256	1235	1214	1157	1071	983	1041	1132	1060	1048	987	867	1133	871
45	205	258	339	435	530	611	651	623	526	433	335	362	370	276	164	174	118	161	115
50	128	125	121	117	113	107	154	232	229	153	109	94.6	71.8	62.3	49.2	43.8	33.1	42.0	31.0
55	68.7	67.5	66.7	66.1	65.6	65.8	64.8	59.5	50.4	56.7	46.8	28.2	23.8	8.32	8.18	0.99	0.28	0.04	0.17
60	11.7	13.0	15.1	17.5	20.0	24.4	27.6	29.0	27.1	18.3	2.34	5.89	0.08	0.00	0.00	0.00	0.00	0.00	0.00
65	6.87	5.72	4.09	1.94	0.03	0.00	0.00	4.43	6.63	3.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
70	3.54	3.00	2.16	0.91	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
75	0.04	0.12	0.19	0.13	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
80	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
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 February 2025

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=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.79V I:0.1969A P:41.741W PF:0.9646 Freq:49.99Hz Lamp Flux:5849.65x1 lm		
NAME: GLM-PLS128CR1200(3030CW)4000K	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	6955	6955	6955	6955	6955	6955	6955	6955	6955	6955	6955	6955	6955	6955	6955	6955	6955	6955	6955
5	6659	6632	6608	6588	6572	6560	6550	6544	6541	6541	6543	6548	6554	6563	6573	6584	6598	6609	6623
10	6133	6084	6045	6016	5997	6015	6037	6063	6090	6119	6150	6178	6204	6229	6251	6271	6287	6300	6311
15	5427	5361	5327	5361	5407	5461	5521	5552	5581	5619	5663	5710	5760	5810	5856	5898	5934	5961	5980
20	4592	4537	4593	4668	4739	4758	4797	4853	4892	4914	4940	4968	4997	5028	5054	5079	5103	5123	5144
25	3676	3718	3814	3859	3875	3921	3940	3970	4011	4016	4023	4045	4076	4114	4157	4198	4238	4271	4297
30	2770	2871	2928	2923	2951	2994	3025	2983	2964	2980	3061	3145	3225	3288	3341	3375	3400	3410	3411
35	1914	2022	1982	1999	2053	2012	1961	2005	2085	2167	2200	2226	2247	2262	2276	2294	2318	2346	2374
40	996	1063	1083	1168	1077	1027	1129	1227	1279	1289	1305	1314	1308	1291	1268	1252	1251	1265	1297
45	165	152	284	368	359	356	460	550	644	666	619	533	435	336	250	194	176	195	253
50	39.3	41.8	50.8	55.2	74.5	89.5	143	224	219	131	81.9	92.6	102	109	113	116	118	114	110
55	0.49	5.37	4.42	9.94	16.4	25.6	32.6	23.0	35.7	44.6	49.3	52.7	55.4	56.9	57.2	57.7	58.7	58.0	57.1
60	0.00	0.00	0.00	0.00	1.95	0.43	0.97	10.4	15.5	17.7	17.4	15.3	12.1	8.04	3.98	1.07	0.00	1.07	4.00
65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.97	1.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
70	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
75	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
80	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
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 February 2025

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=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.79V I:0.1969A P:41.741W PF:0.9646 Freq:49.99Hz Lamp Flux:5849.65x1 lm		
NAME: GLM-PLS128CR1200(3030CW)4000K	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	6955	6955	6955	6955	6955	6955	6955	6955	6955	6955	6955	6955	6955	6955	6955				
5	6637	6651	6666	6681	6697	6712	6728	6746	6764	6782	6802	6823	6845	6869	6895				
10	6321	6329	6337	6346	6354	6366	6382	6400	6425	6456	6473	6491	6515	6544	6579				
15	5992	5992	5983	5964	5939	5910	5877	5851	5860	5883	5917	5967	5981	5996	6025				
20	5166	5188	5217	5258	5308	5372	5377	5291	5204	5120	5122	5168	5240	5249	5256				
25	4313	4317	4313	4302	4288	4288	4343	4423	4524	4372	4235	4187	4261	4346	4323				
30	3399	3384	3371	3366	3377	3346	3297	3247	3307	3415	3371	3197	3176	3298	3297				
35	2394	2399	2385	2354	2298	2306	2330	2324	2238	2197	2318	2295	2136	2246	2324				
40	1343	1396	1448	1492	1500	1443	1339	1300	1318	1246	1238	1412	1266	1173	1302				
45	342	449	557	650	724	774	759	562	360	503	466	314	266	182	234				
50	105	100	94.3	88.0	143	237	230	194	140	90.2	96.0	79.3	78.1	69.8	74.9				
55	56.2	54.7	52.3	49.2	46.1	42.3	35.3	42.3	35.3	37.2	26.0	25.4	18.7	23.5	21.1				
60	8.12	12.6	16.6	19.6	21.3	19.0	13.9	6.43	0.63	5.93	3.41	0.00	1.27	0.09	0.22				
65	0.00	0.00	0.00	0.00	0.00	3.11	4.04	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
70	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				
75	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				
80	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				
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 February 2025

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=1.0000]
Remarks: