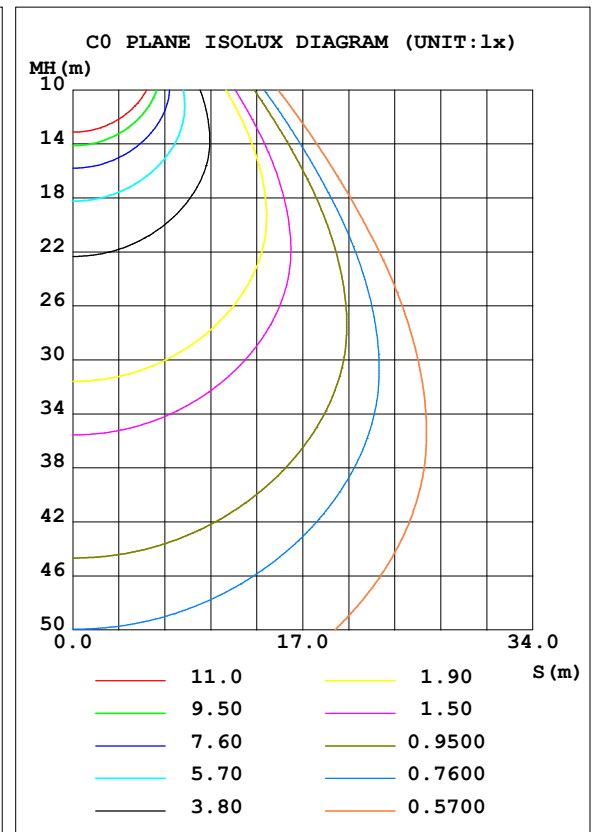
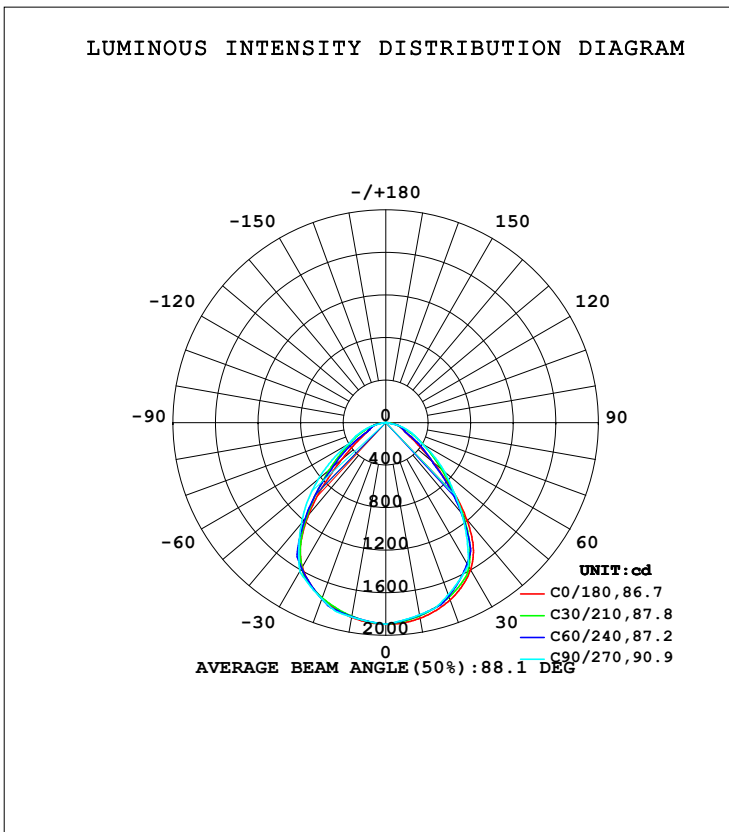


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.40V I:0.1653A P:27.245W PF:0.9670 Freq:49.99Hz Lamp Flux:3853.82x1 lm		
NAME: GLM-BPL12030A-27W-D	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 141.45 lm/W			
MODEL		I _{max} (cd)	1896	S/MH (C0/180)	1.22
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)	1.24
RATED VOLTAGE (V)	220.0	TOTAL FLUX (lm)	3853.8	<input type="checkbox"/> UP, DN (C0-180)	0.0,49.0
NOMINAL FLUX (lm)	3853.82	CIE CLASS	DIRECT	<input type="checkbox"/> UP, DN (C180-360)	0.0,51.0
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	1.30



H() Range:-90 - 90DEG
H() Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:08 October 2021

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:7.500m [K=1.0467]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

mm	C0	C45	C90	C135	C180	C225	C270	C315	mm	□ zone	□ total	%lum, lamp
10	1867	1839	1835	1834	1858	1848	1855	1853	0- 10	178.1	178.1	4.62,4.62
20	1773	1751	1721	1741	1758	1769	1763	1778	10- 20	510.4	688.5	17.9,17.9
30	1595	1520	1553	1505	1570	1561	1618	1581	20- 30	767.6	1456	37.8,37.8
40	1183	1142	1111	1124	1129	1218	1233	1261	30- 40	863.6	2320	60.2,60.2
50	579.1	623.6	723.4	621.8	542.4	679.8	829.0	712.6	40- 50	690.4	3010	78.1,78.1
60	265.1	355.5	388.8	360.8	246.7	380.4	405.4	392.4	50- 60	434.6	3445	89.4,89.4
70	164.3	211.2	233.1	209.8	158.0	212.7	234.8	217.9	60- 70	254.7	3699	96,96
80	83.31	85.89	0	78.86	75.17	77.21	0	77.54	70- 80	141.0	3840	99.7,99.7
90	0	0	0	0	0	0	0	0	80- 90	13.41	3854	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): 2698.4 lm

%lum = 70.0%

%lamp = 70.0%

Conical surface Flux(120deg): 3444.7 lm

%lum = 89.4%

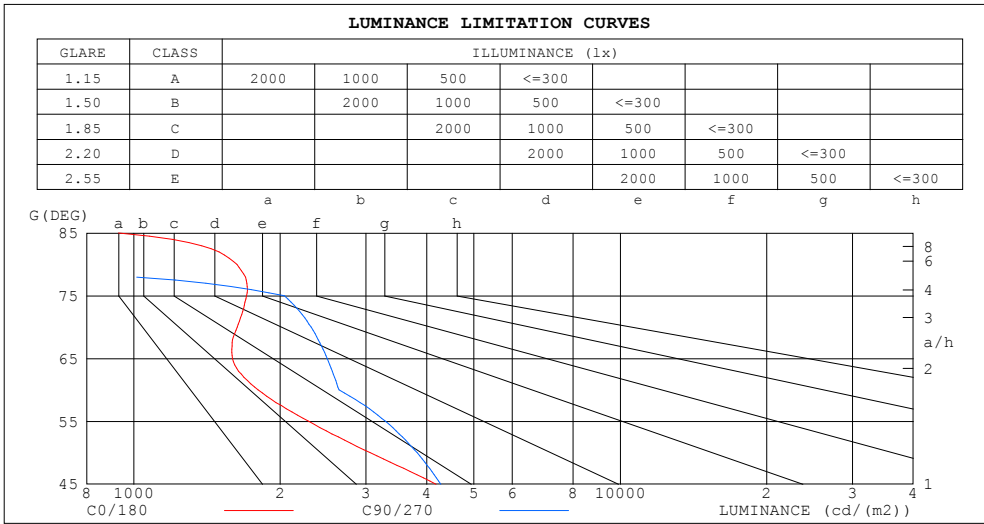
%lamp = 89.4%

H(□) Range:-90 - 90DEG
H(□) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:08 October 2021

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:7.500m [K=1.0467]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:220.40V I:0.1653A P:27.245W PF:0.9670 Freq:49.99Hz Lamp Flux:3853.82x1 lm		
NAME: GLM-BPL12030A-27W-D	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	930	0
80	1629	0
75	1705	2038
70	1631	2315
65	1595	2498
60	1801	2640
55	2289	3292
50	3059	3821
45	4180	4277

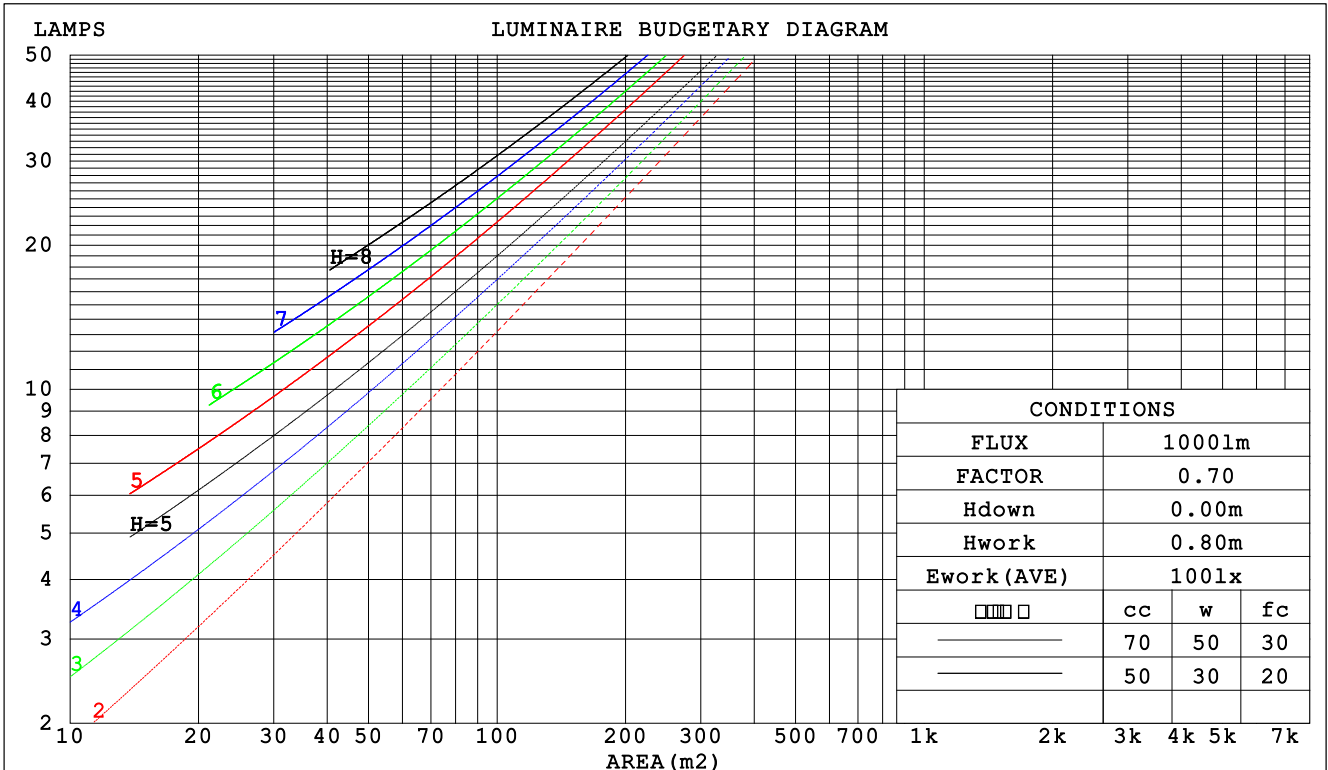
H(□) Range:-90 - 90DEG
H(□) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:08 October 2021

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:7.500m [K=1.0467]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.40V I:0.1653A P:27.245W PF:0.9670 Freq:49.99Hz Lamp Flux:3853.82x1 lm		
NAME: GLM-BPL12030A-27W-D	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	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	1.07	1.03	1.00	1.05	1.01	.99	1.00	.98	.96	.97	.95	.93	.93	.91	.90	.88
2.0	.95	.90	.85	.94	.88	.84	.90	.86	.82	.87	.83	.80	.84	.81	.78	.76
3.0	.86	.79	.73	.84	.78	.72	.81	.76	.71	.79	.74	.70	.76	.72	.69	.67
4.0	.77	.69	.64	.76	.69	.63	.73	.67	.62	.71	.66	.62	.69	.65	.61	.59
5.0	.70	.62	.56	.69	.61	.56	.67	.60	.55	.65	.59	.55	.63	.58	.54	.52
6.0	.64	.56	.50	.63	.55	.50	.61	.54	.49	.59	.53	.49	.58	.53	.48	.47
7.0	.58	.50	.45	.57	.50	.45	.56	.49	.44	.55	.49	.44	.53	.48	.44	.42
8.0	.54	.46	.40	.53	.45	.40	.52	.45	.40	.50	.44	.40	.49	.44	.40	.38
9.0	.49	.42	.37	.49	.42	.37	.48	.41	.37	.47	.41	.36	.46	.40	.36	.35
10.0	.46	.39	.34	.45	.38	.34	.44	.38	.33	.44	.38	.33	.43	.37	.33	.32



H(□) Range:-90 - 90DEG
H(□) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:08 October 2021

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:7.500m [K=1.0467]
Remarks:

WEC AND CCEC

Test:U:220.40V I:0.1653A P:27.245W PF:0.9670 Freq:49.99Hz Lamp Flux:3853.82x1 lm		
NAME: GLM-BPL12030A-27W-D	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	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	.252 .143 .045	.245 .140 .044	.232 .133 .043	.220 .127 .041	.209 .121 .039	
2.0	.244 .134 .041	.238 .131 .040	.227 .126 .039	.216 .121 .038	.207 .117 .037	
3.0	.230 .123 .037	.225 .121 .036	.215 .117 .035	.206 .113 .035	.198 .109 .034	
4.0	.216 .112 .033	.212 .111 .033	.203 .108 .032	.195 .105 .032	.187 .102 .031	
5.0	.203 .103 .030	.199 .102 .030	.191 .099 .029	.184 .097 .029	.177 .095 .028	
6.0	.191 .096 .027	.187 .094 .027	.180 .092 .027	.174 .090 .027	.168 .088 .026	
7.0	.179 .089 .025	.176 .088 .025	.170 .086 .025	.164 .084 .024	.159 .082 .024	
8.0	.169 .083 .023	.166 .082 .023	.161 .080 .023	.155 .079 .023	.151 .077 .023	
9.0	.160 .077 .022	.157 .077 .021	.152 .075 .021	.148 .074 .021	.143 .073 .021	
10.0	.151 .073 .020	.149 .072 .020	.144 .071 .020	.140 .070 .020	.136 .069 .020	

<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	.176 .157 .139	.151 .134 .120	.103 .092 .083	.059 .054 .048	.019 .017 .016	
2.0	.166 .132 .104	.142 .114 .090	.097 .079 .063	.056 .046 .037	.018 .015 .012	
3.0	.157 .114 .080	.134 .098 .069	.092 .068 .049	.053 .040 .029	.017 .013 .009	
4.0	.149 .100 .063	.128 .087 .055	.088 .060 .039	.051 .035 .023	.016 .012 .008	
5.0	.141 .089 .051	.121 .077 .045	.084 .054 .031	.048 .032 .019	.016 .010 .006	
6.0	.134 .081 .042	.116 .070 .037	.080 .049 .026	.046 .029 .016	.015 .009 .005	
7.0	.128 .074 .036	.110 .064 .031	.076 .045 .022	.044 .026 .013	.014 .009 .004	
8.0	.122 .068 .031	.105 .059 .027	.073 .041 .019	.042 .024 .011	.014 .008 .004	
9.0	.117 .063 .027	.100 .055 .023	.070 .038 .017	.041 .023 .010	.013 .007 .003	
10.0	.111 .059 .024	.096 .051 .021	.067 .036 .015	.039 .021 .009	.013 .007 .003	

H(□) Range:-90 - 90DEG
H(□) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:08 October 2021

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:7.500m [K=1.0467]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:220.40V I:0.1653A P:27.245W PF:0.9670 Freq:49.99Hz Lamp Flux:3853.82x1 lm		
NAME: GLM-BPL12030A-27W-D	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	15.8	17.1	16.0	17.3	17.5	15.7	17.1	16.0	17.3	17.5
3H	16.5	17.7	16.8	17.9	18.2	16.7	18.0	17.0	18.2	18.4
4H	16.8	18.0	17.1	18.2	18.5	17.2	18.4	17.5	18.6	18.9
6H	17.1	18.2	17.4	18.4	18.7	17.3	18.3	17.6	18.6	18.9
8H	17.1	18.2	17.5	18.4	18.7	17.2	18.3	17.5	18.5	18.8
12H	17.1	18.1	17.5	18.4	18.7	17.2	18.2	17.5	18.5	18.7
4H 2H	16.1	17.2	16.4	17.5	17.7	16.0	17.2	16.3	17.4	17.7
3H	17.1	18.1	17.4	18.4	18.7	17.2	18.2	17.5	18.4	18.7
4H	17.5	18.4	17.9	18.8	19.1	17.8	18.7	18.1	19.0	19.3
6H	17.9	18.7	18.3	19.1	19.4	17.9	18.7	18.3	19.0	19.4
8H	18.0	18.8	18.4	19.1	19.5	17.8	18.6	18.2	18.9	19.3
12H	18.0	18.7	18.5	19.1	19.5	17.8	18.5	18.2	18.8	19.2
8H 4H	17.7	18.5	18.1	18.8	19.2	18.0	18.7	18.4	19.1	19.5
6H	18.3	18.9	18.7	19.3	19.7	18.1	18.7	18.6	19.1	19.6
8H	18.4	19.0	18.9	19.4	19.8	18.1	18.6	18.5	19.0	19.5
12H	18.5	19.0	19.0	19.4	19.9	18.0	18.5	18.5	18.9	19.4
12H 4H	17.7	18.4	18.1	18.8	19.2	18.0	18.7	18.4	19.0	19.4
6H	18.2	18.8	18.7	19.2	19.7	18.1	18.7	18.6	19.1	19.5
8H	18.4	18.9	18.9	19.3	19.8	18.1	18.5	18.6	19.0	19.5
Variations with the observer position at spacings:										
S = 1.0H	+ 0.5 / - 0.7					+ 0.4 / - 0.5				
1.5H	+ 0.4 / - 0.7					+ 0.4 / - 0.6				
2.0H	+ 0.9 / - 1.4					+ 1.1 / - 1.5				

CIE Pub.117, 3854 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 4.7)

H(□) Range:-90 - 90DEG	V(B) Range:-75 - 75DEG
H(□) Interval: 1.0DEG	V(B) Interval: 5.0DEG
Test Speed: HIGH	Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.366
Temperature:25.3DEG	Humidity:65.0%
Operators:	Test Distance:7.500m [K=1.0467]
Test Date:08 October 2021	Remarks:

UTILIZATION FACTORS TABLE

Test:U:220.40V I:0.1653A P:27.245W PF:0.9670 Freq:49.99Hz Lamp Flux:3853.82x1 lm		
NAME: GLM-BPL12030A-27W-D	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:

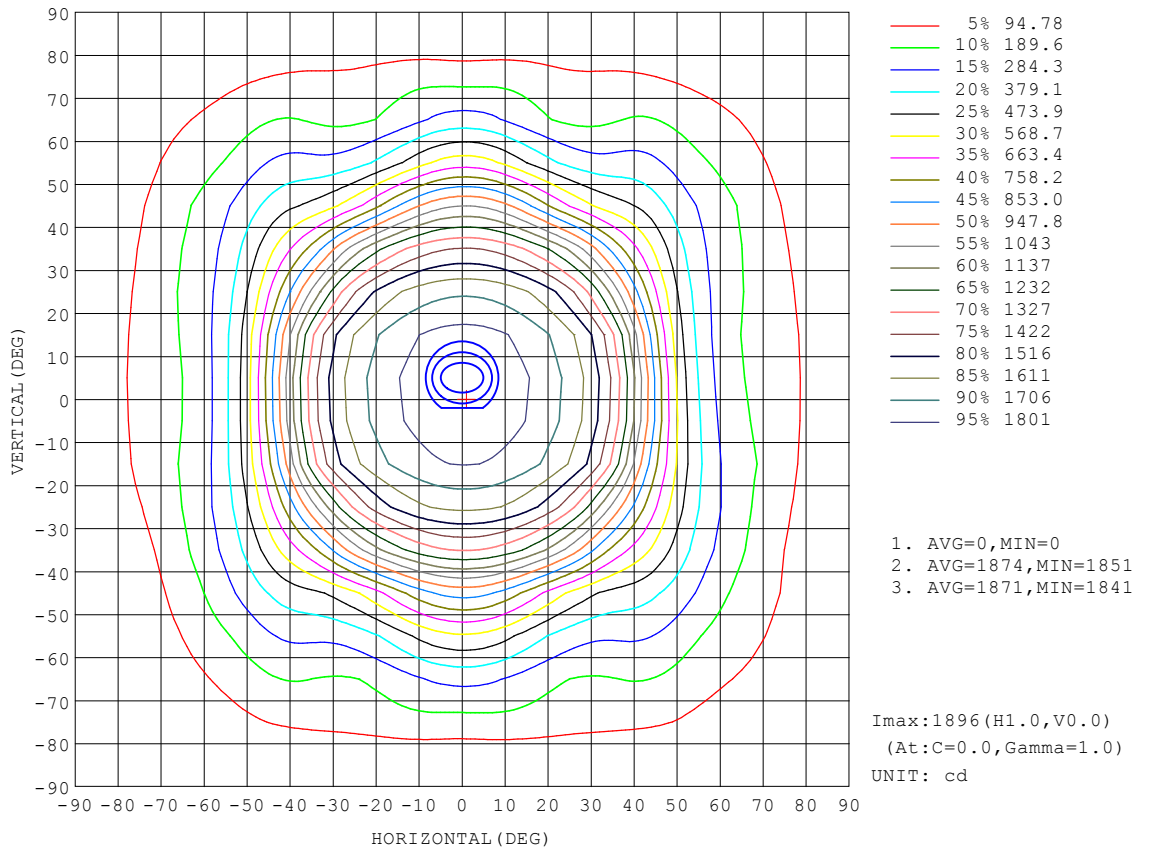
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	67	57	51	66	56	51	65	56	50	45
0.80	76	67	60	76	66	60	74	66	60	54
1.00	84	75	69	83	74	69	81	75	68	62
1.25	91	82	76	89	81	76	87	80	75	69
1.50	95	87	81	93	86	81	91	84	80	73
2.00	100	94	88	99	92	88	96	90	86	79
2.50	103	97	92	102	96	92	98	93	90	82
3.00	106	101	96	104	99	95	100	96	93	85
4.00	109	105	101	107	103	100	103	100	97	89
5.00	111	107	104	109	105	103	105	102	99	91
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:08 October 2021

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:7.500m [K=1.0467]
Remarks:

ISOCANDELA DIAGRAM

Test:U:220.40V I:0.1653A P:27.245W PF:0.9670 Freq:49.99Hz Lamp Flux:3853.82x1 lm		
NAME: GLM-BPL12030A-27W-D	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:

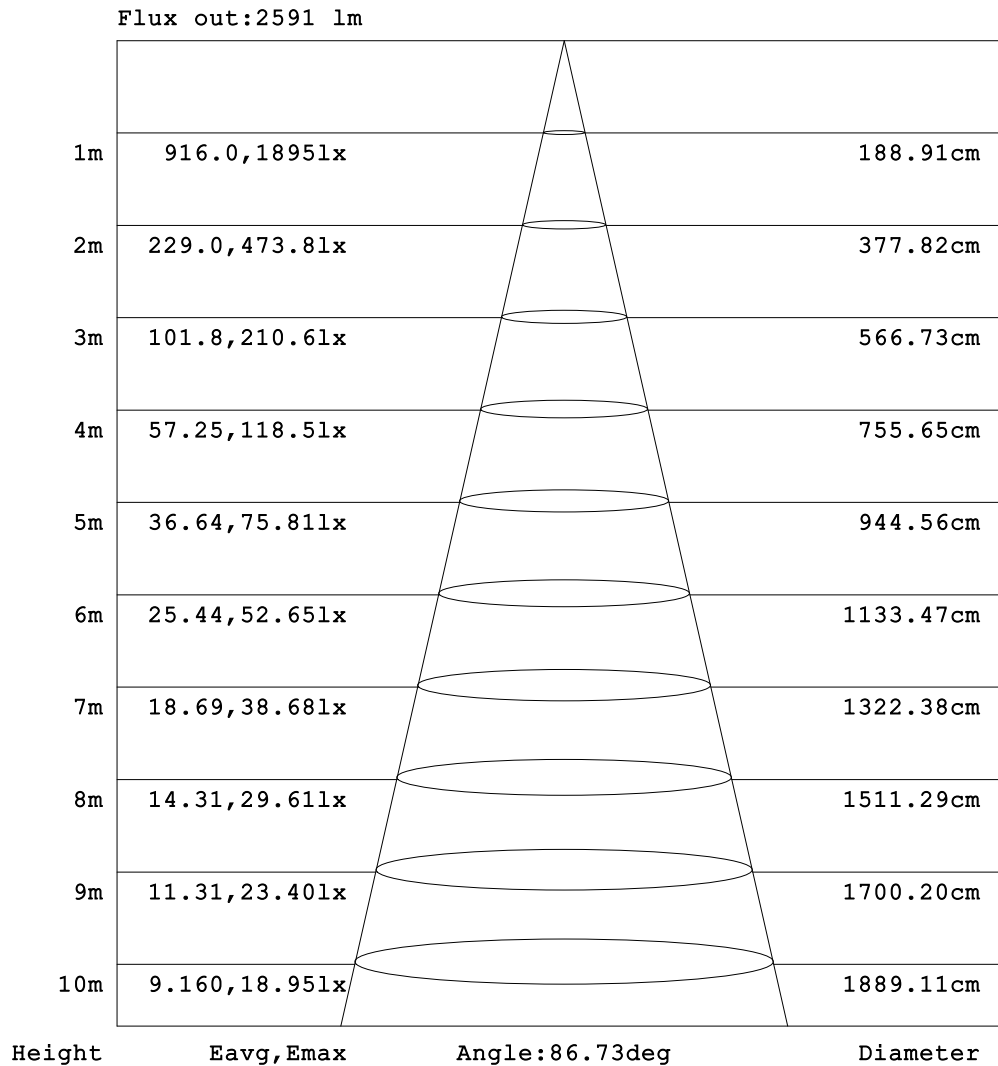


H(□) Range:-90 - 90DEG
 H(□) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:08 October 2021

V(B) Range:-75 - 75DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.366
 Humidity:65.0%
 Test Distance:7.500m [K=1.0467]
 Remarks:

AAI Figure

Test:U:220.40V I:0.1653A P:27.245W PF:0.9670 Freq:49.99Hz Lamp Flux:3853.82x1 lm		
NAME: GLM-BPL12030A-27W-D	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:



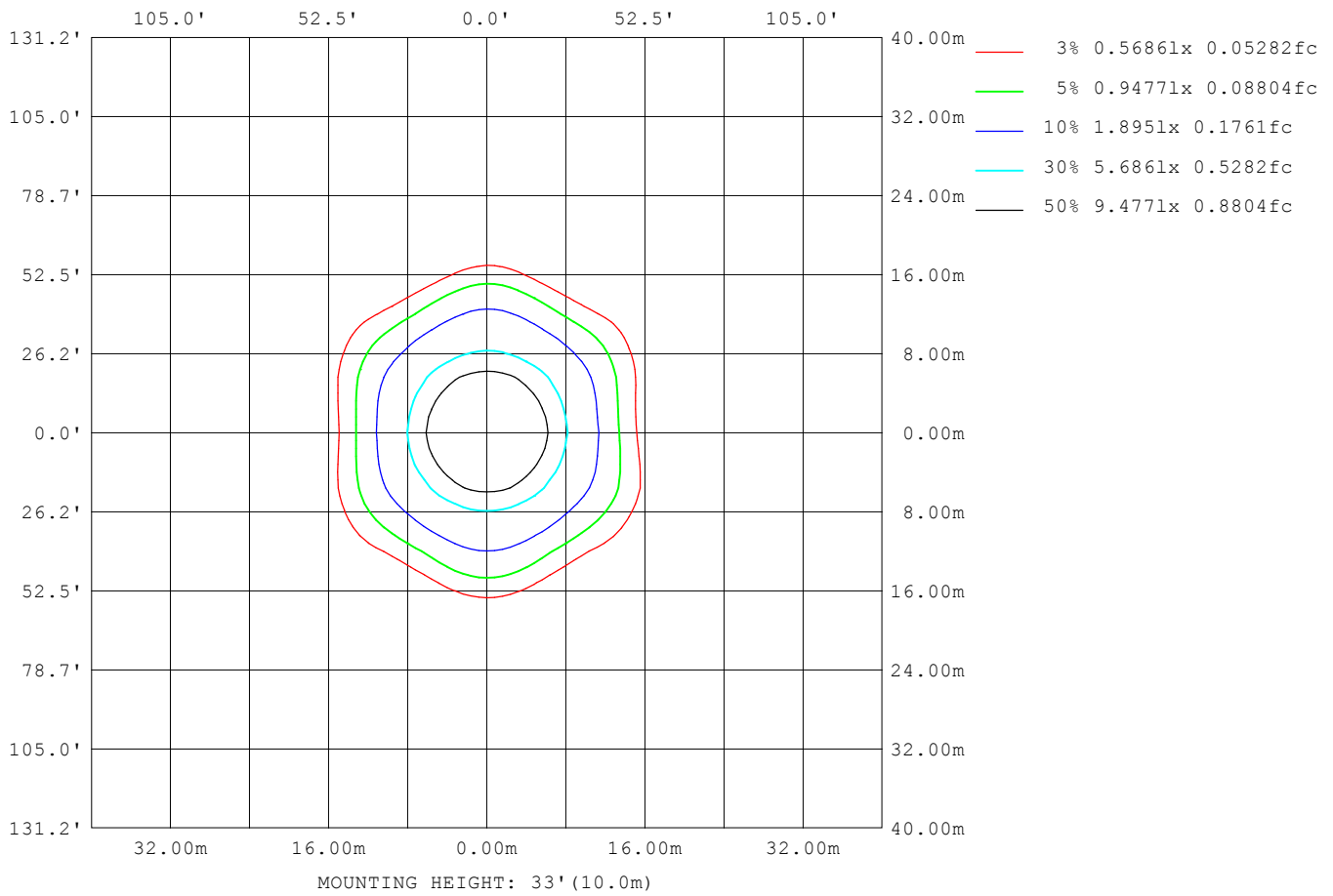
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

H(□) Range:-90 - 90DEG
H(□) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:08 October 2021

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:7.500m [K=1.0467]
Remarks:

ISOLUX DIAGRAM

Test:U:220.40V I:0.1653A P:27.245W PF:0.9670 Freq:49.99Hz Lamp Flux:3853.82x1 lm		
NAME: GLM-BPL12030A-27W-D	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:



H(□) Range:-90 - 90DEG
H(□) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:08 October 2021

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:7.500m [K=1.0467]
Remarks:

LED Avg.L Report

Test:U:220.40V I:0.1653A P:27.245W PF:0.9670 Freq:49.99Hz Lamp Flux:3853.82x1 lm		
NAME: GLM-BPL12030A-27W-D	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:

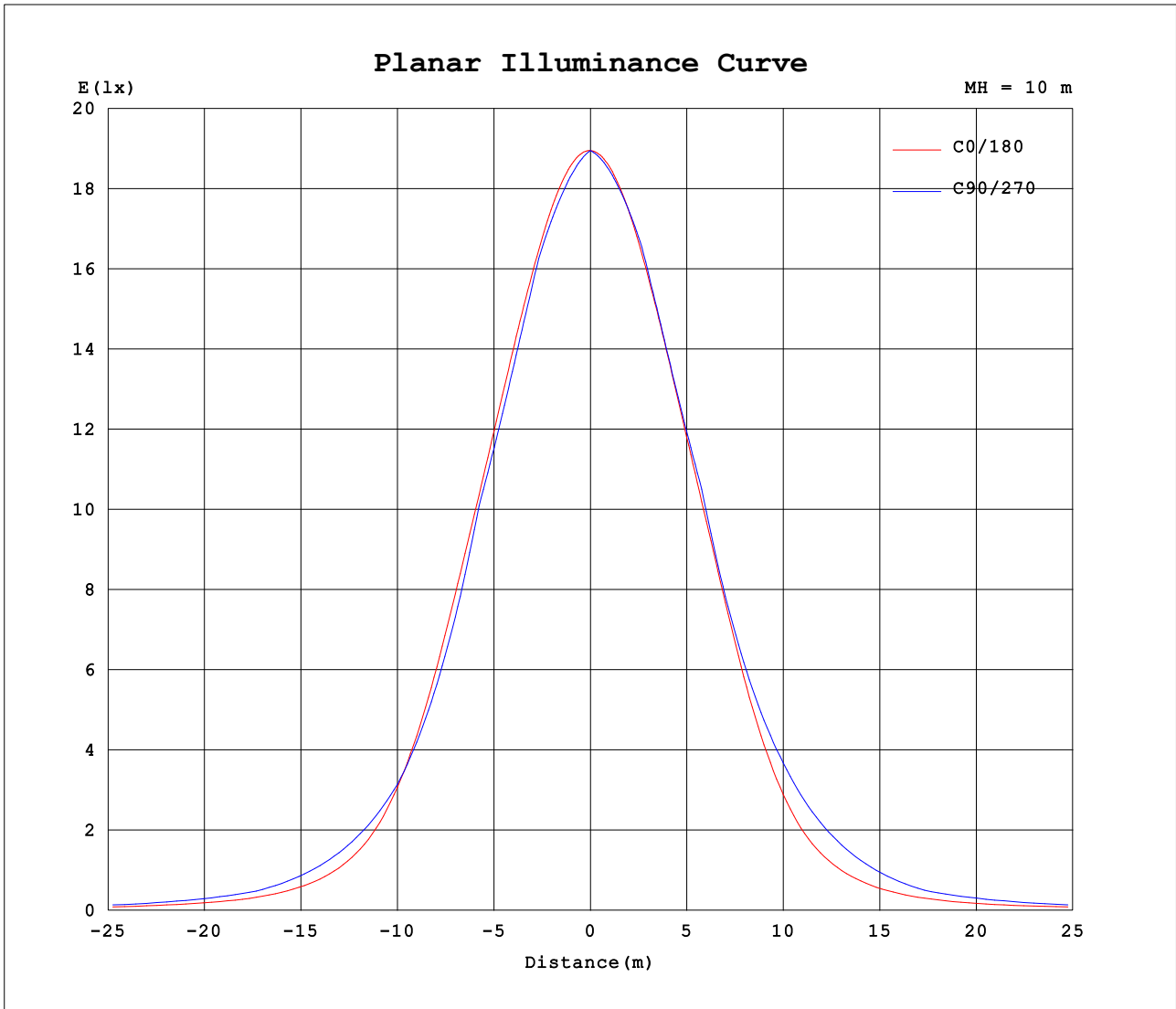
AvgL	cd/m2
L_0~180 (65) av	1549
L_0~180 (75) av	1652
L_0~180 (85) av	798
L_90~270 (65) av	2535
L_90~270 (75) av	1999
L_90~270 (85) av	0
L_45 (65) av	2286
L_45 (75) av	2008
L_45 (85) av	0

Standard: GB/T 29293-2012

H(□) Range:-90 - 90DEG
H(□) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:08 October 2021

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:7.500m [K=1.0467]
Remarks:

Planar Illuminance Curve



H(□) Range:-90 - 90DEG
 H(□) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:08 October 2021

V(B) Range:-75 - 75DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.366
 Humidity:65.0%
 Test Distance:7.500m [K=1.0467]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.40V I:0.1653A P:27.245W PF:0.9670 Freq:49.99Hz Lamp Flux:3853.82x1 lm		
NAME: GLM-BPL12030A-27W-D	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	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	1895	1895	1895	1895	1895	1895	1895	1895	1895	1895	1895	1895	1895	1895	1895	1895	1895	1895	1895
5	1889	1887	1884	1882	1880	1878	1876	1874	1873	1871	1870	1869	1868	1867	1867	1866	1866	1865	1865
10	1867	1862	1857	1853	1850	1847	1844	1842	1840	1839	1838	1837	1837	1836	1836	1836	1835	1835	1835
15	1828	1820	1814	1809	1805	1802	1800	1799	1799	1799	1800	1801	1802	1803	1803	1804	1805	1805	1804
20	1773	1763	1755	1749	1746	1744	1744	1745	1748	1751	1748	1741	1735	1730	1727	1725	1723	1721	1721
25	1698	1685	1676	1671	1669	1670	1674	1680	1663	1651	1644	1640	1638	1638	1638	1638	1638	1637	1637
30	1595	1578	1567	1563	1566	1573	1564	1540	1526	1520	1520	1524	1531	1538	1545	1549	1552	1553	1553
35	1437	1411	1399	1400	1414	1404	1373	1355	1350	1357	1371	1390	1374	1358	1347	1341	1337	1334	1332
40	1183	1152	1142	1152	1165	1146	1129	1120	1127	1142	1131	1116	1103	1096	1096	1101	1107	1111	1111
45	871	852	855	874	882	886	881	872	866	861	851	837	826	826	837	856	875	888	891
50	579	585	610	640	663	684	688	671	648	624	598	571	574	600	634	670	699	718	723
55	387	402	434	465	500	529	530	517	485	441	427	423	429	444	470	502	531	550	556
60	265	286	316	346	380	393	400	390	379	356	328	307	297	298	312	337	364	382	389
65	198	219	242	272	279	290	298	300	297	277	242	208	202	212	234	263	290	306	311
70	164	181	184	196	199	204	208	214	217	211	194	176	170	177	191	210	225	233	233
75	130	135	122	134	136	136	135	145	155	156	149	141	139	144	152	160	163	159	155
80	83.3	71.2	79.2	83.2	85.2	83.2	85.4	90.6	96.8	85.9	68.1	51.7	38.0	27.1	18.2	10.7	4.85	1.19	0.00
85	23.9	18.5	21.6	21.0	22.9	15.3	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:08 October 2021

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:7.500m [K=1.0467]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.40V I:0.1653A P:27.245W PF:0.9670 Freq:49.99Hz Lamp Flux:3853.82x1 lm		
NAME: GLM-BPL12030A-27W-D	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	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	1895	1895	1895	1895	1895	1895	1895	1895	1895	1895	1895	1895	1895	1895	1895	1895	1895	1895	1895
5	1865	1865	1865	1865	1866	1866	1866	1867	1867	1868	1869	1871	1872	1874	1876	1878	1880	1882	1885
10	1834	1834	1833	1833	1833	1833	1833	1833	1834	1834	1835	1837	1839	1842	1845	1849	1853	1858	1855
15	1804	1803	1801	1800	1798	1796	1794	1792	1791	1790	1790	1790	1792	1794	1798	1802	1808	1816	1811
20	1720	1720	1720	1721	1723	1727	1732	1739	1741	1737	1734	1732	1731	1732	1735	1740	1748	1758	1751
25	1635	1634	1632	1630	1628	1627	1628	1631	1638	1649	1666	1658	1654	1652	1653	1658	1666	1679	1671
30	1551	1547	1541	1534	1525	1517	1510	1505	1505	1510	1523	1546	1554	1546	1542	1544	1553	1570	1558
35	1331	1330	1332	1336	1344	1359	1374	1355	1340	1332	1335	1353	1383	1390	1372	1366	1375	1397	1382
40	1107	1100	1092	1086	1084	1090	1102	1116	1124	1108	1101	1109	1122	1136	1115	1099	1103	1129	1114
45	883	868	848	829	817	817	828	841	850	854	858	862	858	849	835	811	804	819	814
50	714	692	662	627	594	569	569	596	622	644	660	663	647	621	596	566	545	542	546
55	546	525	494	463	439	426	424	432	448	486	505	502	487	455	421	394	369	361	369
60	378	358	330	306	294	295	309	334	361	378	382	377	359	341	309	280	258	247	257
65	303	286	257	229	208	201	212	248	280	291	288	281	267	251	242	214	198	187	196
70	231	223	206	187	173	169	178	196	210	207	200	193	186	174	166	158	165	158	164
75	159	162	158	149	140	136	139	147	150	144	131	121	115	106	98.1	94.6	119	122	123
80	1.18	4.82	10.6	17.8	26.3	37.0	50.2	64.9	78.9	84.7	76.3	67.5	59.7	55.2	53.0	50.5	46.9	75.2	72.5
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	8.18	9.67	8.85	11.1	8.32	17.1	16.3
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:08 October 2021
 V(B) Range:-75 - 75DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.366
 Humidity:65.0%
 Test Distance:7.500m [K=1.0467]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.40V I:0.1653A P:27.245W PF:0.9670 Freq:49.99Hz Lamp Flux:3853.82x1 lm		
NAME: GLM-BPL12030A-27W-D	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	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	1895	1895	1895	1895	1895	1895	1895	1895	1895	1895	1895	1895	1895	1895	1895	1895	1895	1895	1895
5	1882	1880	1879	1878	1877	1877	1876	1876	1875	1875	1875	1875	1875	1875	1875	1875	1875	1875	1876
10	1852	1850	1849	1848	1847	1847	1847	1848	1849	1850	1851	1852	1853	1854	1854	1855	1855	1856	1855
15	1808	1805	1804	1804	1805	1807	1809	1813	1816	1819	1823	1826	1829	1831	1833	1835	1835	1835	1835
20	1747	1745	1745	1748	1751	1756	1762	1769	1770	1766	1764	1762	1762	1762	1762	1762	1763	1763	1764
25	1666	1666	1669	1675	1683	1694	1684	1678	1676	1676	1677	1680	1683	1685	1688	1689	1690	1691	1691
30	1554	1557	1566	1579	1578	1566	1560	1561	1566	1574	1583	1592	1600	1607	1613	1616	1618	1618	1617
35	1380	1391	1414	1415	1397	1394	1401	1417	1436	1458	1442	1429	1422	1420	1421	1423	1426	1427	1429
40	1119	1143	1170	1163	1160	1168	1193	1218	1207	1193	1184	1183	1191	1203	1216	1227	1233	1234	1229
45	832	868	885	899	909	922	927	929	925	916	913	925	949	979	1008	1030	1041	1039	1026
50	572	607	640	674	697	702	694	680	662	644	653	682	718	756	791	817	829	826	808
55	394	421	459	498	523	534	520	487	473	465	468	481	505	537	573	603	617	612	589
60	278	305	340	367	392	404	401	380	348	318	299	293	300	321	357	390	405	398	370
65	213	239	257	280	296	304	306	287	244	196	183	190	212	243	281	309	320	314	289
70	177	189	202	206	208	215	219	213	191	166	153	158	174	197	219	232	235	233	222
75	131	140	141	139	137	144	151	151	143	130	122	126	139	153	160	155	149	153	158
80	76.5	78.9	82.6	82.5	83.5	85.9	87.5	77.2	62.7	47.1	33.2	23.6	16.6	10.3	4.75	1.16	0.00	1.14	4.70
85	17.8	17.4	20.5	14.0	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:08 October 2021

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:7.500m [K=1.0467]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.40V I:0.1653A P:27.245W PF:0.9670 Freq:49.99Hz Lamp Flux:3853.82x1 lm		
NAME: GLM-BPL12030A-27W-D	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	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	1895	1895	1895	1895	1895	1895	1895	1895	1895	1895	1895	1895	1895	1895	1895				
5	1876	1876	1877	1877	1877	1878	1878	1879	1880	1881	1882	1883	1885	1886	1888				
10	1855	1855	1855	1854	1854	1853	1853	1853	1853	1854	1855	1856	1858	1860	1863				
15	1834	1832	1830	1827	1825	1822	1820	1817	1816	1815	1814	1815	1816	1819	1823				
20	1765	1766	1768	1770	1773	1778	1778	1772	1767	1762	1760	1758	1759	1761	1766				
25	1690	1689	1688	1687	1687	1688	1691	1697	1706	1697	1690	1685	1683	1684	1689				
30	1614	1610	1604	1598	1591	1585	1581	1581	1586	1598	1599	1587	1580	1578	1584				
35	1431	1436	1446	1463	1483	1465	1447	1434	1427	1430	1445	1444	1425	1416	1420				
40	1220	1211	1205	1208	1222	1242	1261	1241	1215	1204	1203	1209	1185	1163	1163				
45	1001	973	949	940	945	959	972	976	971	949	931	914	895	863	854				
50	777	741	705	677	670	691	713	728	732	721	692	654	616	585	571				
55	554	522	497	484	482	491	507	541	551	536	506	464	424	396	382				
60	335	311	302	307	326	357	392	414	413	399	372	341	304	274	262				
65	252	218	194	184	194	245	294	316	313	303	285	258	233	207	195				
70	200	176	158	152	164	192	218	229	227	220	216	209	189	172	162				
75	153	138	123	120	129	144	155	157	153	151	152	149	144	132	126				
80	10.2	16.3	22.9	32.6	47.0	63.0	77.5	87.3	87.1	87.4	87.6	87.1	83.0	80.4	79.1				
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.8	19.5	17.5	20.3	19.5			
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:08 October 2021

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:7.500m [K=1.0467]
Remarks: