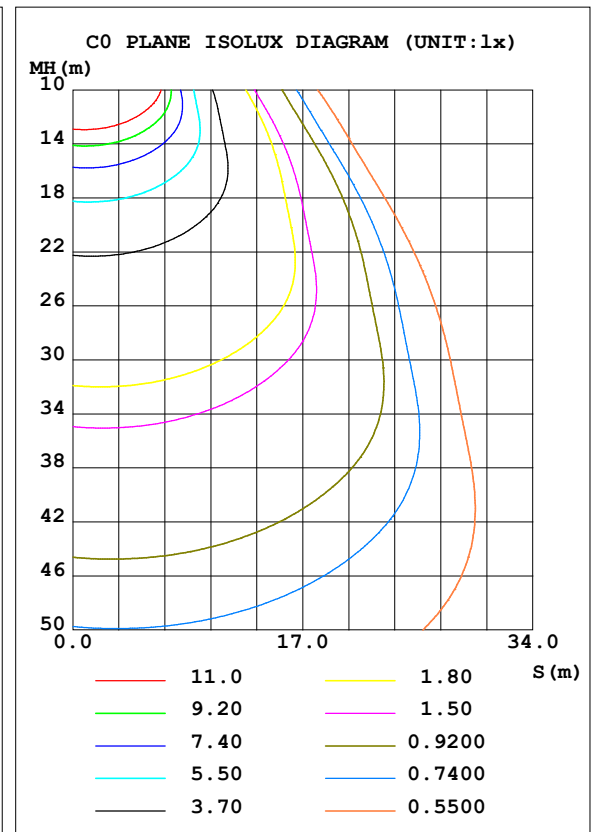
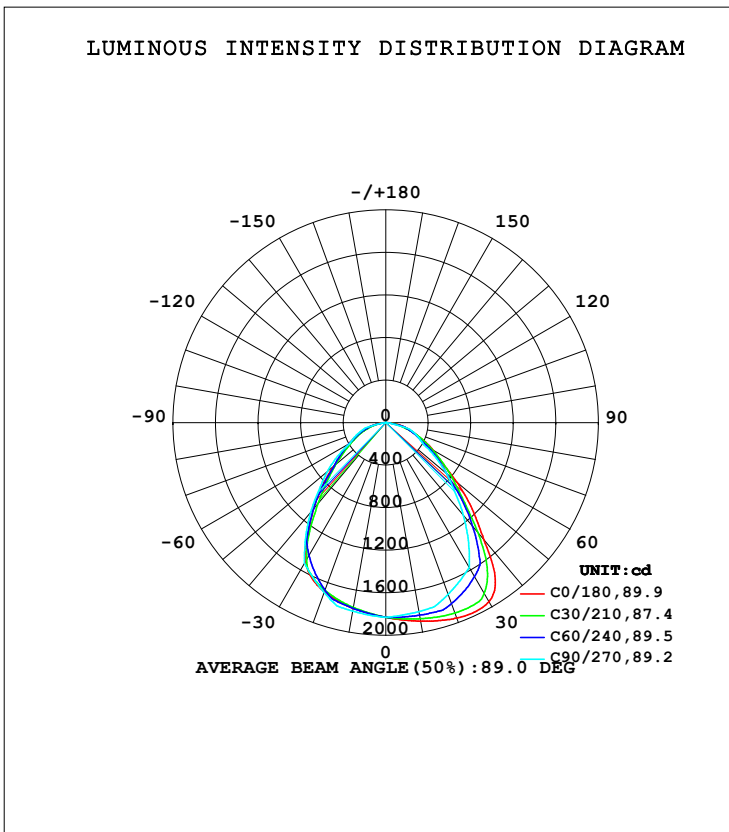


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:219.33V I:0.1918A P:36.681W PF:0.9676 Freq:50.00Hz Lamp Flux:4084.73x1 lm		
NAME: GLM-SPL12030-36W-E	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 111.36 lm/W			
MODEL		I _{max} (cd)	1967	S/MH (C0/180)	1.21
NOMINAL POWER (W)	40	LOR (%)	100.0	S/MH (C90/270)	1.22
RATED VOLTAGE (V)	220.0	TOTAL FLUX (lm)	4084.7	<input type="checkbox"/> UP, DN (C0-180)	0.0, 50.6
NOMINAL FLUX (lm)	4084.73	CIE CLASS	DIRECT	<input type="checkbox"/> UP, DN (C180-360)	0.0, 49.4
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: DAMIN
Test Date: 2021-09-06

V(B) Range: -75 - 75DEG
V(B) Interval: 5.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.290
Humidity: 65.0%
Test Distance: 7.500m [K=1.0933]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

mm	C0	C45	C90	C135	C180	C225	C270	C315	mm	□ zone	□ total	%lum, lamp
10	1895	1855	1803	1768	1772	1766	1799	1852	0- 10	173.6	173.6	4.25,4.25
20	1955	1875	1717	1693	1692	1692	1698	1869	10- 20	508.7	682.3	16.7,16.7
30	1943	1734	1573	1468	1510	1433	1528	1709	20- 30	785.2	1468	35.9,35.9
40	1436	1354	1135	1045	1058	982.1	1097	1306	30- 40	883.6	2351	57.6,57.6
50	874.7	761.8	747.1	627.5	636.8	589.2	717.9	741.7	40- 50	712.2	3063	75,75
60	508.9	438.2	408.0	369.0	398.8	339.0	391.7	426.4	50- 60	503.5	3567	87.3,87.3
70	281.8	260.7	285.0	214.6	220.6	205.1	259.8	241.7	60- 70	330.7	3897	95.4,95.4
80	129.4	100.5	0	65.56	88.73	64.43	0	79.59	70- 80	171.9	4069	99.6,99.6
90	0	0	0	0	0	0	0	0	80- 90	15.31	4085	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): 2735.6 lm

%lum = 67.0%

%lamp = 67.0%

Conical surface Flux(120deg): 3566.8 lm

%lum = 87.3%

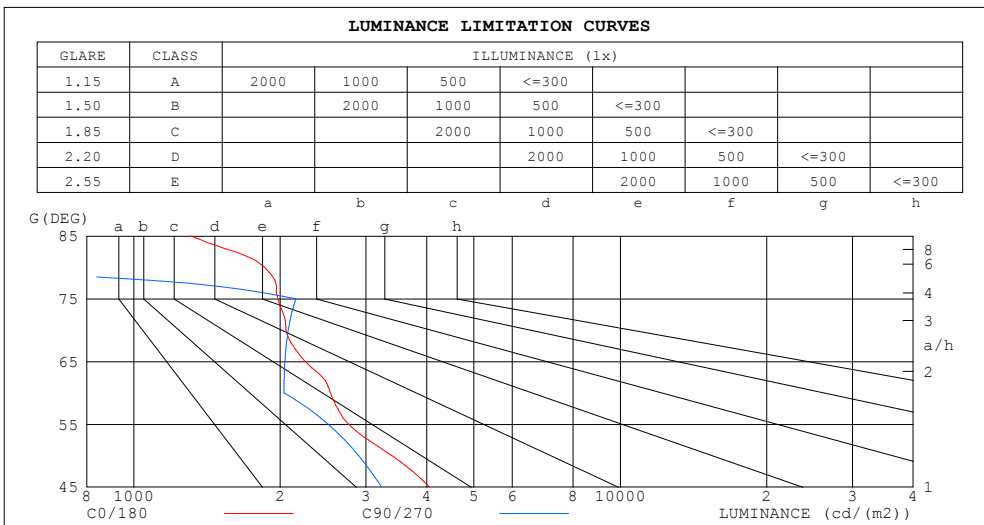
%lamp = 87.3%

H(□) Range:-90 - 90DEG
H(□) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2021-09-06

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.290
Humidity:65.0%
Test Distance:7.500m [K=1.0933]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:219.33V I:0.1918A P:36.681W PF:0.9676 Freq:50.00Hz Lamp Flux:4084.73x1 lm		
NAME: GLM-SPL12030-36W-E	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:



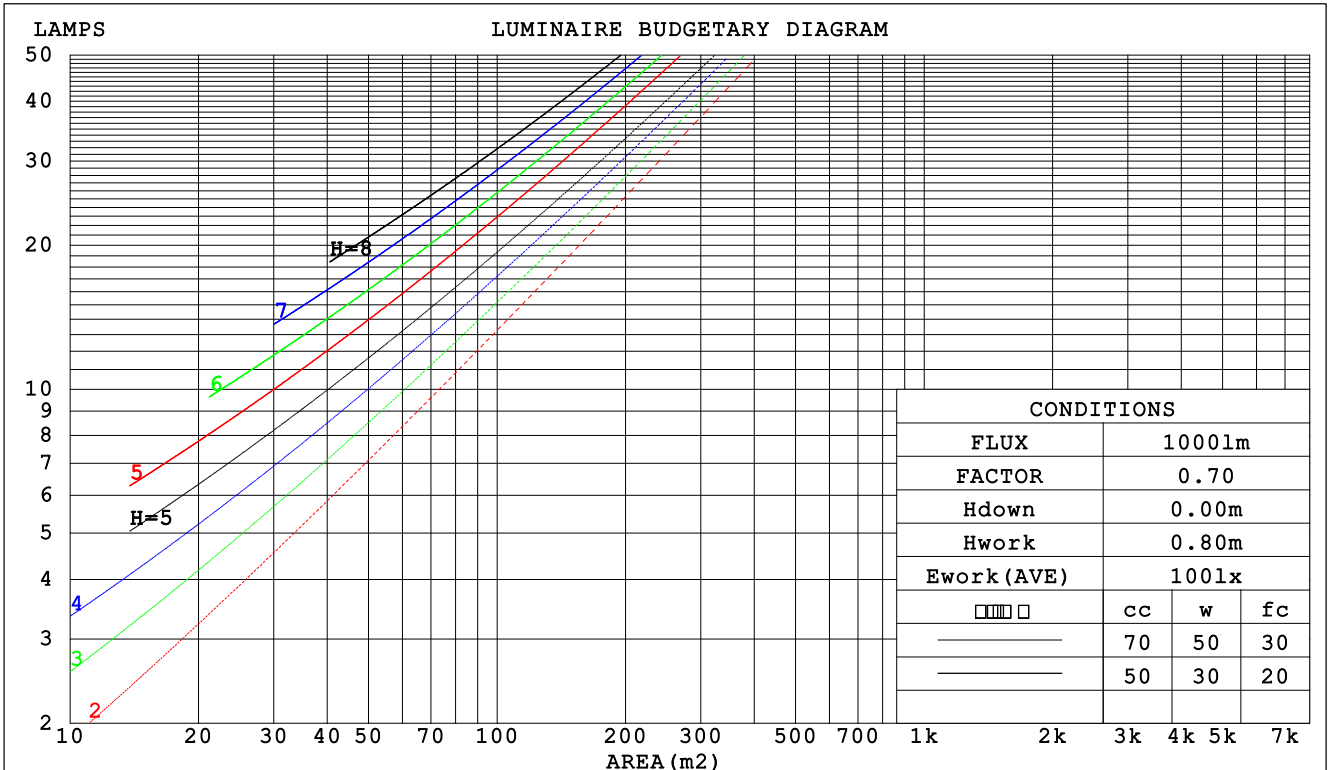
H(□) Range:-90 - 90DEG
H(□) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2021-09-06

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.290
Humidity:65.0%
Test Distance:7.500m [K=1.0933]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:219.33V I:0.1918A P:36.681W PF:0.9676 Freq:50.00Hz Lamp Flux:4084.73x1 lm		
NAME: GLM-SPL12030-36W-E	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	1.00
1.0	1.06	1.03	.00	1.04	1.01	.98	1.00	.97	.95	.96	.94	.92	.93	.91	.89	.87
2.0	.95	.89	.84	.93	.87	.83	.89	.85	.81	.86	.82	.79	.83	.80	.77	.75
3.0	.84	.77	.71	.83	.76	.71	.80	.74	.70	.77	.72	.68	.75	.71	.67	.65
4.0	.76	.68	.62	.75	.67	.61	.72	.66	.61	.70	.64	.60	.68	.63	.59	.57
5.0	.69	.60	.54	.67	.60	.54	.65	.59	.53	.63	.58	.53	.62	.57	.52	.50
6.0	.62	.54	.48	.61	.54	.48	.60	.53	.48	.58	.52	.47	.56	.51	.47	.45
7.0	.57	.49	.43	.56	.48	.43	.55	.48	.43	.53	.47	.42	.52	.46	.42	.40
8.0	.52	.44	.39	.52	.44	.39	.50	.43	.39	.49	.43	.38	.48	.42	.38	.36
9.0	.48	.40	.35	.48	.40	.35	.47	.40	.35	.45	.39	.35	.44	.39	.35	.33
10.0	.45	.37	.32	.44	.37	.32	.43	.37	.32	.42	.36	.32	.41	.36	.32	.30



H(□) Range:-90 - 90DEG
H(□) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2021-09-06

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.290
Humidity:65.0%
Test Distance:7.500m [K=1.0933]
Remarks:

WEC AND CCEC

Test:U:219.33V I:0.1918A P:36.681W PF:0.9676 Freq:50.00Hz Lamp Flux:4084.73x1 lm		
NAME: GLM-SPL12030-36W-E	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	.261 .148 .047	.254 .145 .046	.241 .138 .044	.229 .132 .042	.218 .126 .041	
2.0	.252 .138 .042	.246 .136 .042	.235 .131 .041	.224 .126 .039	.215 .121 .038	
3.0	.238 .126 .038	.232 .124 .037	.222 .120 .037	.213 .117 .036	.204 .113 .035	
4.0	.222 .116 .034	.218 .114 .034	.209 .111 .033	.201 .108 .033	.193 .105 .032	
5.0	.208 .106 .031	.204 .105 .030	.196 .102 .030	.189 .100 .030	.182 .097 .029	
6.0	.195 .098 .028	.191 .097 .028	.184 .094 .027	.178 .092 .027	.172 .090 .027	
7.0	.183 .090 .026	.180 .090 .026	.174 .088 .025	.168 .086 .025	.162 .084 .025	
8.0	.172 .084 .024	.169 .083 .024	.164 .082 .023	.159 .080 .023	.154 .079 .023	
9.0	.163 .079 .022	.160 .078 .022	.155 .077 .022	.150 .075 .022	.146 .074 .021	
10.0	.154 .074 .020	.151 .073 .020	.147 .072 .020	.143 .071 .020	.139 .070 .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	.177 .157 .138	.151 .134 .119	.104 .092 .082	.060 .053 .048	.019 .017 .015	
2.0	.167 .132 .103	.143 .114 .089	.098 .079 .062	.057 .046 .036	.018 .015 .012	
3.0	.158 .114 .079	.136 .098 .068	.093 .068 .048	.054 .040 .028	.017 .013 .009	
4.0	.150 .100 .062	.129 .087 .054	.089 .060 .038	.051 .035 .023	.017 .012 .007	
5.0	.143 .090 .050	.123 .078 .044	.084 .054 .031	.049 .032 .018	.016 .010 .006	
6.0	.136 .081 .042	.117 .070 .036	.081 .049 .026	.047 .029 .015	.015 .009 .005	
7.0	.129 .074 .035	.111 .064 .031	.077 .045 .022	.045 .027 .013	.014 .009 .004	
8.0	.123 .068 .030	.106 .059 .027	.074 .042 .019	.043 .025 .011	.014 .008 .004	
9.0	.118 .063 .027	.101 .055 .023	.070 .039 .016	.041 .023 .010	.013 .007 .003	
10.0	.112 .059 .023	.097 .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:DAMIN
Test Date:2021-09-06

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.290
Humidity:65.0%
Test Distance:7.500m [K=1.0933]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:219.33V I:0.1918A P:36.681W PF:0.9676 Freq:50.00Hz Lamp Flux:4084.73x1 lm										
NAME: GLM-SPL12030-36W-E					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	16.5	17.9	16.8	18.1	18.3	15.8	17.2	16.1	17.4	17.6
3H	17.5	18.7	17.7	18.9	19.2	17.0	18.3	17.3	18.5	18.7
4H	17.8	19.0	18.1	19.3	19.5	17.6	18.8	17.9	19.0	19.2
6H	18.1	19.2	18.4	19.5	19.8	17.6	18.8	18.0	19.0	19.3
8H	18.2	19.3	18.5	19.5	19.8	17.6	18.7	17.9	18.9	19.2
12H	18.2	19.2	18.5	19.5	19.8	17.5	18.6	17.9	18.9	19.1
4H 2H	16.8	18.0	17.1	18.2	18.5	16.2	17.4	16.5	17.6	17.9
3H	17.9	19.0	18.3	19.3	19.5	17.6	18.6	17.9	18.9	19.2
4H	18.4	19.3	18.8	19.6	20.0	18.3	19.2	18.6	19.5	19.9
6H	18.8	19.6	19.2	20.0	20.3	18.4	19.2	18.8	19.6	19.9
8H	18.9	19.7	19.3	20.1	20.4	18.3	19.1	18.7	19.5	19.9
12H	19.0	19.7	19.4	20.1	20.5	18.3	19.0	18.7	19.4	19.8
8H 4H	18.6	19.3	19.0	19.7	20.1	18.5	19.2	18.9	19.6	20.0
6H	19.1	19.7	19.5	20.1	20.6	18.6	19.3	19.1	19.7	20.1
8H	19.3	19.9	19.8	20.3	20.7	18.6	19.1	19.0	19.6	20.0
12H	19.4	19.9	19.9	20.3	20.8	18.5	19.0	19.0	19.5	19.9
12H 4H	18.5	19.3	19.0	19.6	20.0	18.5	19.2	18.9	19.6	20.0
6H	19.1	19.6	19.5	20.1	20.5	18.6	19.2	19.1	19.6	20.1
8H	19.3	19.8	19.8	20.2	20.7	18.6	19.1	19.1	19.5	20.0
Variations with the observer position at spacings:										
S = 1.0H	+ 0.4 / - 0.6					+ 0.5 / - 0.5				
1.5H	+ 0.4 / - 0.3					+ 0.2 / - 0.4				
2.0H	+ 0.8 / - 0.9					+ 0.6 / - 0.7				

CIE Pub.117, 4085 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 4.9)

H(□) Range:-90 - 90DEG
H(□) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2021-09-06

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.290
Humidity:65.0%
Test Distance:7.500m [K=1.0933]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:219.33V I:0.1918A P:36.681W PF:0.9676 Freq:50.00Hz Lamp Flux:4084.73x1 lm		
NAME: GLM-SPL12030-36W-E	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:

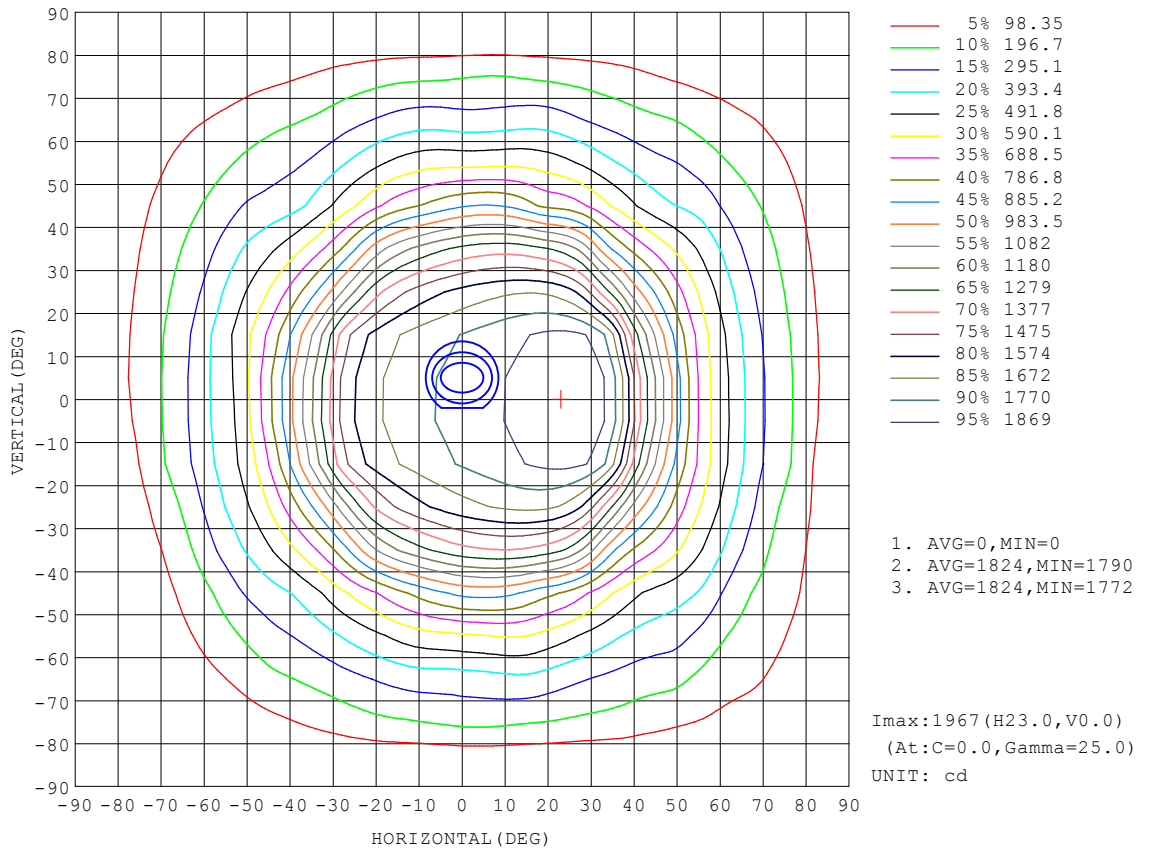
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	65	55	49	64	55	49	63	54	48	43
0.80	75	65	58	74	64	58	72	64	58	52
1.00	83	73	67	82	73	67	80	74	66	60
1.25	89	80	74	88	80	74	85	78	73	67
1.50	94	85	80	92	85	79	89	83	78	71
2.00	99	92	87	98	91	86	95	89	85	78
2.50	103	96	91	101	95	90	97	92	88	81
3.00	105	100	95	103	98	94	100	95	92	84
4.00	109	104	100	107	102	99	103	99	96	88
5.00	111	107	104	108	105	102	104	101	99	90
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:DAMIN
Test Date:2021-09-06

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.290
Humidity:65.0%
Test Distance:7.500m [K=1.0933]
Remarks:

ISOCANDELA DIAGRAM

Test:U:219.33V I:0.1918A P:36.681W PF:0.9676 Freq:50.00Hz Lamp Flux:4084.73x1 lm		
NAME: GLM-SPL12030-36W-E	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:

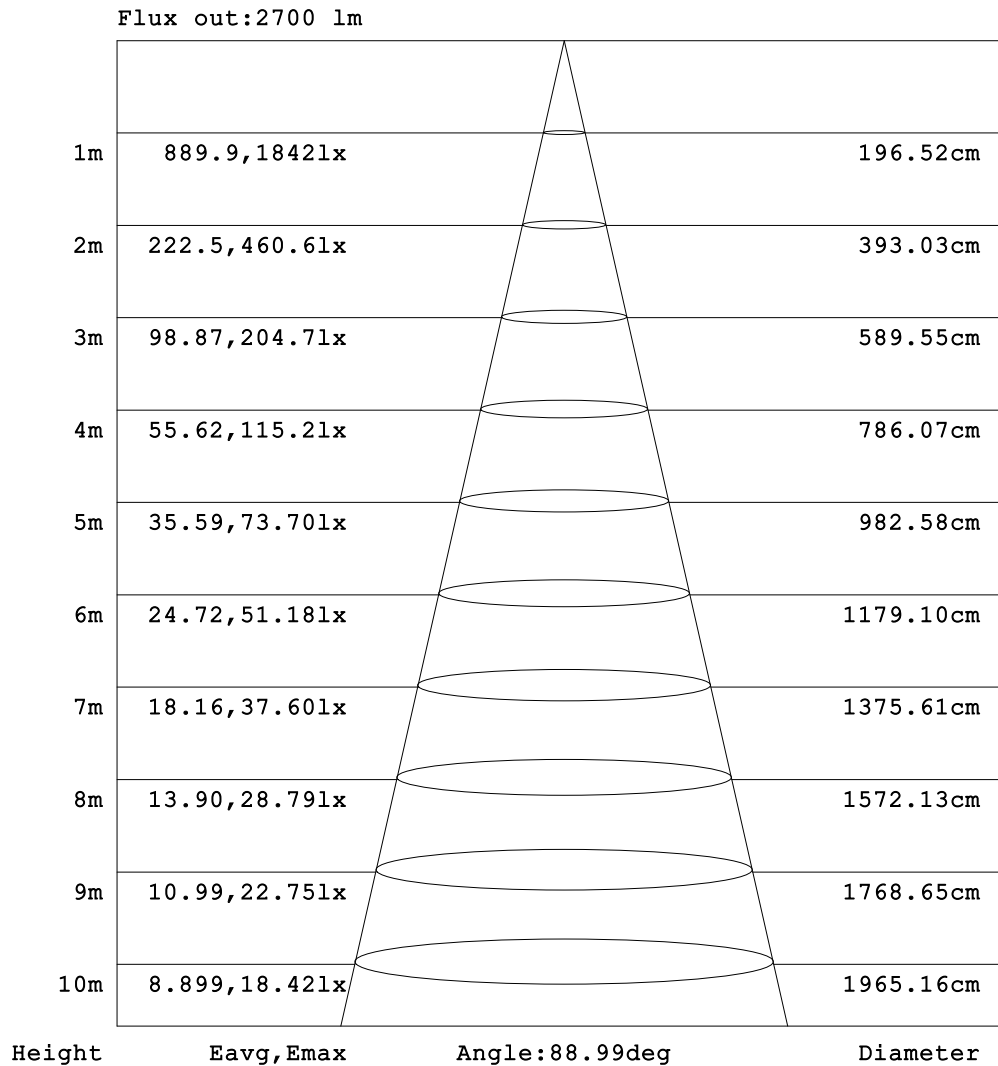


H(□) Range:-90 - 90DEG
H(□) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2021-09-06

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.290
Humidity:65.0%
Test Distance:7.500m [K=1.0933]
Remarks:

AAI Figure

Test:U:219.33V I:0.1918A P:36.681W PF:0.9676 Freq:50.00Hz Lamp Flux:4084.73x1 lm		
NAME: GLM-SPL12030-36W-E	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:



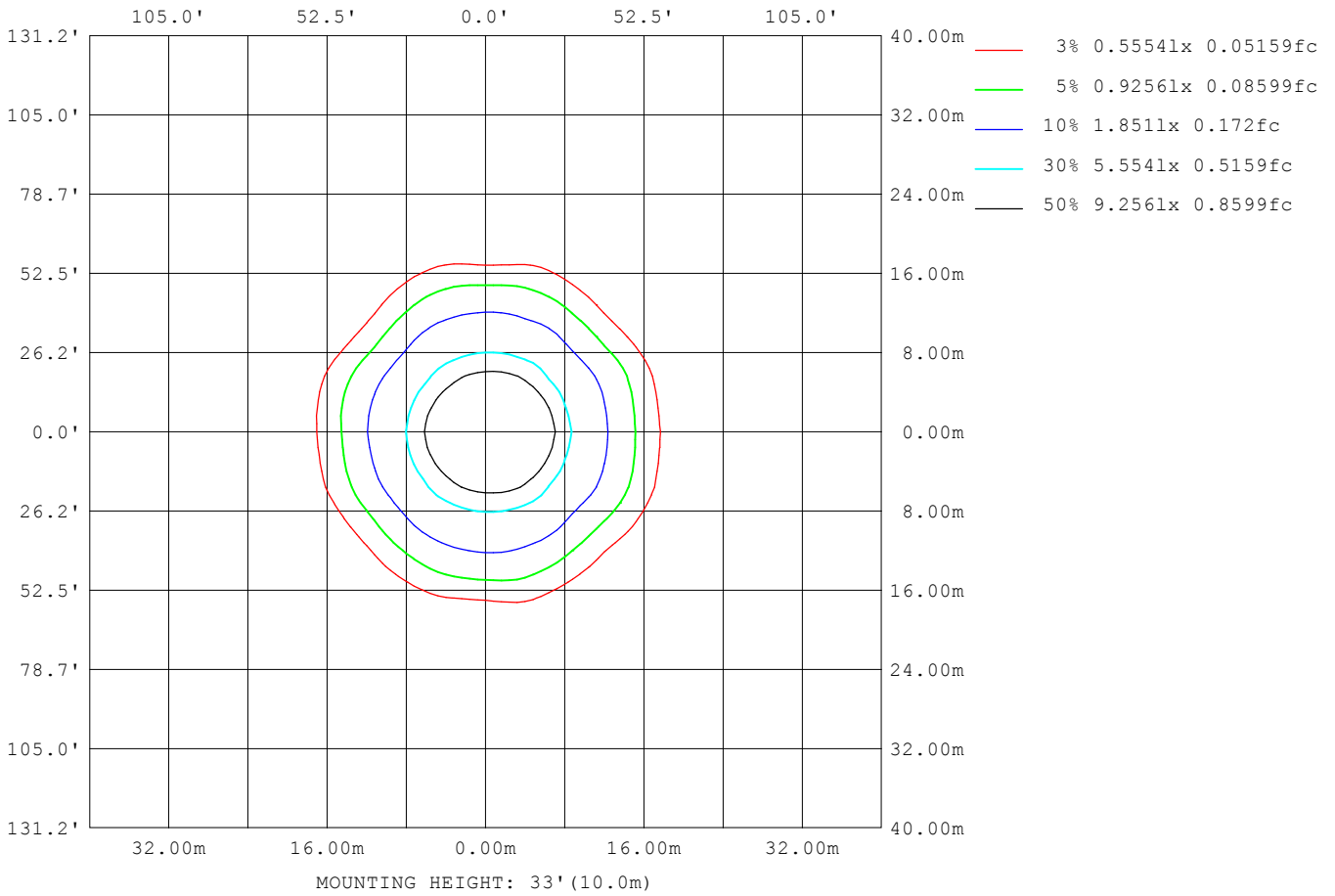
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

H(□) Range:-90 - 90DEG
H(□) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2021-09-06

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.290
Humidity:65.0%
Test Distance:7.500m [K=1.0933]
Remarks:

ISOLUX DIAGRAM

Test:U:219.33V I:0.1918A P:36.681W PF:0.9676 Freq:50.00Hz Lamp Flux:4084.73x1 lm		
NAME: GLM-SPL12030-36W-E	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:DAMIN
 Test Date:2021-09-06

V(B) Range:-75 - 75DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.290
 Humidity:65.0%
 Test Distance:7.500m [K=1.0933]
 Remarks:

LED Avg.L Report

Test:U:219.33V I:0.1918A P:36.681W PF:0.9676 Freq:50.00Hz Lamp Flux:4084.73x1 lm		
NAME: GLM-SPL12030-36W-E	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:

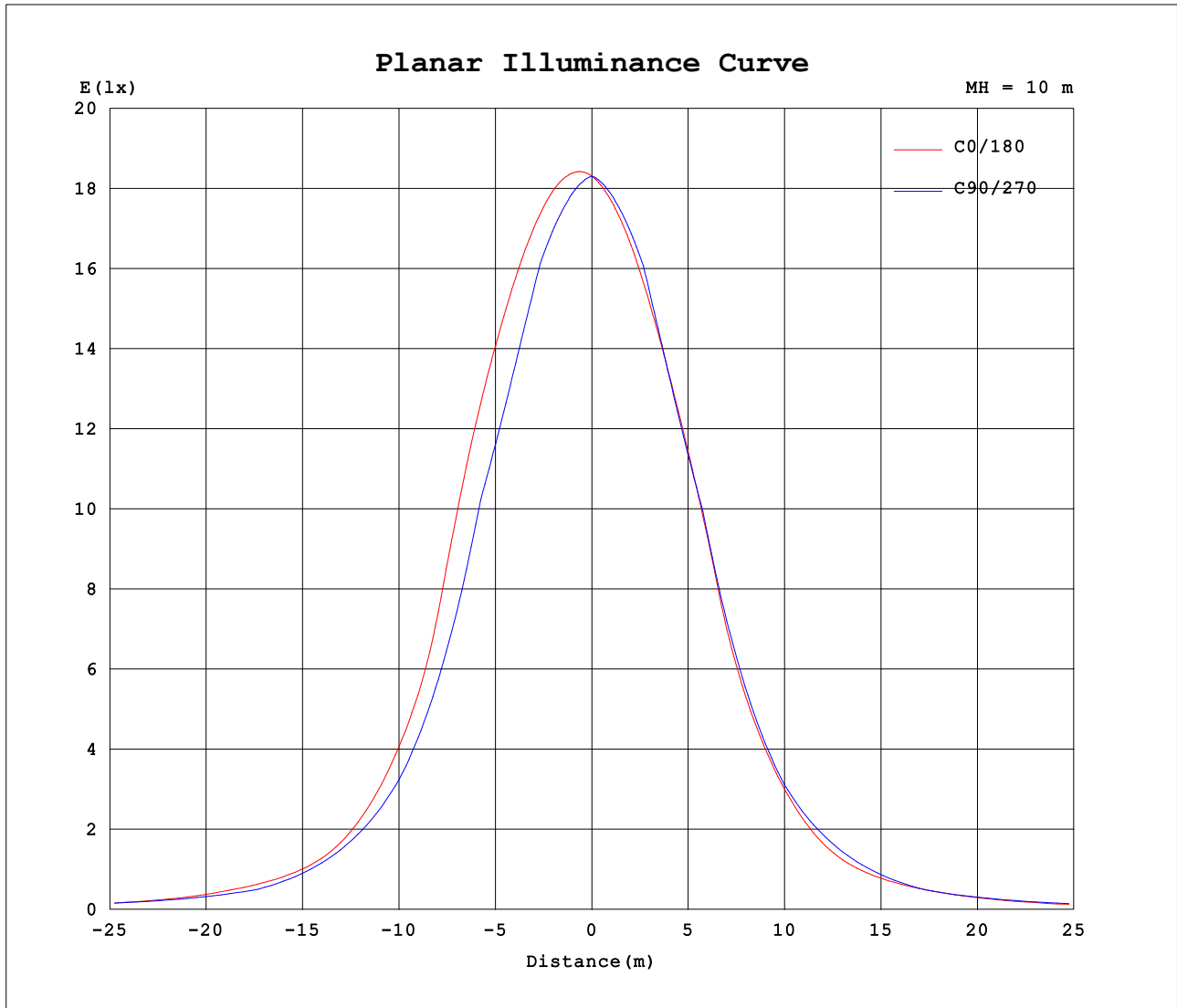
AvgL	cd/m2
L_0~180 (65) av	2026
L_0~180 (75) av	1687
L_0~180 (85) av	915
L_90~270 (65) av	1983
L_90~270 (75) av	2011
L_90~270 (85) av	0
L_45 (65) av	1799
L_45 (75) av	1535
L_45 (85) av	0

Standard: GB/T 29293-2012

H(□) Range:-90 - 90DEG
H(□) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2021-09-06

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.290
Humidity:65.0%
Test Distance:7.500m [K=1.0933]
Remarks:

Planar Illuminance Curve



H(□) Range:-90 - 90DEG
 H(□) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2021-09-06

V(B) Range:-75 - 75DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.290
 Humidity:65.0%
 Test Distance:7.500m [K=1.0933]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.33V I:0.1918A P:36.681W PF:0.9676 Freq:50.00Hz Lamp Flux:4084.73x1 lm		
NAME: GLM-SPL12030-36W-E	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	1831	1831	1831	1831	1831	1831	1831	1831	1831	1831	1831	1831	1831	1831	1831	1831	1831	1831	1831
5	1862	1861	1859	1857	1855	1853	1851	1848	1846	1843	1840	1838	1835	1832	1829	1826	1823	1820	1817
10	1895	1892	1889	1885	1881	1876	1871	1866	1861	1855	1849	1844	1838	1832	1826	1820	1814	1809	1803
15	1927	1922	1917	1911	1905	1898	1891	1883	1875	1867	1858	1850	1841	1832	1823	1814	1806	1797	1789
20	1955	1947	1939	1931	1922	1913	1904	1895	1885	1875	1857	1832	1810	1790	1772	1756	1741	1728	1717
25	1967	1955	1943	1933	1923	1913	1905	1896	1858	1825	1796	1770	1747	1726	1707	1689	1673	1658	1645
30	1943	1922	1905	1894	1887	1883	1852	1802	1764	1734	1710	1689	1671	1653	1636	1620	1603	1588	1573
35	1798	1759	1738	1736	1749	1723	1662	1622	1600	1590	1585	1581	1536	1491	1452	1419	1392	1371	1354
40	1436	1399	1385	1394	1408	1381	1348	1318	1324	1354	1345	1315	1273	1234	1207	1185	1166	1149	1135
45	1150	1113	1098	1103	1085	1061	1033	997	1001	1030	1045	1032	1001	966	950	943	936	927	917
50	875	857	859	861	856	849	823	786	764	762	765	750	748	750	760	771	768	758	747
55	636	642	666	671	677	678	649	608	573	556	572	587	600	607	615	621	609	590	578
60	509	511	523	527	538	522	499	455	440	438	445	452	457	464	474	476	452	423	408
65	381	383	389	398	396	394	384	373	355	340	332	331	341	354	371	381	371	356	347
70	282	282	271	268	258	266	275	280	278	261	257	262	268	276	288	296	295	290	285
75	205	198	171	174	174	169	171	188	197	189	190	196	198	201	207	210	216	223	223
80	129	108	112	111	115	108	106	112	113	100	84.7	69.1	51.4	36.4	24.2	13.9	6.42	1.67	0.00
85	45.7	36.3	39.4	38.5	38.9	21.7	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:DAMIN
Test Date:2021-09-06

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.290
Humidity:65.0%
Test Distance:7.500m [K=1.0933]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.33V I:0.1918A P:36.681W PF:0.9676 Freq:50.00Hz Lamp Flux:4084.73x1 lm		
NAME: GLM-SPL12030-36W-E	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	1831	1831	1831	1831	1831	1831	1831	1831	1831	1831	1831	1831	1831	1831	1831	1831	1831	1831	1831
5	1815	1812	1810	1807	1805	1804	1802	1801	1800	1799	1798	1798	1798	1798	1798	1799	1800	1801	1800
10	1798	1793	1788	1784	1780	1776	1773	1771	1768	1767	1766	1765	1765	1765	1766	1767	1769	1772	1769
15	1782	1774	1767	1760	1754	1749	1744	1739	1734	1731	1728	1726	1725	1725	1727	1729	1732	1737	1732
20	1708	1700	1693	1688	1686	1686	1688	1693	1693	1687	1682	1679	1677	1676	1677	1680	1685	1692	1684
25	1633	1622	1610	1601	1595	1591	1589	1592	1598	1610	1627	1619	1613	1609	1609	1611	1617	1627	1615
30	1558	1542	1523	1510	1497	1486	1477	1470	1468	1472	1484	1509	1516	1500	1490	1487	1494	1510	1489
35	1342	1330	1323	1324	1330	1338	1343	1316	1289	1270	1270	1283	1300	1292	1266	1255	1257	1275	1251
40	1122	1108	1099	1095	1097	1100	1099	1081	1045	1019	1016	1021	1033	1050	1039	1029	1036	1058	1032
45	902	886	873	866	864	862	858	838	813	800	798	808	815	821	823	815	824	851	828
50	735	724	711	694	673	651	643	638	627	623	626	636	638	631	628	622	623	637	635
55	571	571	569	558	541	527	511	491	467	469	481	493	501	497	492	490	482	485	496
60	408	423	432	426	418	409	397	383	369	361	363	379	389	401	395	395	394	399	400
65	342	346	346	336	323	309	295	290	287	287	285	285	283	289	293	292	300	306	303
70	277	274	271	263	252	238	226	218	215	215	200	193	183	178	179	186	215	221	221
75	212	202	196	192	182	170	158	149	144	138	124	114	109	102	94.6	96.5	126	145	144
80	1.58	5.98	13.0	22.5	32.8	42.9	52.2	60.3	65.6	66.5	61.0	54.7	49.9	45.7	47.5	48.0	44.0	88.7	85.6
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	4.09	0.92	7.90	7.29	3.53	18.3	20.5
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	0.00	0.00	0.00	0.00

H(□) Range:-90 - 90DEG
H(□) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2021-09-06

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.290
Humidity:65.0%
Test Distance:7.500m [K=1.0933]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.33V I:0.1918A P:36.681W PF:0.9676 Freq:50.00Hz Lamp Flux:4084.73x1 lm		
NAME: GLM-SPL12030-36W-E	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	1831	1831	1831	1831	1831	1831	1831	1831	1831	1831	1831	1831	1831	1831	1831	1831	1831	1831	1831
5	1799	1798	1797	1797	1797	1797	1797	1798	1799	1800	1802	1804	1805	1808	1810	1813	1815	1818	1821
10	1767	1765	1764	1763	1763	1764	1764	1766	1768	1770	1773	1776	1780	1784	1789	1794	1799	1805	1810
15	1729	1726	1725	1724	1725	1726	1729	1732	1735	1739	1744	1749	1755	1761	1768	1775	1783	1791	1800
20	1679	1676	1674	1675	1677	1681	1686	1692	1689	1680	1675	1672	1672	1675	1681	1688	1698	1710	1723
25	1607	1603	1603	1607	1613	1622	1599	1583	1573	1568	1566	1569	1573	1580	1589	1600	1613	1627	1643
30	1478	1477	1485	1499	1490	1459	1441	1433	1432	1436	1444	1455	1468	1482	1497	1512	1528	1544	1561
35	1242	1247	1266	1270	1250	1231	1222	1231	1254	1281	1283	1281	1279	1281	1286	1297	1312	1331	1353
40	1021	1024	1028	1005	989	977	970	982	1017	1045	1057	1058	1056	1058	1066	1080	1097	1113	1130
45	821	827	813	798	783	768	761	768	790	816	834	839	837	837	846	863	881	895	904
50	645	649	639	630	617	598	588	589	600	613	635	662	679	690	701	710	718	727	735
55	520	515	510	501	478	453	431	429	458	487	514	538	555	564	566	560	555	561	575
60	410	405	408	393	369	336	330	339	358	380	401	420	433	440	435	412	392	395	418
65	301	298	295	291	286	274	269	268	274	285	306	324	340	350	350	337	326	329	342
70	216	212	208	205	205	205	208	205	205	215	231	246	259	266	267	262	260	265	271
75	145	145	143	139	135	135	138	138	140	148	160	170	179	184	183	186	194	202	199
80	85.3	82.5	81.3	76.4	72.4	71.7	71.8	64.4	56.5	48.5	40.0	30.1	20.7	12.1	5.43	1.39	0.00	1.50	5.91
85	21.1	14.2	13.3	10.0	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:DAMIN
Test Date:2021-09-06

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.290
Humidity:65.0%
Test Distance:7.500m [K=1.0933]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.33V I:0.1918A P:36.681W PF:0.9676 Freq:50.00Hz Lamp Flux:4084.73x1 lm		
NAME: GLM-SPL12030-36W-E	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	1831	1831	1831	1831	1831	1831	1831	1831	1831	1831	1831	1831	1831	1831	1831				
5	1824	1827	1830	1833	1836	1839	1842	1844	1847	1850	1852	1855	1857	1859	1861				
10	1816	1822	1828	1834	1840	1846	1852	1858	1864	1869	1874	1879	1884	1888	1892				
15	1808	1817	1826	1835	1844	1853	1862	1871	1879	1887	1895	1903	1910	1916	1922				
20	1739	1756	1776	1797	1822	1849	1869	1880	1891	1901	1911	1920	1929	1938	1947				
25	1660	1679	1700	1723	1749	1778	1811	1849	1892	1902	1912	1922	1932	1943	1955				
30	1578	1596	1615	1634	1656	1680	1709	1745	1790	1847	1880	1885	1892	1904	1921				
35	1379	1409	1446	1490	1535	1543	1554	1571	1596	1643	1715	1746	1732	1734	1756				
40	1147	1164	1187	1226	1271	1303	1306	1271	1282	1327	1360	1381	1376	1375	1395				
45	907	904	917	961	1002	1017	987	965	972	1012	1042	1071	1094	1093	1111				
50	734	719	711	723	738	748	742	747	767	799	827	840	851	852	854				
55	588	589	590	590	580	563	546	557	582	619	653	659	656	654	636				
60	449	466	464	454	445	435	426	417	419	464	497	518	511	511	504				
65	360	369	355	337	322	323	325	328	338	351	372	382	385	378	376				
70	278	280	269	257	248	242	242	252	257	259	260	265	271	275	278				
75	194	191	187	182	175	169	166	170	170	167	173	181	191	196	199				
80	12.8	22.0	33.3	45.8	58.8	70.0	79.6	86.8	89.8	93.0	97.7	107	113	118	122				
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.2	24.5	28.2	33.9	38.6				
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:DAMIN
Test Date:2021-09-06

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.290
Humidity:65.0%
Test Distance:7.500m [K=1.0933]
Remarks: