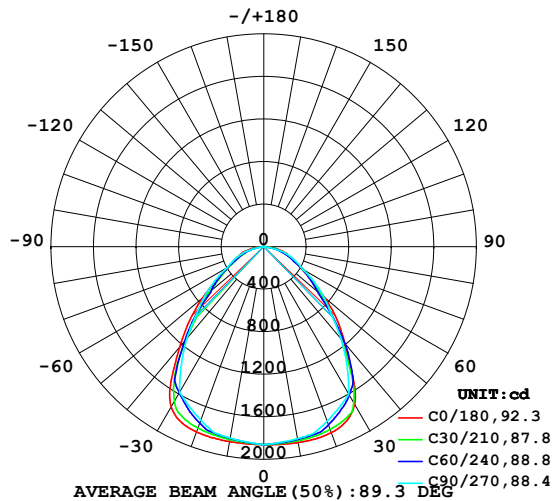


LUMINAIRE PHOTOMETRIC TEST REPORT

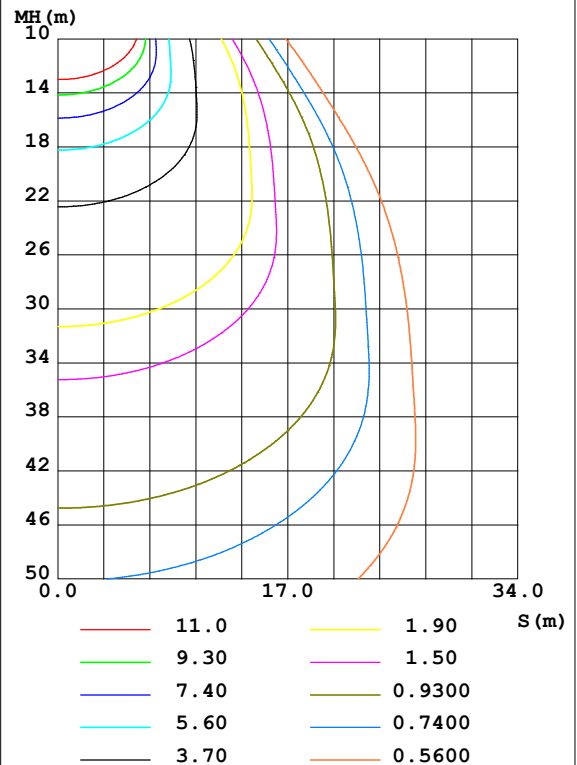
Test:U:220.27V I:0.1398A P:31.218W PF:0.9469 Freq:49.99Hz Lamp Flux:4039.84x1 lm		
NAME: GLM-SPL6262-32W-D (RA90)	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 129.41 lm/W			
MODEL		I _{max} (cd)	1872	S/MH (C0/180)	1.27
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)	1.23
RATED VOLTAGE (V)	220.0	TOTAL FLUX (lm)	4039.8	□ UP, DN (C0-180)	0.0, 50.3
NOMINAL FLUX (lm)	4039.84	CIE CLASS	DIRECT	□ UP, DN (C180-360)	0.0, 49.7
LAMPS INSIDE	1	□ up (%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	220	□ down (%)	100.0	CIBSE SHR MAX	1.25

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



H(□) Range:-90 - 90DEG
H(□) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-10-19

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=1.0867]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

°	C0	C45	C90	C135	C180	C225	C270	C315	°	□ zone	□ total	%lum,lamp
10	1870	1846	1833	1839	1861	1835	1828	1842	0- 10	176.5	176.5	4.37,4.37
20	1860	1823	1745	1809	1853	1803	1735	1814	10- 20	517.4	693.9	17.2,17.2
30	1710	1620	1600	1604	1741	1601	1583	1599	20- 30	798.7	1493	36.9,36.9
40	1187	1126	1131	1144	1229	1138	1122	1093	30- 40	881.4	2374	58.8,58.8
50	752.3	643.4	736.4	647.0	753.0	640.8	727.2	626.2	40- 50	694.9	3069	76,76
60	405.1	376.8	416.8	367.2	382.9	360.1	397.2	364.7	50- 60	481.0	3550	87.9,87.9
70	250.5	225.9	259.0	211.3	246.6	199.6	241.9	213.4	60- 70	309.3	3859	95.5,95.5
80	122.5	76.11	0	69.11	118.2	61.03	0	68.83	70- 80	163.5	4023	99.6,99.6
90	0	0	0	0	0	0	0	0	80- 90	17.25	4040	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): 2751.3 lm

%lum = 68.1%

%lamp = 68.1%

Conical surface Flux(120deg): 3549.8 lm

%lum = 87.9%

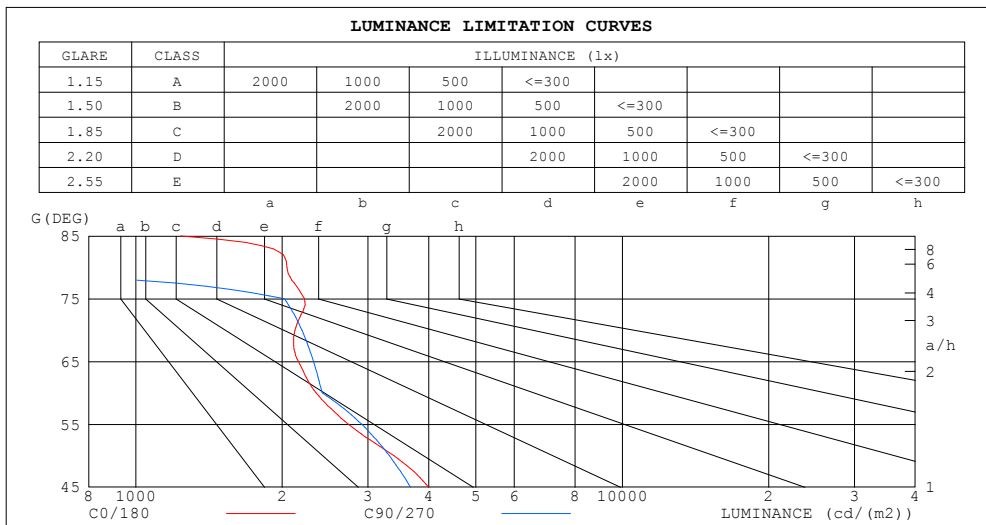
%lamp = 87.9%

H(□) Range:-90 - 90DEG
H(□) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-10-19

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=1.0867]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:220.27V I:0.1398A P:31.218W PF:0.9469 Freq:49.99Hz Lamp Flux:4039.84x1 lm		
NAME: GLM-SPL6262-32W-D (RA90)	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	1237	0
80	2044	0
75	2221	2019
70	2123	2195
65	2158	2320
60	2349	2416
55	2736	2914
50	3392	3321
45	4000	3671

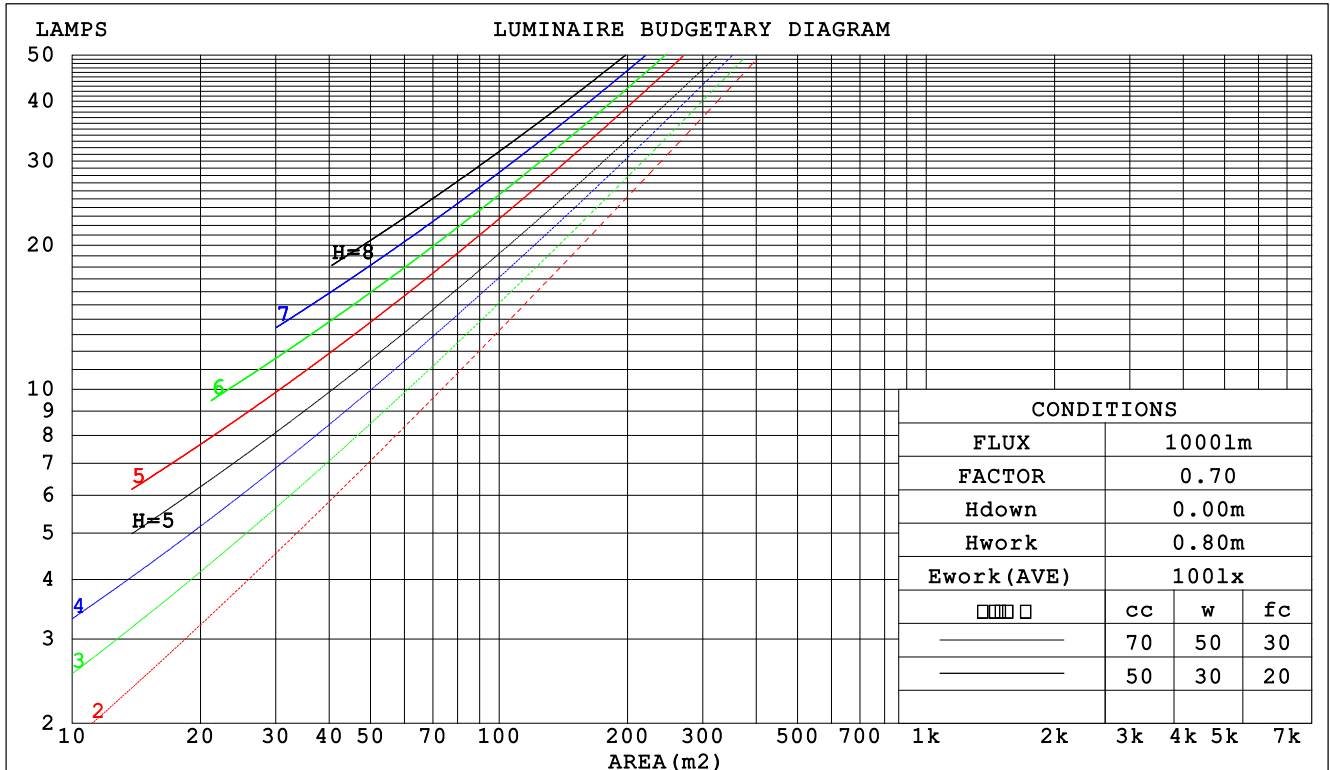
H(□) Range:-90 - 90DEG
H(□) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-10-19

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=1.0867]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.27V I:0.1398A P:31.218W PF:0.9469 Freq:49.99Hz Lamp Flux:4039.84x1 lm		
NAME: GLM-SPL6262-32W-D(RA90)	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															



H(□) Range:-90 - 90DEG
H(□) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-10-19

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=1.0867]
Remarks:

WEC AND CCEC

Test:U:220.27V I:0.1398A P:31.218W PF:0.9469 Freq:49.99Hz Lamp Flux:4039.84x1 lm		
NAME: GLM-SPL6262-32W-D(RA90)	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 Wall Exitance Coefficients(WEC)					
0.0						
1.0	.258 .147 .047	.251 .143 .046	.238 .137 .044	.227 .131 .042	.215 .125 .040	
2.0	.249 .137 .042	.243 .134 .041	.232 .129 .040	.222 .124 .039	.212 .120 .038	
3.0	.235 .125 .037	.230 .123 .037	.220 .119 .036	.211 .115 .035	.202 .112 .035	
4.0	.220 .114 .034	.216 .113 .033	.207 .110 .033	.199 .107 .032	.191 .104 .032	
5.0	.206 .105 .030	.202 .104 .030	.194 .101 .030	.187 .099 .029	.180 .096 .029	
6.0	.193 .097 .028	.190 .096 .028	.183 .094 .027	.176 .092 .027	.170 .090 .027	
7.0	.182 .090 .025	.178 .089 .025	.172 .087 .025	.166 .085 .025	.161 .084 .025	
8.0	.171 .084 .023	.168 .083 .023	.163 .081 .023	.157 .080 .023	.152 .078 .023	
9.0	.161 .078 .022	.159 .077 .022	.154 .076 .022	.149 .075 .021	.145 .073 .021	
10.0	.153 .073 .020	.150 .073 .020	.146 .071 .020	.142 .070 .020	.138 .069 .020	

□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 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	.103 .092 .082	.060 .054 .048	.019 .017 .015	
2.0	.167 .132 .103	.143 .114 .089	.098 .079 .062	.056 .046 .036	.018 .015 .012	
3.0	.158 .114 .079	.135 .098 .069	.093 .068 .048	.054 .040 .028	.017 .013 .009	
4.0	.150 .100 .063	.128 .087 .054	.088 .060 .038	.051 .035 .023	.016 .012 .007	
5.0	.142 .090 .051	.122 .078 .044	.084 .054 .031	.049 .032 .019	.016 .010 .006	
6.0	.135 .081 .042	.116 .070 .037	.080 .049 .026	.047 .029 .015	.015 .009 .005	
7.0	.129 .074 .036	.111 .064 .031	.077 .045 .022	.045 .027 .013	.014 .009 .004	
8.0	.123 .068 .031	.106 .059 .027	.073 .042 .019	.043 .024 .011	.014 .008 .004	
9.0	.117 .063 .027	.101 .055 .023	.070 .039 .017	.041 .023 .010	.013 .007 .003	
10.0	.112 .059 .024	.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:
Test Date:2021-10-19

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=1.0867]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:220.27V I:0.1398A P:31.218W PF:0.9469 Freq:49.99Hz Lamp Flux:4039.84x1 lm										
NAME: GLM-SPL6262-32W-D(RA90)					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	16.0	17.4	16.3	17.6	17.8	15.9	17.3	16.2	17.4	17.6
3H	17.0	18.3	17.3	18.5	18.7	17.0	18.3	17.3	18.5	18.7
4H	17.6	18.7	17.9	19.0	19.2	17.5	18.7	17.8	18.9	19.2
6H	17.9	19.1	18.3	19.3	19.6	17.5	18.6	17.9	18.9	19.2
8H	18.0	19.1	18.4	19.4	19.7	17.5	18.5	17.8	18.8	19.1
12H	18.1	19.1	18.4	19.4	19.7	17.4	18.5	17.8	18.7	19.0
4H 2H	16.3	17.5	16.6	17.7	18.0	16.2	17.4	16.5	17.6	17.9
3H	17.5	18.5	17.8	18.8	19.1	17.5	18.5	17.8	18.8	19.1
4H	18.2	19.1	18.5	19.4	19.7	18.1	19.0	18.5	19.3	19.7
6H	18.7	19.5	19.1	19.8	20.2	18.2	19.0	18.6	19.3	19.7
8H	18.8	19.6	19.2	19.9	20.3	18.1	18.9	18.5	19.2	19.6
12H	18.9	19.6	19.3	19.9	20.3	18.1	18.8	18.5	19.2	19.6
8H 4H	18.3	19.1	18.7	19.4	19.8	18.2	19.0	18.6	19.3	19.7
6H	19.0	19.6	19.4	20.0	20.4	18.3	19.0	18.8	19.4	19.8
8H	19.2	19.7	19.6	20.1	20.6	18.3	18.8	18.7	19.3	19.7
12H	19.2	19.7	19.7	20.2	20.6	18.2	18.7	18.7	19.2	19.6
12H 4H	18.3	19.0	18.7	19.4	19.8	18.2	18.9	18.6	19.3	19.7
6H	18.9	19.5	19.4	19.9	20.4	18.3	18.9	18.8	19.3	19.8
8H	19.1	19.6	19.6	20.1	20.5	18.3	18.8	18.8	19.2	19.7
Variations with the observer position at spacings:										
S = 1.0H	+ 0.4 / - 0.5					+ 0.5 / - 0.5				
1.5H	+ 0.2 / - 0.2					+ 0.3 / - 0.3				
2.0H	+ 0.7 / - 0.8					+ 0.7 / - 0.7				

CIE Pub.117, 4040 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 4.9$)

H(□) Range:-90 - 90DEG
H(□) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-10-19

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=1.0867]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:220.27V I:0.1398A P:31.218W PF:0.9469 Freq:49.99Hz Lamp Flux:4039.84x1 lm		
NAME: GLM-SPL6262-32W-D (RA90)	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:

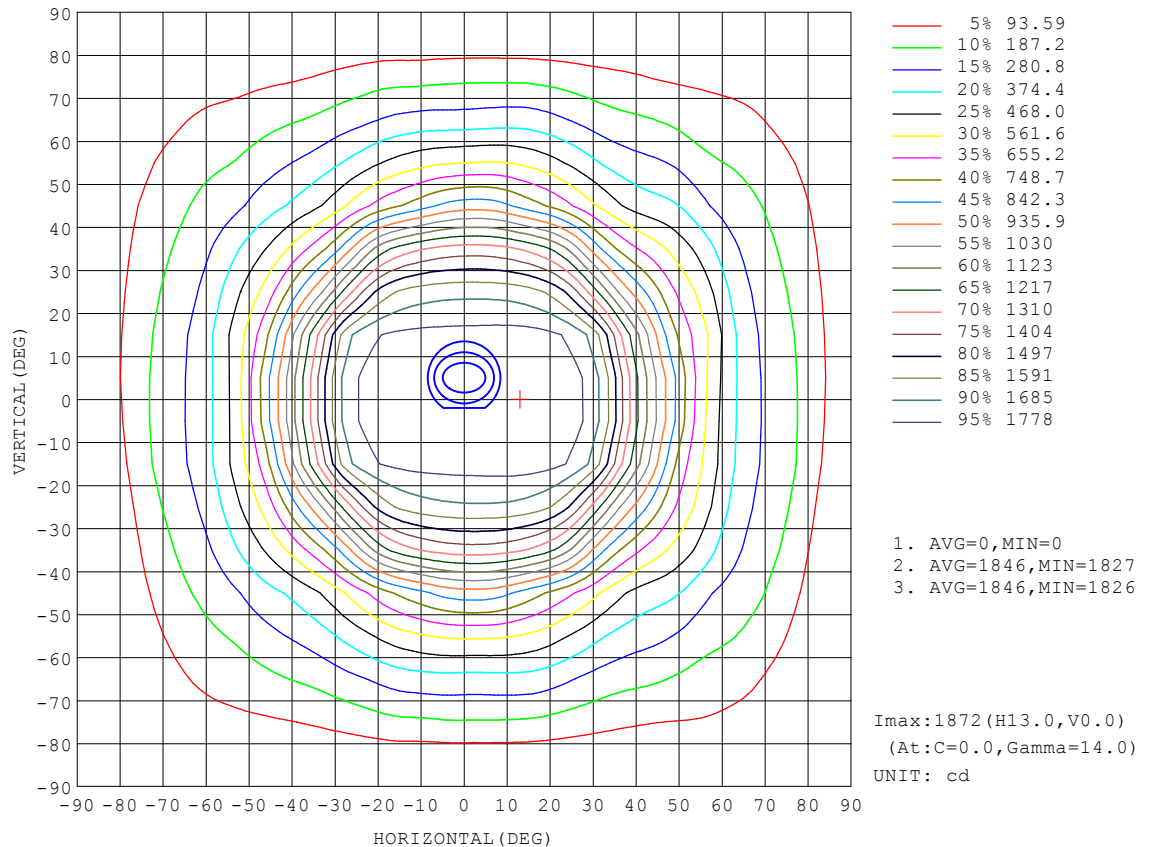
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	66	56	50	65	56	50	64	55	49	44
0.80	76	66	59	75	65	59	73	65	59	53
1.00	83	74	68	82	73	68	80	74	67	61
1.25	90	81	75	88	80	75	86	79	74	68
1.50	94	86	80	93	85	80	90	83	79	72
2.00	100	93	87	98	92	87	95	90	85	78
2.50	103	97	92	101	95	91	97	93	89	81
3.00	106	100	96	104	99	95	100	96	92	85
4.00	109	104	101	107	103	99	103	99	97	88
5.00	111	107	104	109	105	102	104	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:2021-10-19

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=1.0867]
Remarks:

ISOCANDELA DIAGRAM

Test:U:220.27V I:0.1398A P:31.218W PF:0.9469 Freq:49.99Hz Lamp Flux:4039.84x1 lm		
NAME: GLM-SPL6262-32W-D (RA90)	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:

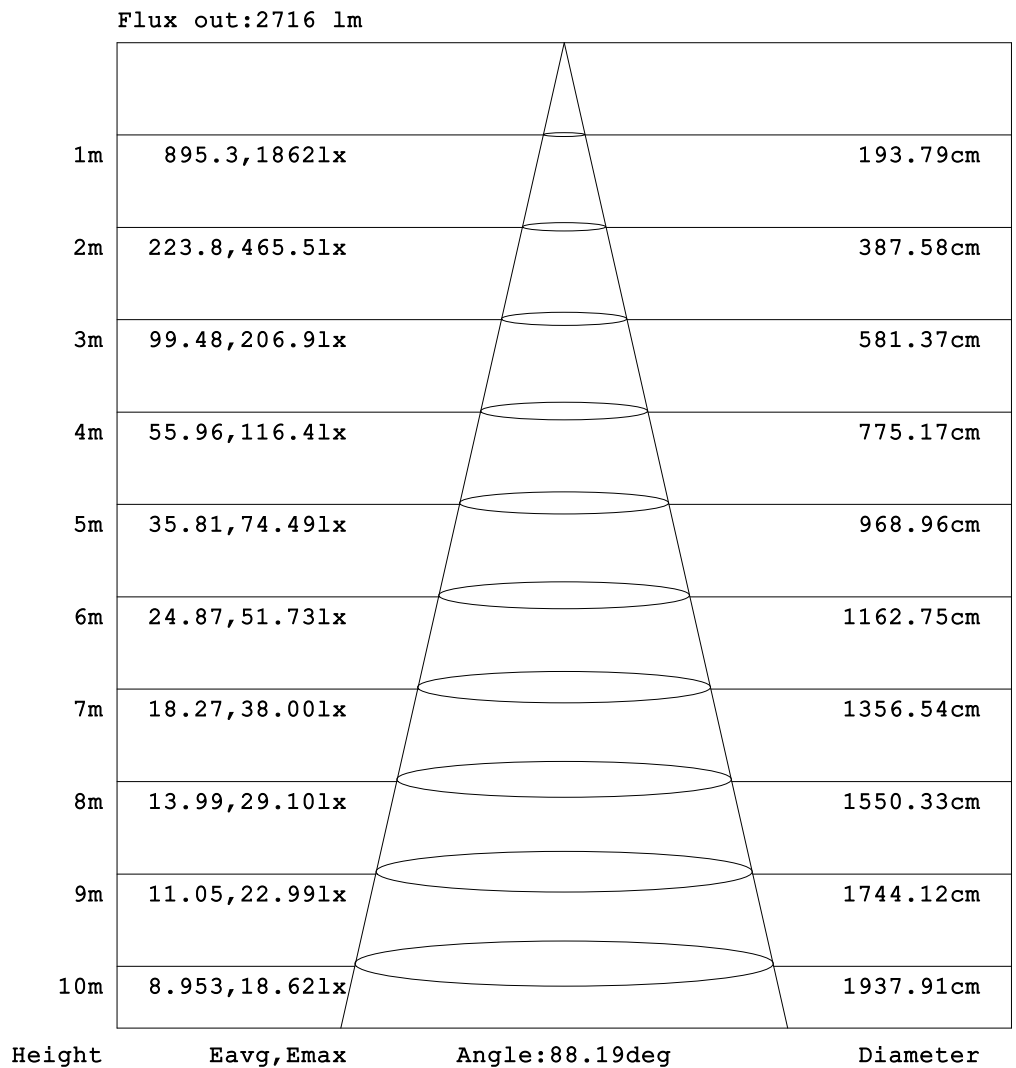


H() Range:-90 - 90DEG
H() Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-10-19

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=1.0867]
Remarks:

AAI Figure

Test:U:220.27V I:0.1398A P:31.218W PF:0.9469 Freq:49.99Hz Lamp Flux:4039.84x1 lm		
NAME: GLM-SPL6262-32W-D(RA90)	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:



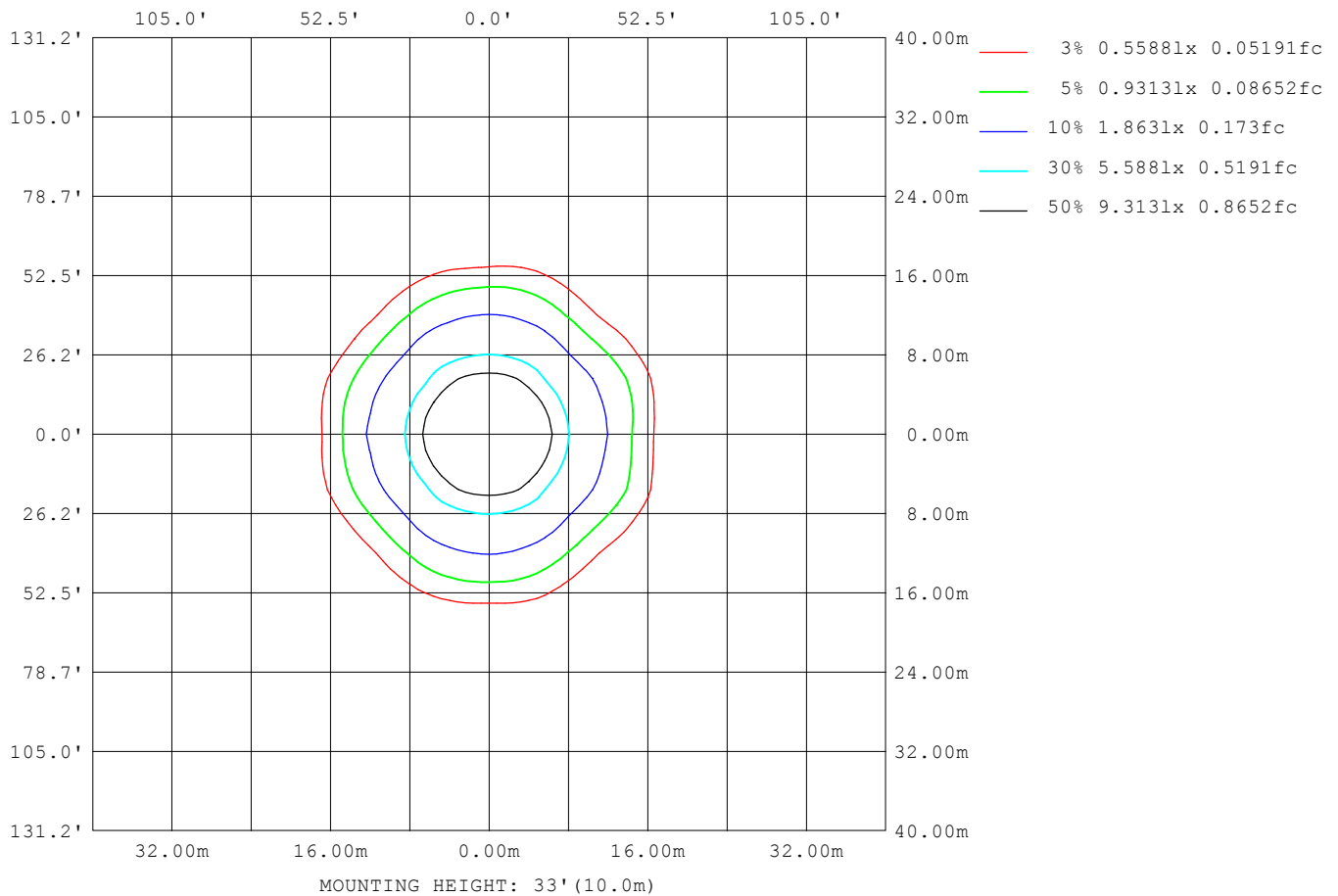
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

H(□) Range:-90 - 90DEG
H(□) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-10-19

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=1.0867]
Remarks:

ISOLUX DIAGRAM

Test:U:220.27V I:0.1398A P:31.218W PF:0.9469 Freq:49.99Hz Lamp Flux:4039.84x1 lm		
NAME: GLM-SPL6262-32W-D (RA90)	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:2021-10-19

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=1.0867]
Remarks:

LED Avg.L Report

Test:U:220.27V I:0.1398A P:31.218W PF:0.9469 Freq:49.99Hz Lamp Flux:4039.84x1 lm		
NAME: GLM-SPL6262-32W-D (RA90)	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:

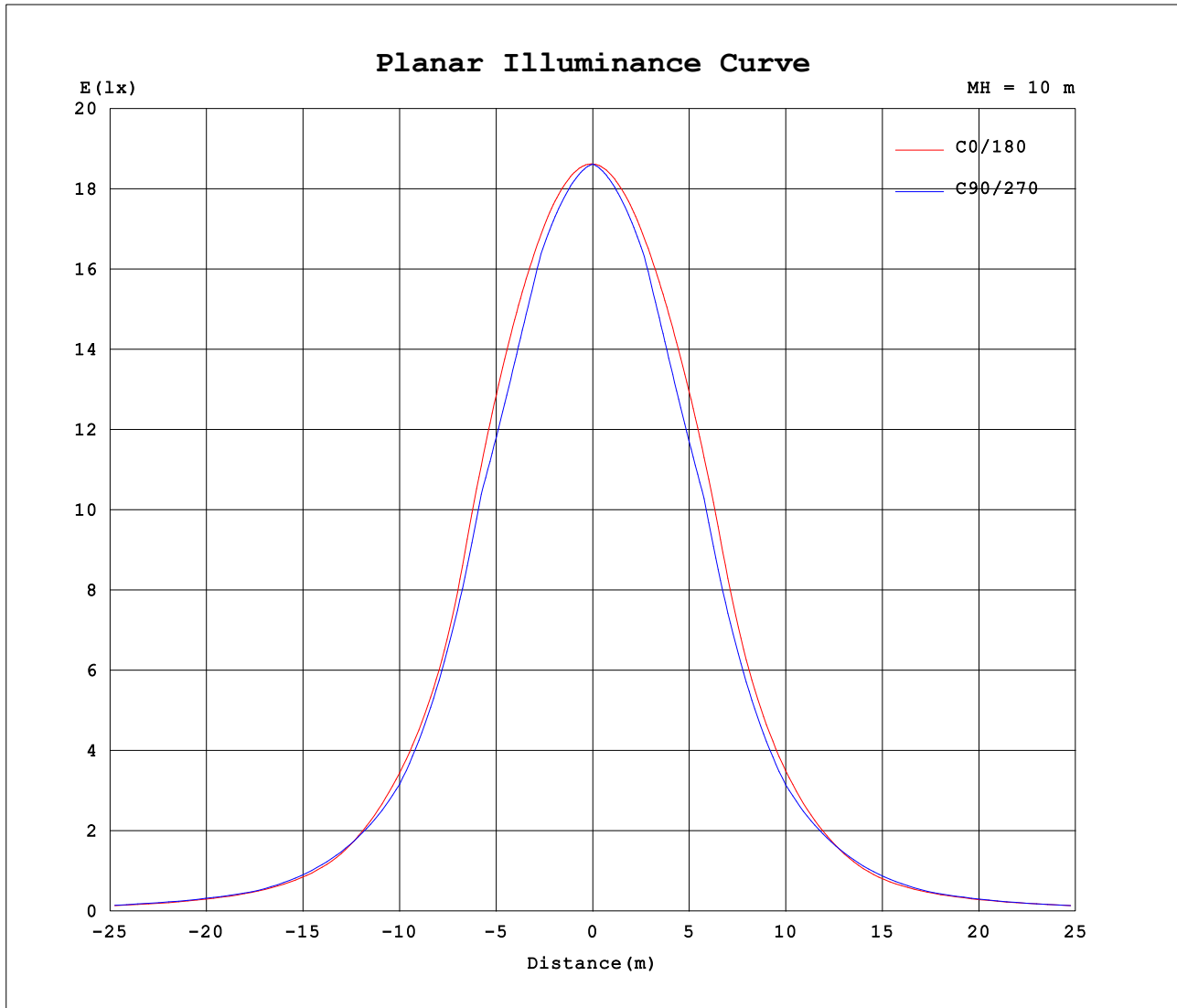
AvgL	cd/m2
L_0~180 (65) av	2137
L_0~180 (75) av	2194
L_0~180 (85) av	1222
L_90~270 (65) av	2252
L_90~270 (75) av	1928
L_90~270 (85) av	0
L_45 (65) av	1955
L_45 (75) av	1610
L_45 (85) av	0

Standard: GB/T 29293-2012

H(□) Range:-90 - 90DEG
H(□) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-10-19

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=1.0867]
Remarks:

Planar Illuminance Curve



H(□) Range:-90 - 90DEG
H(□) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-10-19

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=1.0867]
Remarks:

