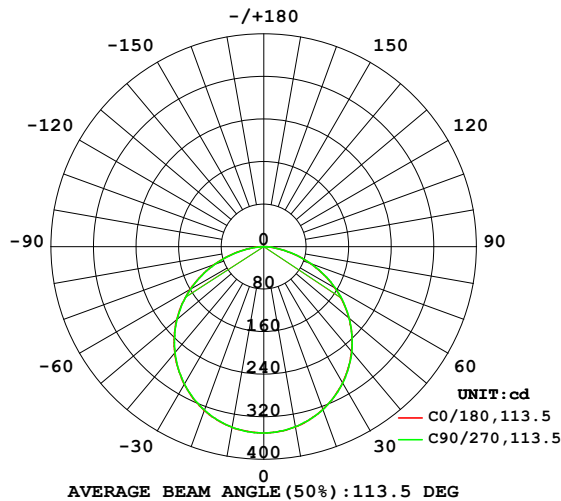


LUMINAIRE PHOTOMETRIC TEST REPORT

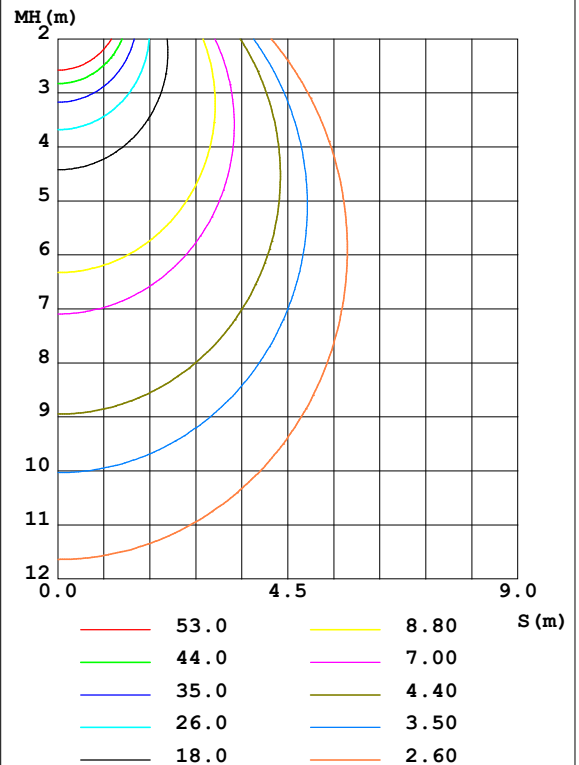
Test:U:119.96V I:0.1348A P:15.178W PF:0.9384 Freq:59.98Hz Lamp Flux:1005.96x1 lm					
NAME: 无边框面板灯		TYPE:		WEIGHT:	
SPEC.:3000K 90		DIM.:		SERIAL No.:	
MFR.: ADS		SUR.:		Shielding Angle:	

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 66.28 lm/W
MODEL	ADS-SF-7R-930KWH	I _{max} (cd)	350.4	S/MH (C0/180)	1.27	
NOMINAL POWER (W)	15	LOR (%)	100.0	S/MH (C90/270)	1.27	
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	1006.0	□ UP, DN (C0-180)	0.0, 49.7	
NOMINAL FLUX (lm)	1005.96	CIE CLASS	DIRECT	□ UP, DN (C180-360)	0.0, 50.3	
LAMPS INSIDE	1	□ up (%)	0.0	CIBSE SHR NOM	1.25	
TEST VOLTAGE (V)	120	□ down (%)	100.0	CIBSE SHR MAX	1.35	

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2021-01-11

□ Range: 0 - 90DEG
□ Interval: 1.0DEG
Test System: EVERFINE GO-SPEX500_V1 SYSTEM V2.00.421
Humidity: 65.0%
Test Distance: 3.080m [K=1.0000]
Remarks: Energy Efficient Lighting LTD.

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

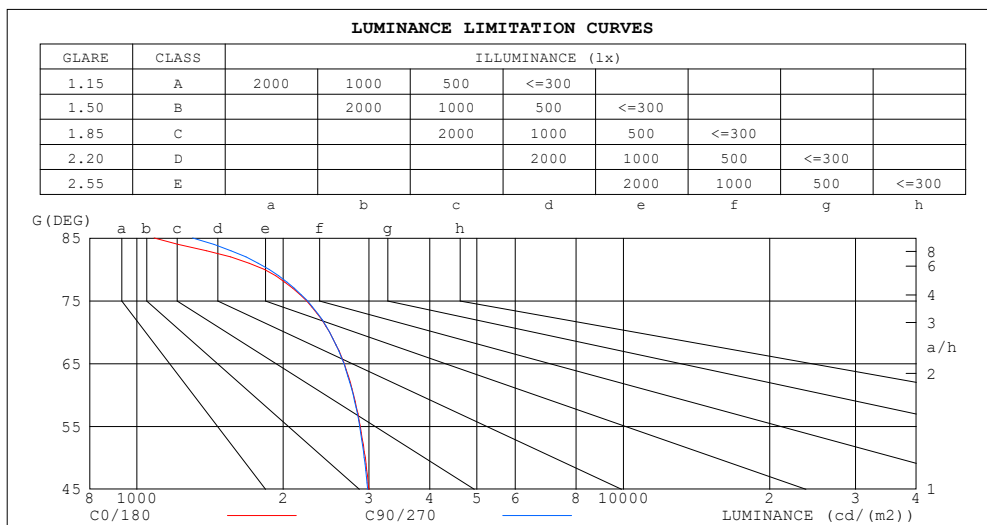
°	C0	C45	C90	C135	C180	C225	C270	C315	°	□ zone	□ total	%lum, lamp
10	344.1	343.8	343.7	344.2	344.7	345.0	344.6	343.9	0- 10	33.14	33.14	3.29,3.29
20	325.5	325.3	326.1	326.3	327.7	327.8	327.0	326.2	10- 20	95.07	128.2	12.7,12.7
30	296.2	295.7	296.7	297.5	298.8	299.4	298.4	297.4	20- 30	144.4	272.6	27.1,27.1
40	257.1	256.9	257.4	259.0	260.5	260.9	260.1	258.4	30- 40	174.7	447.3	44.5,44.5
50	209.5	208.7	209.9	211.5	214.0	214.3	213.0	211.3	40- 50	182.0	629.3	62.6,62.6
60	154.1	153.7	155.0	156.9	159.3	159.7	158.3	156.3	50- 60	165.1	794.4	79,79
70	94.06	93.63	94.80	97.13	99.29	99.63	98.17	96.00	60- 70	125.5	919.9	91.4,91.4
80	35.09	34.97	36.12	38.12	39.23	40.02	38.41	36.69	70- 80	69.97	989.9	98.4,98.4
90	0.2207	0.2010	0.1949	0.1886	0.5645	0.2946	0.3032	0.3122	80- 90	16.05	1006	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		

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-01-11

□ Range: 0 - 90DEG
□ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:3.080m [K=1.0000]
Remarks: Energy Efficient Lighting LTD.

LUMINANCE LIMITATION CURVES

Test:U:119.96V I:0.1348A P:15.178W PF:0.9384 Freq:59.98Hz Lamp Flux:1005.96x1 lm		
NAME: 无边框面板灯	TYPE:	WEIGHT:
SPEC.:3000K 90	DIM.:	SERIAL No.:
MFR.: ADS	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	1085	1303
80	1829	1869
75	2232	2243
70	2489	2491
65	2668	2665
60	2790	2786
55	2880	2873
50	2951	2935
45	2998	2982

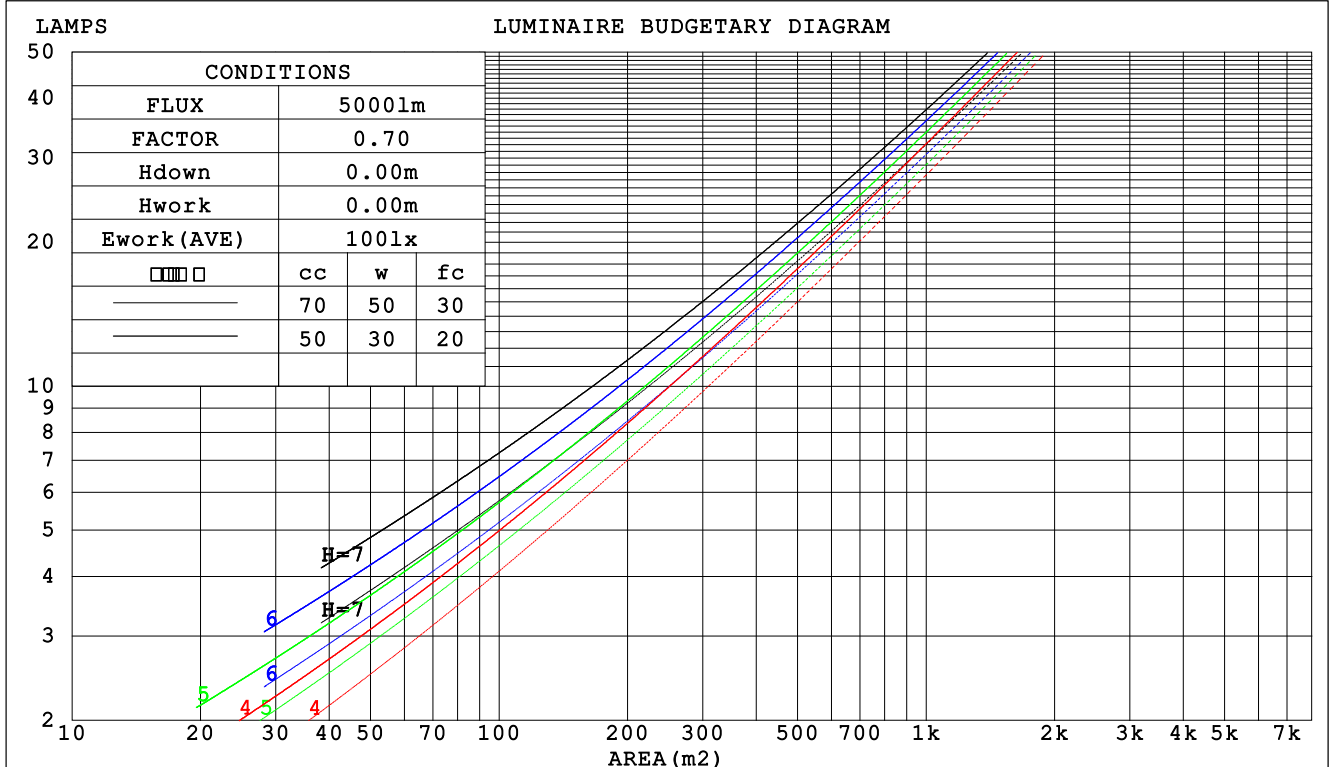
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-01-11

☐ Range: 0 - 90DEG
☐ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:3.080m [K=1.0000]
Remarks: Energy Efficient Lighting LTD.

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:119.96V I:0.1348A P:15.178W PF:0.9384 Freq:59.98Hz Lamp Flux:1005.96x1 lm		
NAME: 无边框面板灯	TYPE:	WEIGHT:
SPEC.:3000K 90	DIM.:	SERIAL No.:
MFR.: ADS	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															



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-01-11

□ Range: 0 - 90DEG
□ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:3.080m [K=1.0000]
Remarks: Energy Efficient Lighting LTD.

WEC AND CCEC

Test:U:119.96V I:0.1348A P:15.178W PF:0.9384 Freq:59.98Hz Lamp Flux:1005.96x1 lm		
NAME: 无边框面板灯	TYPE:	WEIGHT:
SPEC.:3000K 90	DIM.:	SERIAL No.:
MFR.: ADS	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	.307 .175 .055	.300 .171 .054	.287 .165 .053	.275 .158 .051	.264 .153 .049	
2.0	.291 .159 .049	.285 .157 .048	.273 .152 .047	.262 .147 .046	.252 .143 .045	
3.0	.270 .144 .043	.264 .141 .043	.254 .138 .042	.244 .134 .041	.235 .130 .040	
4.0	.249 .129 .038	.244 .128 .038	.235 .125 .037	.227 .122 .037	.219 .119 .036	
5.0	.230 .117 .034	.226 .116 .034	.218 .113 .033	.210 .111 .033	.203 .109 .033	
6.0	.214 .107 .031	.210 .106 .031	.203 .104 .030	.196 .102 .030	.190 .100 .030	
7.0	.199 .098 .028	.196 .097 .028	.189 .096 .028	.183 .094 .027	.177 .092 .027	
8.0	.186 .091 .026	.183 .090 .025	.177 .088 .025	.172 .087 .025	.166 .085 .025	
9.0	.174 .084 .024	.171 .084 .023	.166 .082 .023	.161 .081 .023	.157 .080 .023	
10.0	.164 .079 .022	.161 .078 .022	.157 .077 .022	.152 .076 .021	.148 .074 .021	

☐ 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	.180 .156 .135	.154 .134 .116	.105 .092 .080	.061 .053 .047	.019 .017 .015	
2.0	.172 .132 .098	.147 .114 .085	.101 .079 .059	.058 .046 .035	.019 .015 .011	
3.0	.164 .114 .074	.141 .099 .064	.097 .068 .045	.056 .040 .027	.018 .013 .009	
4.0	.157 .101 .058	.135 .087 .051	.093 .061 .036	.054 .036 .021	.017 .012 .007	
5.0	.149 .091 .047	.128 .078 .041	.088 .055 .029	.051 .032 .017	.017 .010 .006	
6.0	.142 .082 .039	.122 .071 .034	.084 .050 .024	.049 .029 .014	.016 .010 .005	
7.0	.135 .075 .033	.117 .065 .029	.081 .046 .020	.047 .027 .012	.015 .009 .004	
8.0	.129 .070 .029	.111 .060 .025	.077 .042 .018	.045 .025 .011	.014 .008 .003	
9.0	.123 .065 .025	.106 .056 .022	.073 .039 .016	.043 .023 .009	.014 .008 .003	
10.0	.117 .060 .022	.101 .052 .020	.070 .037 .014	.041 .022 .008	.013 .007 .003	

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-01-11

☐ Range: 0 - 90DEG
☐ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:3.080m [K=1.0000]
Remarks: Energy Efficient Lighting LTD.

UGR(Unified Glare Rating) Table

Test:U:119.96V I:0.1348A P:15.178W PF:0.9384 Freq:59.98Hz Lamp Flux:1005.96x1 lm										
NAME: 无边框面板灯					TYPE:			WEIGHT:		
SPEC.:3000K 90					DIM.:			SERIAL No.:		
MFR.: ADS					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	18.1	16.8	18.3	18.5	16.5	18.0	16.8	18.2	18.5
3H	18.0	19.4	18.3	19.7	19.9	18.0	19.4	18.3	19.6	19.9
4H	18.6	19.9	18.9	20.2	20.4	18.6	19.9	18.9	20.2	20.4
6H	18.9	20.2	19.2	20.4	20.7	18.9	20.2	19.2	20.4	20.7
8H	19.0	20.2	19.3	20.5	20.8	19.0	20.2	19.3	20.5	20.8
12H	19.0	20.2	19.3	20.4	20.8	19.0	20.2	19.4	20.5	20.8
4H 2H	17.1	18.5	17.4	18.7	19.0	17.1	18.5	17.4	18.7	19.0
3H	18.8	20.0	19.1	20.2	20.6	18.8	19.9	19.1	20.2	20.5
4H	19.4	20.5	19.8	20.8	21.2	19.4	20.5	19.8	20.8	21.2
6H	19.9	20.8	20.3	21.2	21.6	19.9	20.9	20.3	21.2	21.6
8H	20.0	20.9	20.4	21.3	21.6	20.0	20.9	20.5	21.3	21.7
12H	20.0	20.8	20.5	21.2	21.6	20.1	20.9	20.5	21.3	21.7
8H 4H	19.7	20.6	20.1	20.9	21.3	19.7	20.6	20.1	20.9	21.3
6H	20.2	21.0	20.7	21.4	21.8	20.3	21.0	20.7	21.4	21.8
8H	20.4	21.1	20.9	21.5	21.9	20.5	21.1	20.9	21.5	22.0
12H	20.5	21.0	21.0	21.5	22.0	20.6	21.1	21.1	21.6	22.1
12H 4H	19.7	20.5	20.1	20.9	21.3	19.7	20.5	20.1	20.9	21.3
6H	20.3	20.9	20.7	21.4	21.8	20.3	21.0	20.8	21.4	21.8
8H	20.5	21.0	20.9	21.5	21.9	20.5	21.1	21.0	21.5	22.0
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				

CIE Pub.117, 1006 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 0.0)
Area: 0.111111 m2

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-01-11

☐ Range: 0 - 90DEG
☐ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:3.080m [K=1.0000]
Remarks: Energy Efficient Lighting LTD.

UTILIZATION FACTORS TABLE

Test:U:119.96V I:0.1348A P:15.178W PF:0.9384 Freq:59.98Hz Lamp Flux:1005.96x1 lm		
NAME: 无边框面板灯	TYPE:	WEIGHT:
SPEC.:3000K 90	DIM.:	SERIAL No.:
MFR.: ADS	SUR.:	Shielding Angle:

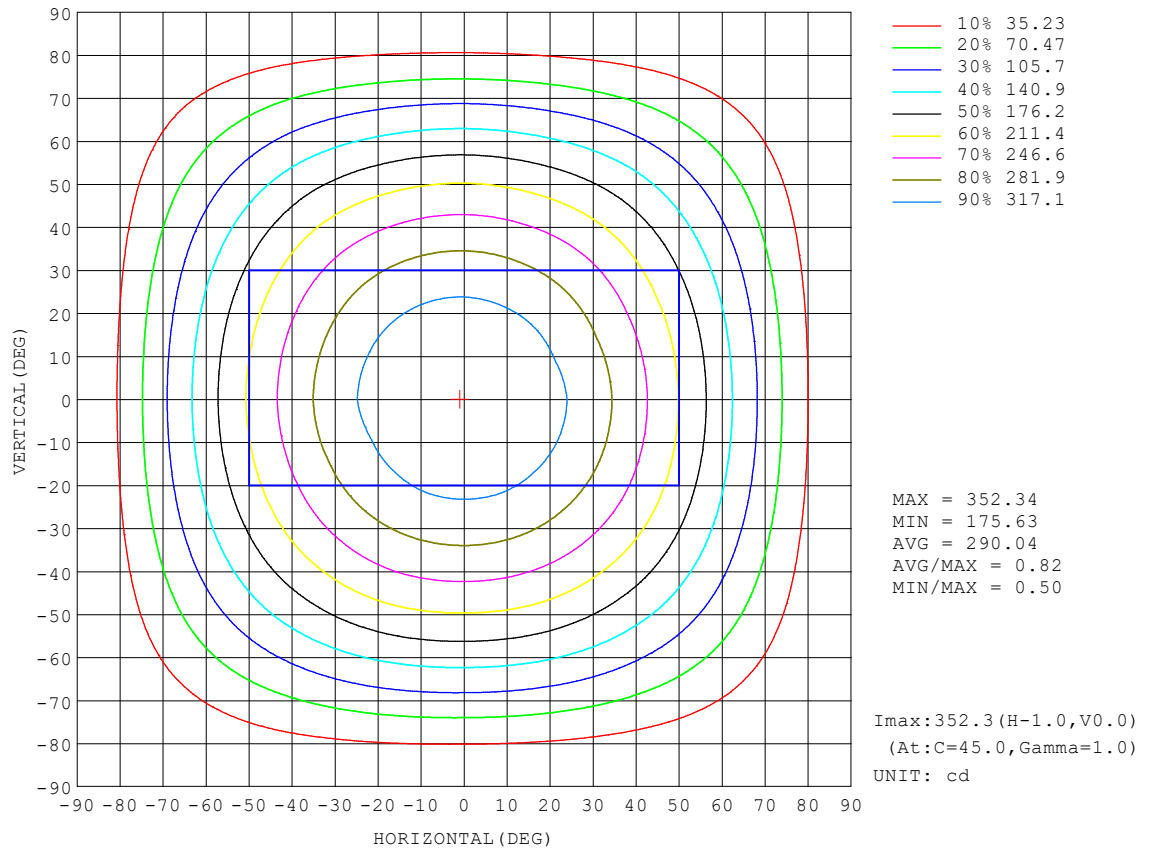
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	57	46	39	57	46	39	55	45	38	32
0.80	67	56	48	66	55	48	65	55	48	41
1.00	76	65	57	75	64	57	72	66	57	50
1.25	83	73	65	82	72	65	79	70	64	57
1.50	88	78	71	86	77	71	83	76	70	62
2.00	95	86	80	93	85	79	90	83	78	70
2.50	99	91	85	97	90	84	93	87	82	74
3.00	102	95	90	100	94	89	96	91	87	78
4.00	106	101	96	104	99	95	100	96	92	83
5.00	109	104	100	106	102	98	102	98	95	86
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNM = 1.25		

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-01-11

☐ Range: 0 - 90DEG
☐ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:3.080m [K=1.0000]
Remarks: Energy Efficient Lighting LTD.

ISOCANDELA DIAGRAM

Test:U:119.96V I:0.1348A P:15.178W PF:0.9384 Freq:59.98Hz Lamp Flux:1005.96x1 lm		
NAME: 无边框面板灯	TYPE:	WEIGHT:
SPEC.:3000K 90	DIM.:	SERIAL No.:
MFR.: ADS	SUR.:	Shielding Angle:

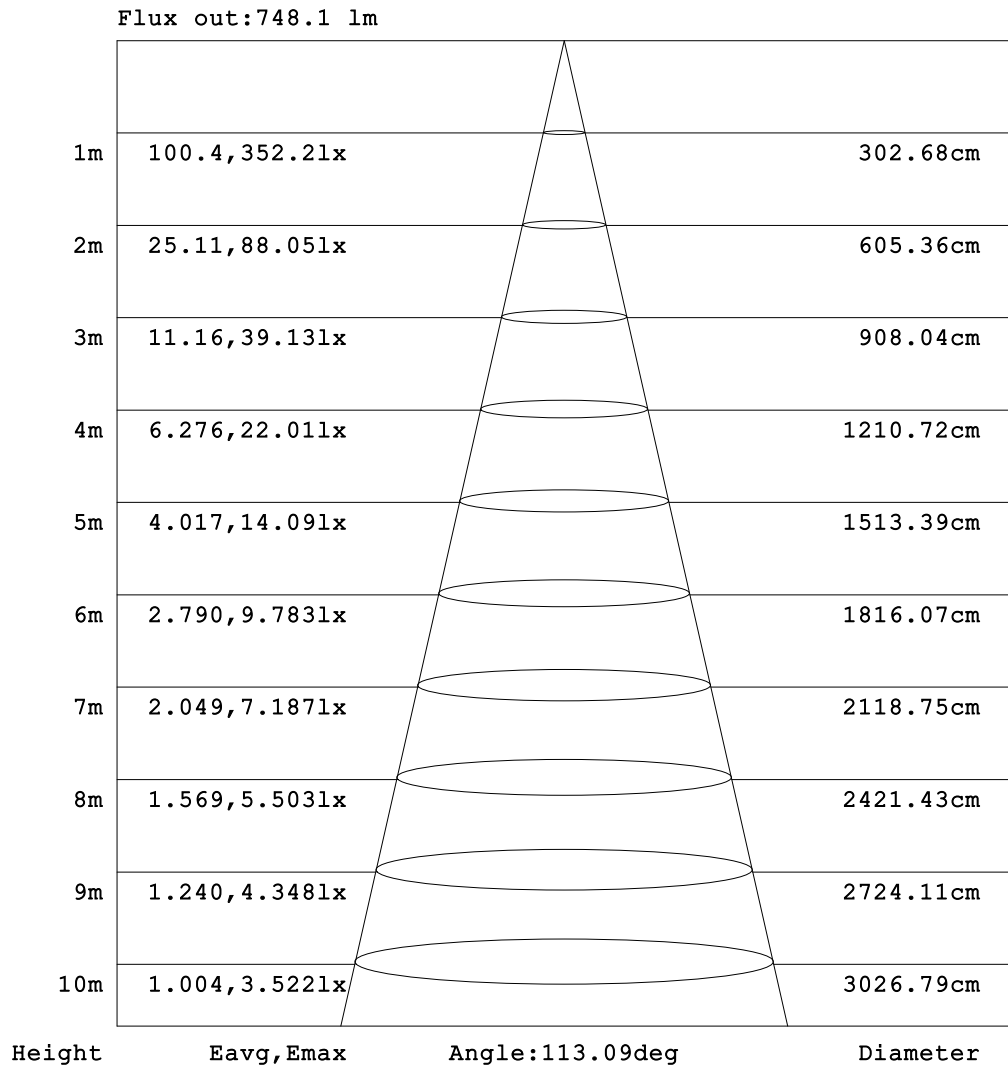


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-01-11

☐ Range: 0 - 90DEG
☐ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:3.080m [K=1.0000]
Remarks: Energy Efficient Lighting LTD.

AAI Figure

Test:U:119.96V I:0.1348A P:15.178W PF:0.9384 Freq:59.98Hz Lamp Flux:1005.96x1 lm		
NAME: 无边框面板灯	TYPE:	WEIGHT:
SPEC.:3000K 90	DIM.:	SERIAL No.:
MFR.: ADS	SUR.:	Shielding Angle:



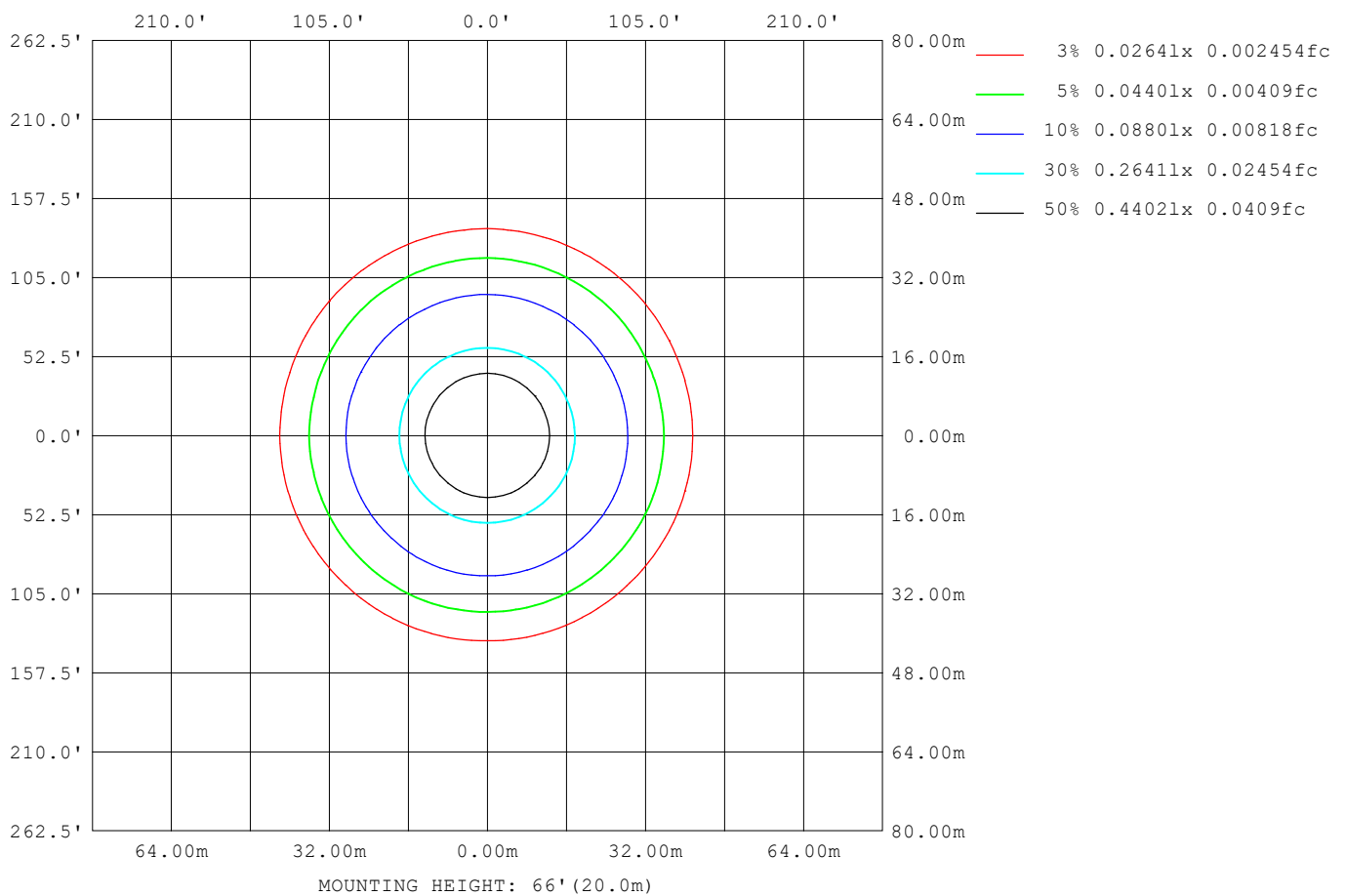
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-01-11

☐ Range: 0 - 90DEG
☐ Interval: 1.0DEG
 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.421
 Humidity:65.0%
 Test Distance:3.080m [K=1.0000]
 Remarks: Energy Efficient Lighting LTD.

ISOLUX DIAGRAM

Test:U:119.96V I:0.1348A P:15.178W PF:0.9384 Freq:59.98Hz Lamp Flux:1005.96x1 lm		
NAME: 无边框面板灯	TYPE:	WEIGHT:
SPEC.:3000K 90	DIM.:	SERIAL No.:
MFR.: ADS	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-01-11

☐ Range: 0 - 90DEG
☐ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:3.080m [K=1.0000]
Remarks: Energy Efficient Lighting LTD.

LED Avg.L Report

Test:U:119.96V I:0.1348A P:15.178W PF:0.9384 Freq:59.98Hz Lamp Flux:1005.96x1 lm		
NAME: 无边框面板灯	TYPE:	WEIGHT:
SPEC.:3000K 90	DIM.:	SERIAL No.:
MFR.: ADS	SUR.:	Shielding Angle:

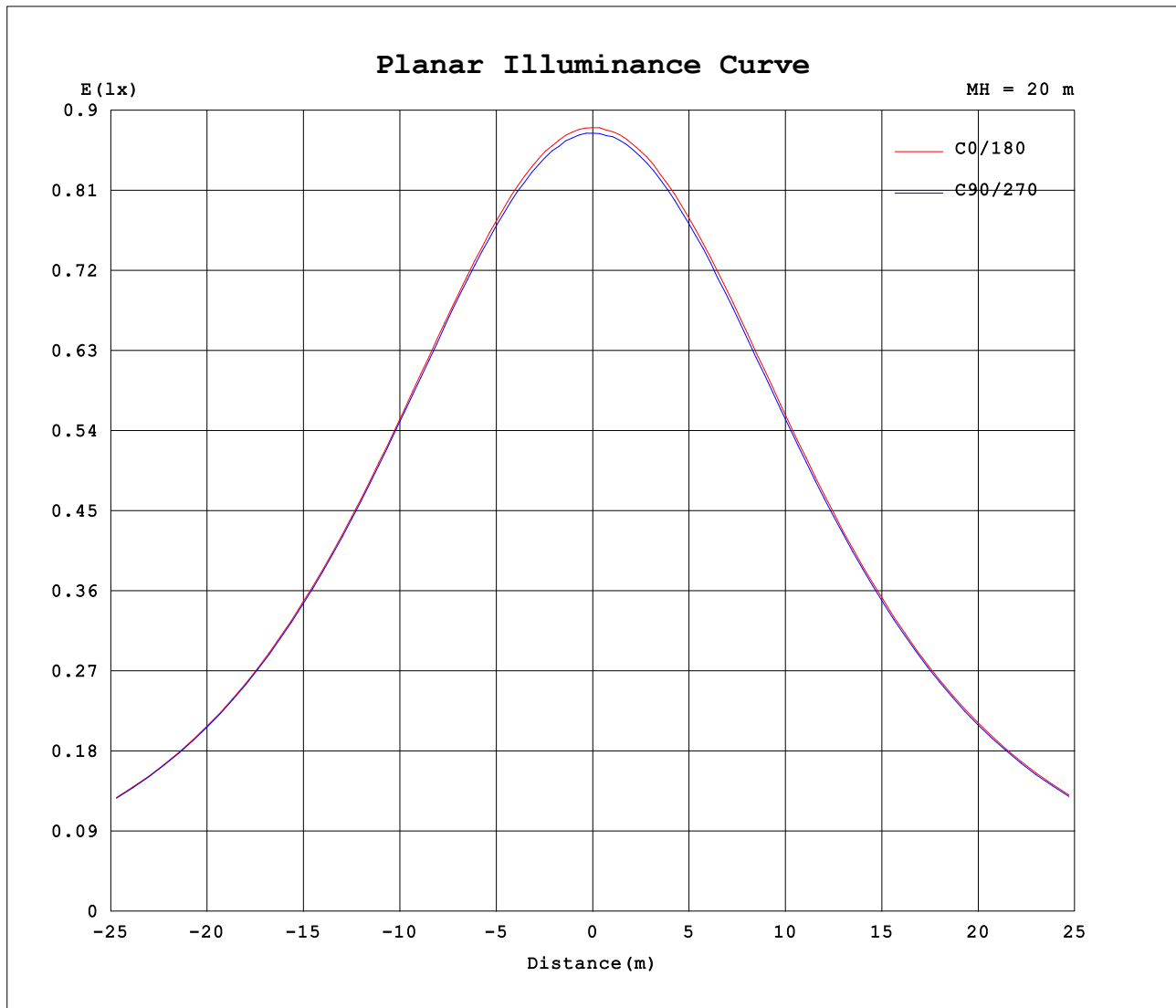
AvgL	cd/m2
L_0~180 (65) av	2707
L_0~180 (75) av	2305
L_0~180 (85) av	1232
L_90~270 (65) av	2705
L_90~270 (75) av	2295
L_90~270 (85) av	1371
L_45 (65) av	2706
L_45 (75) av	2300
L_45 (85) av	1383

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-01-11

☐ Range: 0 - 90DEG
☐ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:3.080m [K=1.0000]
Remarks: Energy Efficient Lighting LTD.

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2021-01-11

☐ Range: 0 - 90DEG
☐ Interval: 1.0DEG
 Test System: EVERFINE GO-SPEX500_V1 SYSTEM V2.00.421
 Humidity: 65.0%
 Test Distance: 3.080m [K=1.0000]
 Remarks: Energy Efficient Lighting LTD.

☐ Range: 0 - 90DEG
☐ Interval: 1.0DEG
 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.421
 Humidity:65.0%
 Test Distance:3.080m [K=1.0000]
 Remarks: Energy Efficient Lighting LTD.