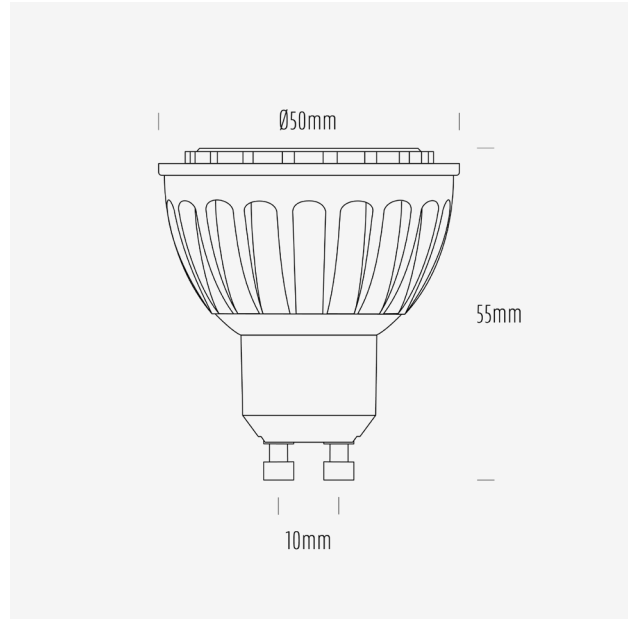


AGL 560 Series

GU10 LED Globes



AGL-560-30F60 / 3000K / GU10 / 60°



Product Data

Product Code	AGL-560-30F60
Description	Aqualux 560 Series LED Lamp
Type	GU10
Construction	Aluminium Heatsink + PMMA Optic
Warranty	3 Years

Electrical Data

Input Voltage Range	240V AC			
Nominal Voltage	240VAC			
Nominal Power	6W			
Nominal Current	25mA			
Input Voltage	-	-	-	240VAC
Rated Power	-	-	-	5.9
Operating Frequency	-	-	-	50Hz

Max. no. of lamps on AQD24-040	-	-	-	-
Max. no. of lamps on AQD24-100	-	-	-	-
Max. no. of lamps on AQD24-240	-	-	-	-

Dimming Compatibility	Phasecut
Wiring Scheme	Parallel
Startup Time	< 0.5s

Mechanical & Thermal Data

Overall Length	55mm
Max Diameter	50mm
Lamp Base	GU10
Weight	68g
Operating Temp Range	-20° - 45°
IP Rating	IP20

Photometric Data

Nominal Flux (lm)	560			
Input Voltage	-	-	-	240VAC
Input Power (W)	-	-	-	5.9
Rated Flux (lm)	-	-	-	496
Efficacy (lm/W)	-	-	-	85

CCT	3000K
CCT Description	Warm White
CRI (Ra)	84
CRI (R9)	11
TM-30 (Rf)	84
TM-30 (Rg)	97
SDCM	-
Peak Intensity (cd)	544
Nominal Beam Angle	60°
Measured Beam Angle (FWHM)	42°

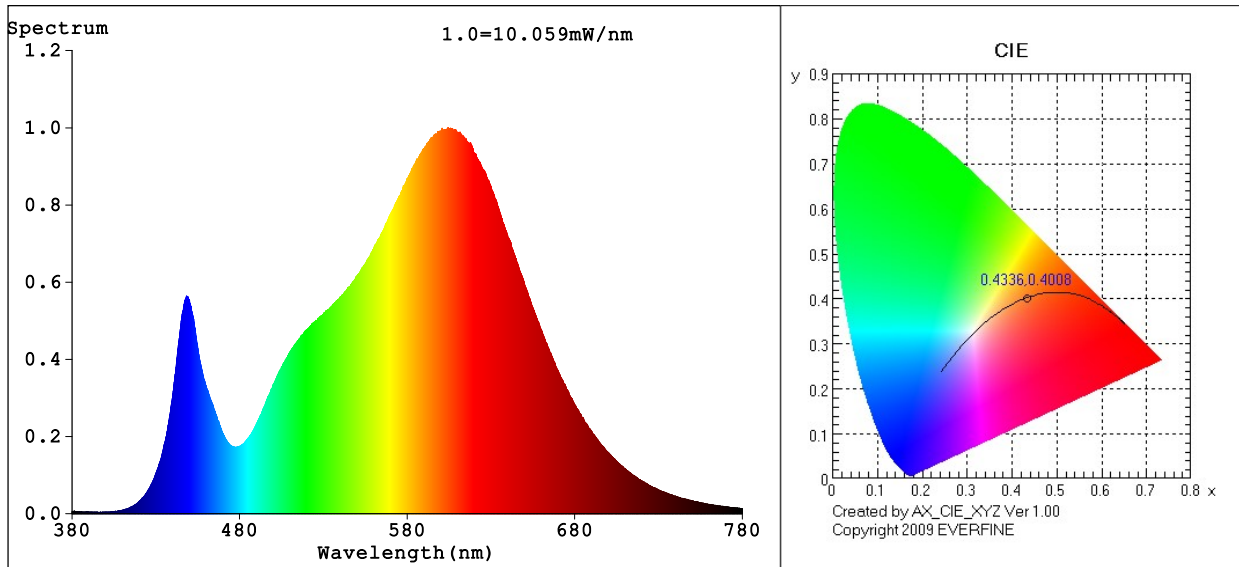
Lifespan Data

L70	15,000h
Switching Cycles	15,000

Compliance Data

EMI	Yes
RCM	YES - SAA
Mercury Content	0mg

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4336$ $y=0.4008$ / $u'=0.2498$ $v'=0.5196$
 CCT=3030K (Duv=-0.0008) Dominant WL:Ld =583.0nm WL:Lc = --nm Purity=50.5%
 Ratio:R=22.9% G=74.6% B=2.5%; Peak WL:Lp=604.5nm FWHM=132.1nm
 Render Index:Ra=83.5 AvgR=78.1 TM30:Rf=84 Rg=97

R1 =82 R2 =91 R3 =97 R4 =82 R5 =82 R6 =89 R7 =84
 R8 =61 R9 =11 R10=79 R11=82 R12=73 R13=84 R14=99 R15=75

Photo Parameters:

Flux = 495.9 lm Eff. : 84.56 lm/W Fe = 1.520 W

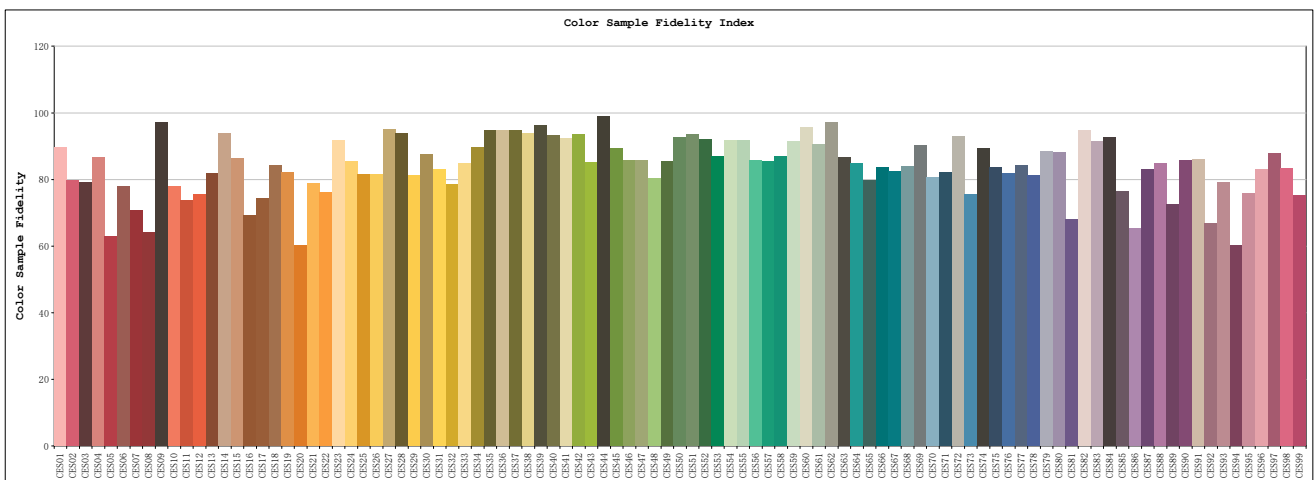
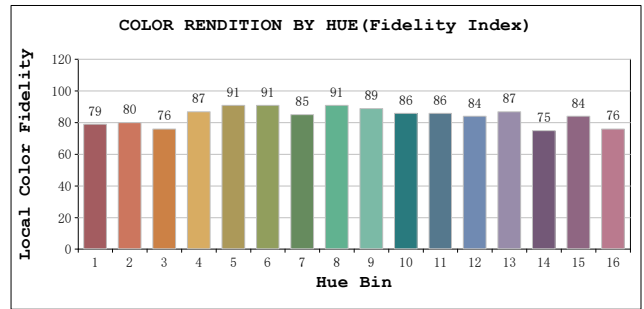
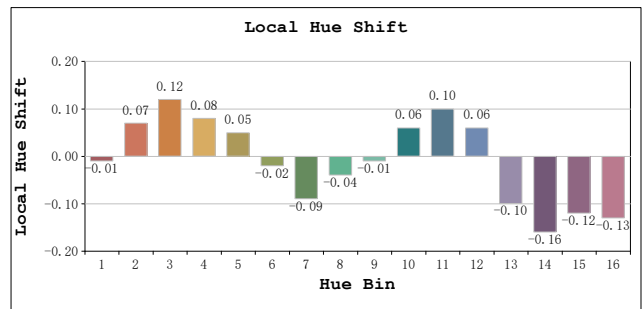
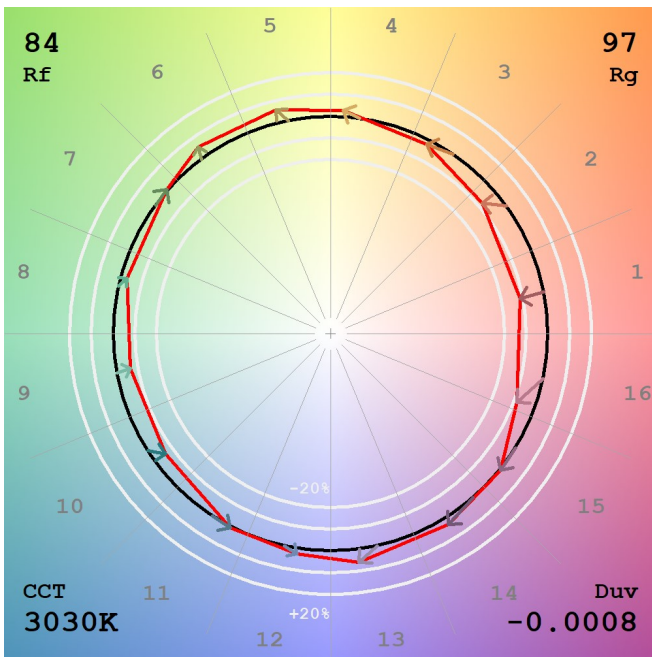
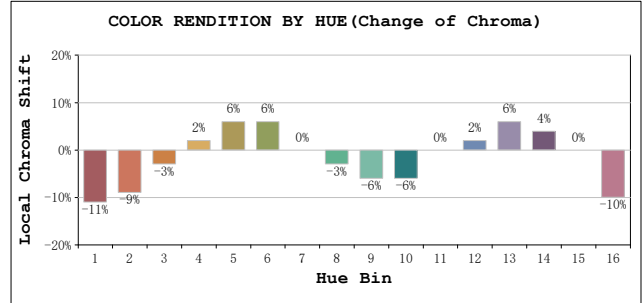
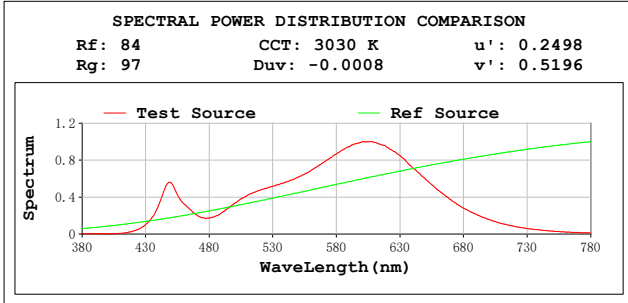
Electrical parameters:

V = 240.39 V I = 0.02582 A P = 5.865 W PF = 0.9447
 LEVEL:OUT WHITE:ANSI_3000K
 Status: Integral T = 196 ms Ip = 41220 (63%)

GBT5702

TM30

View Angle:2 Deg



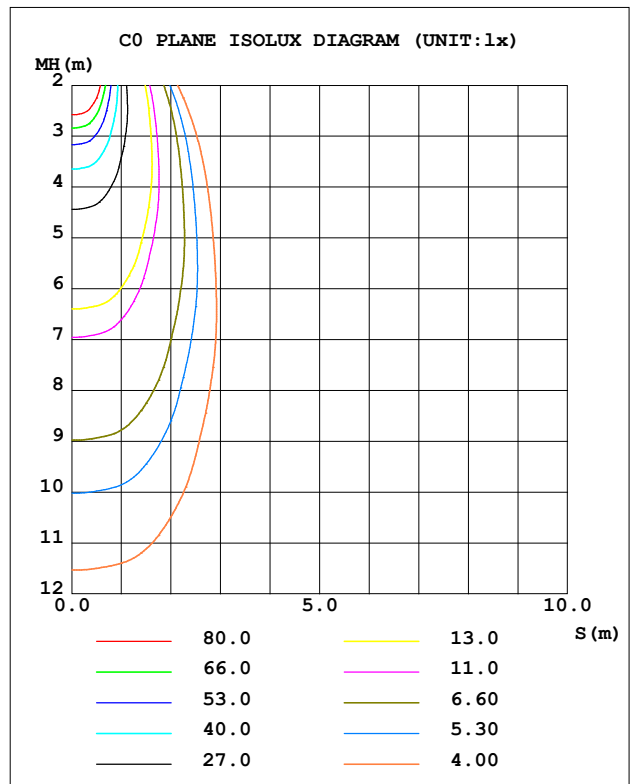
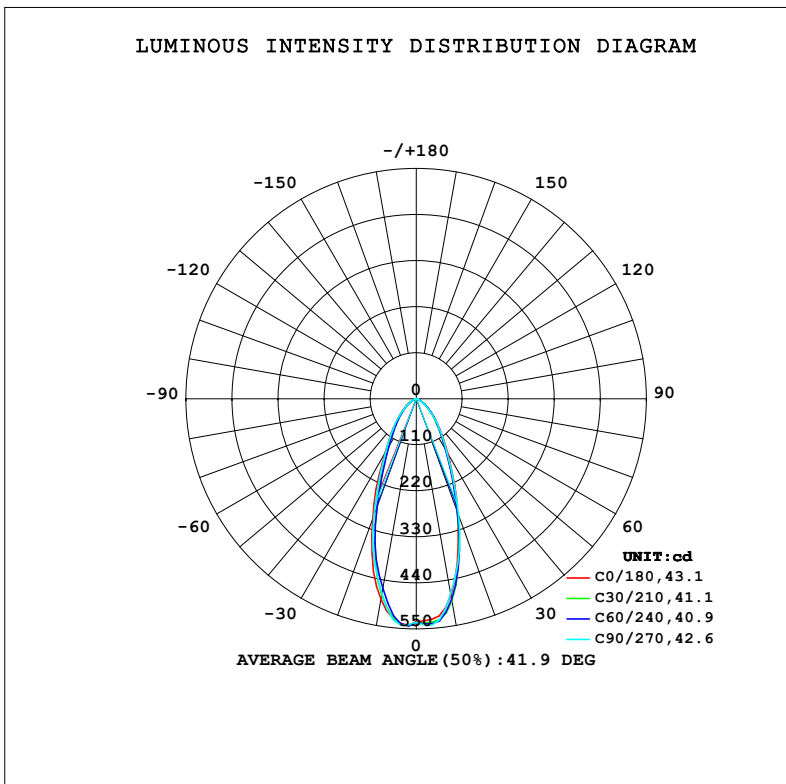
Model:AGL-560-30F60 / 3000K
 Tester:EC
 Temperature:25.3Deg
 Manufacturer:AQUALUX

Number:AGL-560-30F60 / 240V AC
 Date:2023-10-24 14:44:16
 Humidity:65.0%
 Remarks:240VAC

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.57V I:0.0241A P:4.9245W PF:0.9266 Freq:49.99Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:395.383x1 lm		
NAME: AGL-560-30F60	TYPE: GU10 LAMP	WEIGHT:
SPEC.: AGL-560-30F60	DIM.:	SERIAL No.: -
MFR.: AQUALUX	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA			Eff: 80.29 lm/W
MODEL	LED	I _{max} (cd)	543.8	S/MH (C0/180)	0.70
NOMINAL POWER (W)	3	LOR (%)	100.0	S/MH (C90/270)	0.69
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	395.38	η UP, DN (C0-180)	0.0, 50.0
NOMINAL FLUX (lm)	395.383	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 50.0
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE (V)	24	η down (%)	100.0	CIBSE SHR MAX	0.70



C Range: 0 - 180DEG
 C Interval: 15.0DEG
 Test Speed: MEDIUM
 Temperature: 20°C
 Operators: Elaine
 Test Date: 10 November 2023

γ Range: 0 - 90DEG
 γ Interval: 2.0DEG
 Test System: EVERFINE GO-SPEX500_V1 SYSTEM V2.00.473
 Humidity: 65.0%
 Test Distance: 3.100m [K=1.0000]
 Remarks: AGL-560-30F60
 6W / 3000K
 24V AC

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

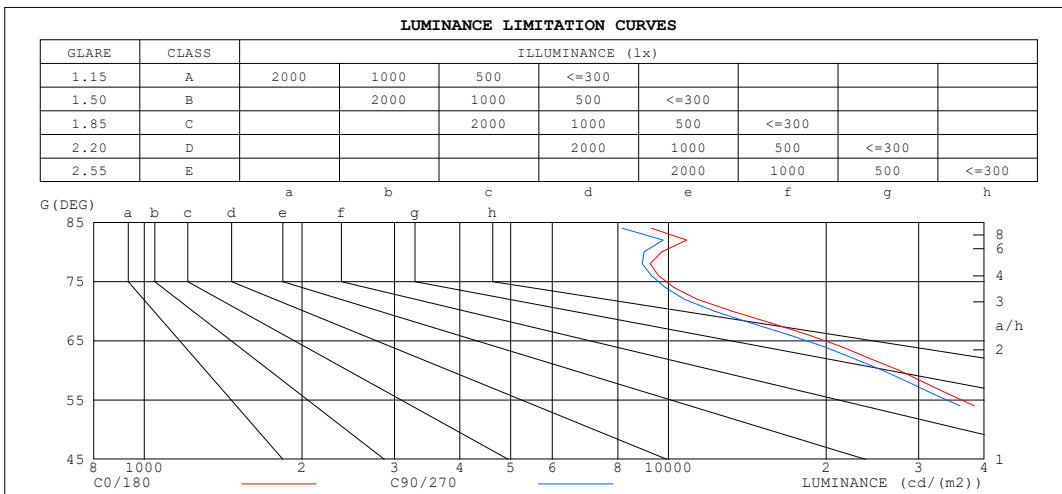
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	∅ zone	∅ total	%lum, lamp
10	476.8	490.9	472.8	469.6	487.1	469.6	472.8	490.9	0- 10	49.21	49.21	12.4,12.4
20	289.6	284.7	296.2	274.6	304.9	274.6	296.2	284.7	10- 20	106.9	156.1	39.5,39.5
30	149.7	138.7	145.9	131.0	150.1	131.0	145.9	138.7	20- 30	93.30	249.4	63.1,63.1
40	80.57	75.73	78.50	70.68	78.84	70.68	78.50	75.73	30- 40	64.60	314.0	79.4,79.4
50	39.22	40.73	37.05	36.94	38.98	36.94	37.05	40.73	40- 50	42.34	356.3	90.1,90.1
60	17.29	19.66	16.08	17.08	17.77	17.08	16.08	19.66	50- 60	23.73	380.0	96.1,96.1
70	5.673	6.616	5.250	5.615	6.212	5.615	5.250	6.616	60- 70	10.78	390.8	98.8,98.8
80	2.117	2.041	1.958	2.018	2.347	2.018	1.958	2.041	70- 80	3.604	394.4	99.8,99.8
90	0	0.0004	0	0	0	0	0	0.0004	80- 90	0.9490	395.4	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 - 180DEG
 C Interval: 15.0DEG
 Test Speed: MEDIUM
 Temperature:20°C
 Operators:Elaine
 Test Date:10 November 2023

γ Range: 0 - 90DEG
 γ Interval: 2.0DEG
 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.473
 Humidity:65.0%
 Test Distance:3.100m [K=1.0000]
 Remarks: AGL-560-30F60
 6W / 3000K
 24V AC

LUMINANCE LIMITATION CURVES

Test:U:220.57V I:0.0241A P:4.9245W PF:0.9266 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:395.383x1 lm		
NAME: AGL-560-30F60	TYPE: GU10 LAMP	WEIGHT:
SPEC.: AGL-560-30F60	DIM.:	SERIAL No.: -
MFR.: AQUALUX	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	11122	9788
80	9709	8977
75	10896	10493
70	13205	12221
65	22169	20523
60	27528	25601
55	39274	36857
50	48577	45887
45	69459	66825

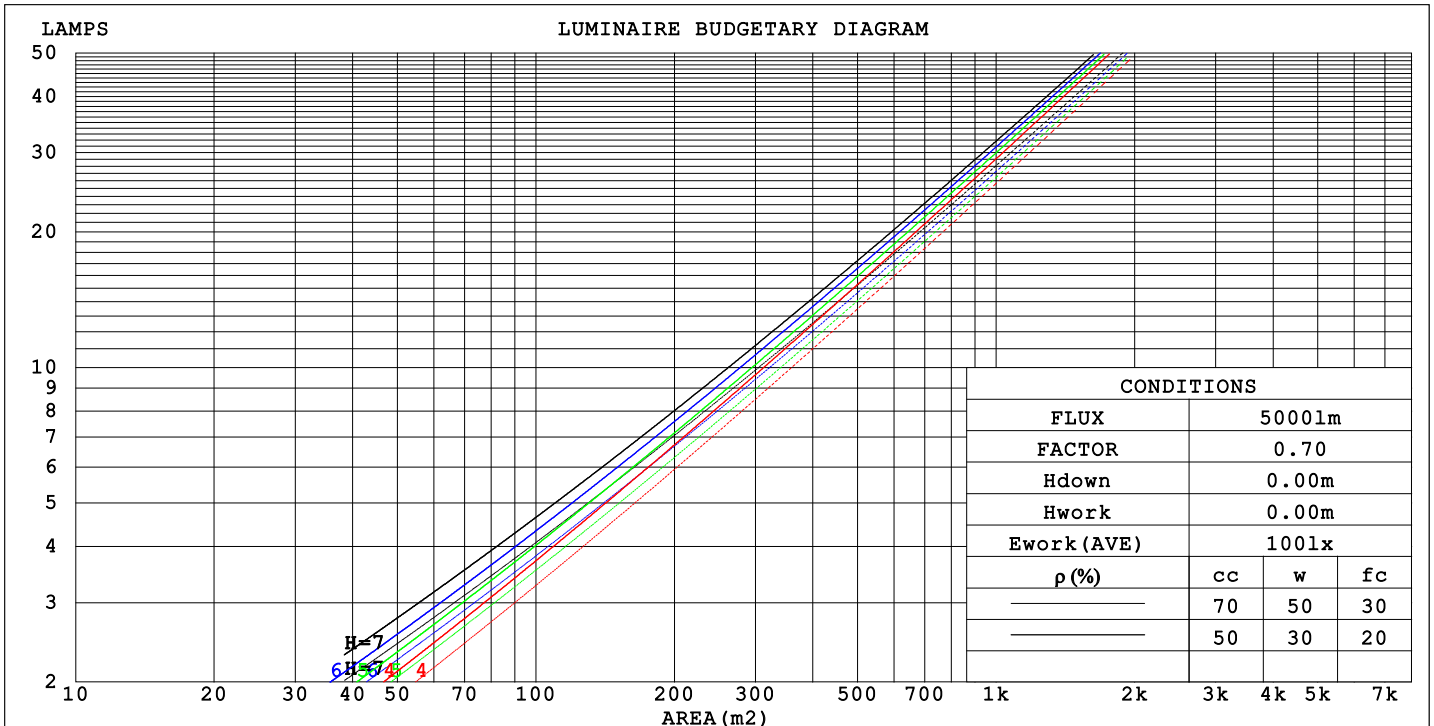
C Range: 0 - 180DEG
 C Interval: 15.0DEG
 Test Speed: MEDIUM
 Temperature: 20°C
 Operator: Elaine
 Test Date: 10 November 2023

γ Range: 0 - 90DEG
 γ Interval: 2.0DEG
 Test System: EVERFINE GO-SPEX500_V1 SYSTEM V2.00.473
 Humidity: 65.0%
 Test Distance: 3.100m [K=1.0000]
 Remarks: AGL-560-30F60
 6W / 3000K
 24V AC

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.57V I:0.0241A P:4.9245W PF:0.9266 Freq:49.99Hz		
UTHdi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:395.383x1 lm		
NAME: AGL-560-30F60	TYPE: GU10 LAMP	WEIGHT:
SPEC.: AGL-560-30F60	DIM.:	SERIAL No.: -
MFR.: AQUALUX	SUR.:	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	
pw	20%			20%			20%			20%			20%			0
pfc	20%			20%			20%			20%			20%			
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	1.10	1.07	1.04	1.08	1.05	1.03	1.03	1.01	.00	.00	.98	.97	.96	.95	.94	.92
2.0	1.01	.97	.93	.99	.95	.92	.96	.93	.90	.93	.90	.88	.90	.88	.86	.84
3.0	.93	.88	.83	.92	.87	.83	.89	.85	.81	.87	.83	.80	.84	.81	.79	.77
4.0	.87	.81	.76	.85	.80	.75	.83	.78	.74	.81	.77	.74	.79	.76	.73	.71
5.0	.81	.74	.70	.80	.74	.69	.78	.73	.69	.76	.72	.68	.74	.71	.67	.66
6.0	.75	.69	.64	.75	.68	.64	.73	.68	.64	.72	.67	.63	.70	.66	.63	.61
7.0	.71	.64	.60	.70	.64	.60	.69	.63	.59	.67	.63	.59	.66	.62	.59	.57
8.0	.67	.60	.56	.66	.60	.56	.65	.59	.55	.64	.59	.55	.63	.58	.55	.54
9.0	.63	.57	.52	.62	.56	.52	.61	.56	.52	.60	.56	.52	.60	.55	.52	.50
10.0	.60	.53	.49	.59	.53	.49	.58	.53	.49	.57	.53	.49	.57	.52	.49	.48



C Range: 0 - 180DEG
 C Interval: 15.0DEG
 Test Speed: MEDIUM
 Temperature: 20°C
 Operator: Elaine
 Test Date: 10 November 2023

γ Range: 0 - 90DEG
 γ Interval: 2.0DEG
 Test System: EVERFINE GO-SPEX500_V1 SYSTEM V2.00.473
 Humidity: 65.0%
 Test Distance: 3.100m [K=1.0000]
 Remarks: AGL-560-30F60
 6W / 3000K
 24V AC

WEC AND CCEC

Test:U:220.57V I:0.0241A P:4.9245W PF:0.9266 Freq:49.99Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:395.383x1 lm		
NAME: AGL-560-30F60	TYPE: GU10 LAMP	WEIGHT:
SPEC.: AGL-560-30F60	DIM.:	SERIAL No.: -
MFR.: AQUALUX	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 Coefficients (WEC)									
0.0																
1.0	.198	.113	.036	.192	.109	.035	.179	.103	.033	.167	.096	.031	.156	.091	.029	
2.0	.190	.104	.032	.185	.102	.031	.174	.097	.030	.164	.092	.029	.155	.088	.028	
3.0	.181	.096	.029	.176	.094	.028	.166	.090	.027	.158	.086	.027	.150	.083	.026	
4.0	.171	.089	.026	.166	.087	.026	.158	.084	.025	.151	.081	.024	.144	.078	.024	
5.0	.161	.082	.024	.158	.081	.024	.151	.078	.023	.144	.076	.023	.138	.074	.022	
6.0	.153	.077	.022	.150	.076	.022	.143	.073	.021	.137	.071	.021	.132	.070	.021	
7.0	.145	.072	.020	.142	.071	.020	.136	.069	.020	.131	.067	.020	.126	.066	.019	
8.0	.138	.067	.019	.135	.066	.019	.130	.065	.019	.125	.064	.018	.121	.062	.018	
9.0	.131	.063	.018	.129	.063	.018	.124	.061	.017	.120	.060	.017	.116	.059	.017	
10.0	.125	.060	.017	.123	.059	.017	.119	.058	.016	.115	.057	.016	.111	.056	.016	

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	.173	.157	.143	.148	.135	.123	.101	.093	.085	.058	.054	.050	.019	.017	.016	
2.0	.159	.132	.110	.136	.114	.095	.093	.079	.066	.054	.046	.039	.017	.015	.013	
3.0	.147	.114	.087	.126	.098	.075	.087	.068	.053	.050	.040	.031	.016	.013	.010	
4.0	.138	.099	.070	.118	.086	.061	.081	.060	.043	.047	.035	.025	.015	.011	.008	
5.0	.129	.088	.057	.111	.076	.050	.076	.053	.035	.044	.031	.021	.014	.010	.007	
6.0	.122	.079	.048	.105	.068	.042	.072	.048	.030	.042	.028	.018	.014	.009	.006	
7.0	.115	.071	.041	.099	.062	.035	.068	.043	.025	.040	.026	.015	.013	.008	.005	
8.0	.109	.065	.035	.094	.056	.030	.065	.040	.022	.038	.023	.013	.012	.008	.004	
9.0	.104	.060	.030	.089	.052	.026	.062	.037	.019	.036	.022	.011	.012	.007	.004	
10.0	.099	.056	.027	.085	.048	.023	.059	.034	.017	.034	.020	.010	.011	.007	.003	

C Range: 0 - 180DEG
 C Interval: 15.0DEG
 Test Speed: MEDIUM
 Temperature:20°C
 Operators:Elaine
 Test Date:10 November 2023

γ Range: 0 - 90DEG
 γ Interval: 2.0DEG
 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.473
 Humidity:65.0%
 Test Distance:3.100m [K=1.0000]
 Remarks: AGL-560-30F60
 6W / 3000K
 24V AC

UGR(Unified Glare Rating) Table

Test:U:220.57V I:0.0241A P:4.9245W PF:0.9266 Freq:49.99Hz										
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:395.383x1 lm										
NAME: AGL-560-30F60					TYPE: GU10 LAMP			WEIGHT:		
SPEC.: AGL-560-30F60					DIM.:			SERIAL No.: -		
MFR.: AQUALUX					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	26.4	27.4	26.6	27.6	27.8	26.4	27.4	26.6	27.6	27.8
3H	26.6	27.5	26.8	27.7	27.9	26.5	27.5	26.8	27.7	27.9
4H	26.5	27.5	26.8	27.7	27.9	26.5	27.4	26.8	27.6	27.9
6H	26.5	27.4	26.8	27.6	27.9	26.5	27.3	26.8	27.6	27.8
8H	26.5	27.4	26.9	27.6	27.9	26.5	27.3	26.8	27.6	27.8
12H	26.5	27.3	26.8	27.6	27.9	26.5	27.2	26.8	27.5	27.8
4H 2H	26.5	27.4	26.8	27.6	27.9	26.5	27.4	26.8	27.6	27.9
3H	26.7	27.5	27.1	27.8	28.1	26.7	27.5	27.0	27.8	28.0
4H	26.8	27.5	27.1	27.8	28.1	26.7	27.4	27.1	27.7	28.1
6H	26.8	27.4	27.2	27.8	28.1	26.8	27.4	27.1	27.7	28.1
8H	26.8	27.4	27.2	27.8	28.1	26.8	27.4	27.2	27.7	28.1
12H	26.8	27.4	27.2	27.7	28.1	26.8	27.3	27.2	27.7	28.1
8H 4H	26.7	27.3	27.1	27.7	28.0	26.7	27.3	27.1	27.6	28.0
6H	26.8	27.3	27.2	27.7	28.1	26.8	27.2	27.2	27.6	28.0
8H	26.9	27.3	27.3	27.7	28.1	26.8	27.2	27.3	27.6	28.1
12H	26.9	27.2	27.3	27.7	28.2	26.8	27.2	27.3	27.6	28.1
12H 4H	26.7	27.2	27.1	27.6	28.0	26.6	27.2	27.0	27.5	27.9
6H	26.8	27.2	27.2	27.6	28.1	26.7	27.2	27.2	27.6	28.0
8H	26.8	27.2	27.3	27.7	28.1	26.8	27.2	27.3	27.6	28.1
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 1.1 / - 1.6					+ 1.1 / - 1.7				
1.5H	+ 1.3 / - 0.8					+ 1.1 / - 1.1				
2.0H	+ 2.2 / - 1.7					+ 2.1 / - 2.0				

CIE Pub.117, 395.4 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -3.2)
 Area: 0.001256 m2

C Range: 0 - 180DEG
 C Interval: 15.0DEG
 Test Speed: MEDIUM
 Temperature:20°C
 Operators:Elaine
 Test Date:10 November 2023

γ Range: 0 - 90DEG
 γ Interval: 2.0DEG
 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.473
 Humidity:65.0%
 Test Distance:3.100m [K=1.0000]
 Remarks: AGL-560-30F60
 6W / 3000K
 24V AC

UTILIZATION FACTORS TABLE

Test:U:220.57V I:0.0241A P:4.9245W PF:0.9266 Freq:49.99Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:395.383x1 lm		
NAME: AGL-560-30F60	TYPE: GU10 LAMP	WEIGHT:
SPEC.: AGL-560-30F60	DIM.:	SERIAL No.: -
MFR.: AQUALUX	SUR.:	Shielding Angle:

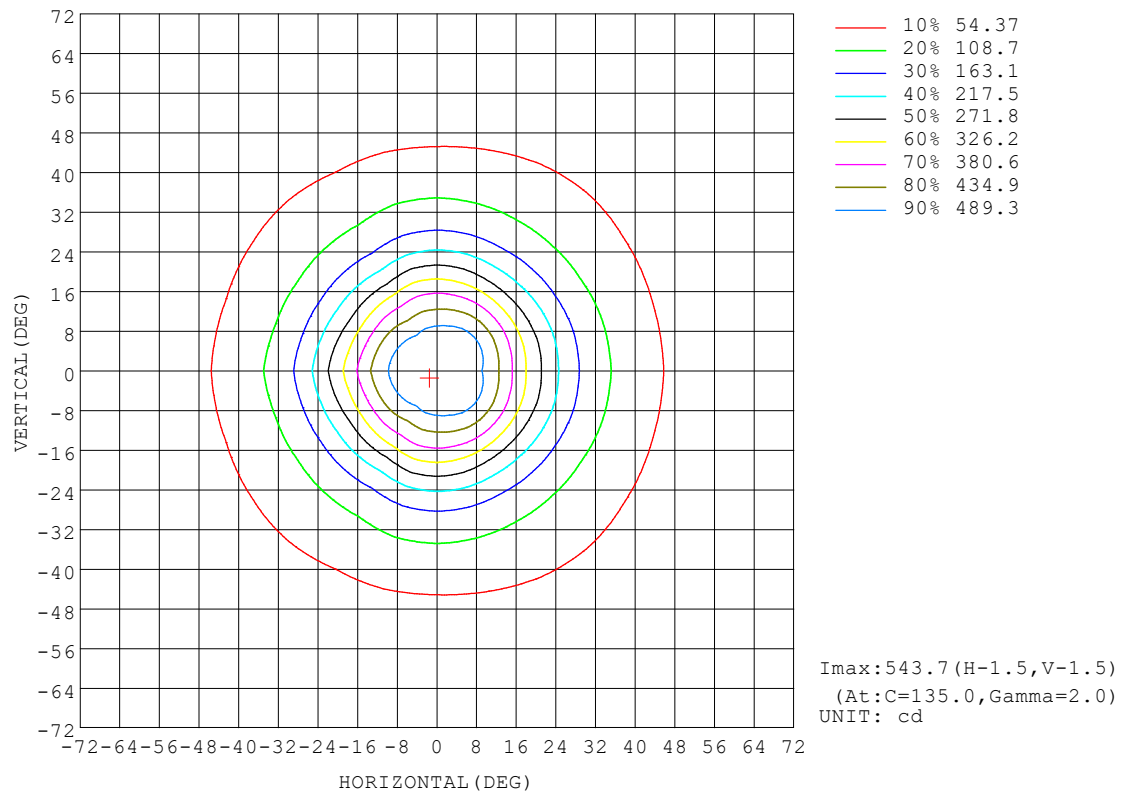
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	78	71	66	78	70	66	77	70	66	61
0.80	87	80	75	86	79	75	85	79	74	70
1.00	93	86	81	92	86	81	90	86	81	76
1.25	98	92	87	97	91	87	95	90	86	81
1.50	102	96	91	100	95	91	98	93	90	85
2.00	105	100	96	104	99	96	101	97	94	88
2.50	108	103	99	106	102	98	103	99	96	90
3.00	110	105	102	108	104	101	104	101	99	92
4.00	112	109	106	110	107	104	106	104	102	94
5.00	113	111	108	111	109	107	107	105	104	96
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

C Range: 0 - 180DEG
 C Interval: 15.0DEG
 Test Speed: MEDIUM
 Temperature:20°C
 Operators:Elaine
 Test Date:10 November 2023

γ Range: 0 - 90DEG
 γ Interval: 2.0DEG
 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.473
 Humidity:65.0%
 Test Distance:3.100m [K=1.0000]
 Remarks: AGL-560-30F60
 6W / 3000K
 24V AC

ISOCANDELA DIAGRAM

Test:U:220.57V I:0.0241A P:4.9245W PF:0.9266 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:395.383x1 lm		
NAME: AGL-560-30F60	TYPE: GU10 LAMP	WEIGHT:
SPEC.: AGL-560-30F60	DIM.:	SERIAL No.: -
MFR.: AQUALUX	SUR.:	Shielding Angle:

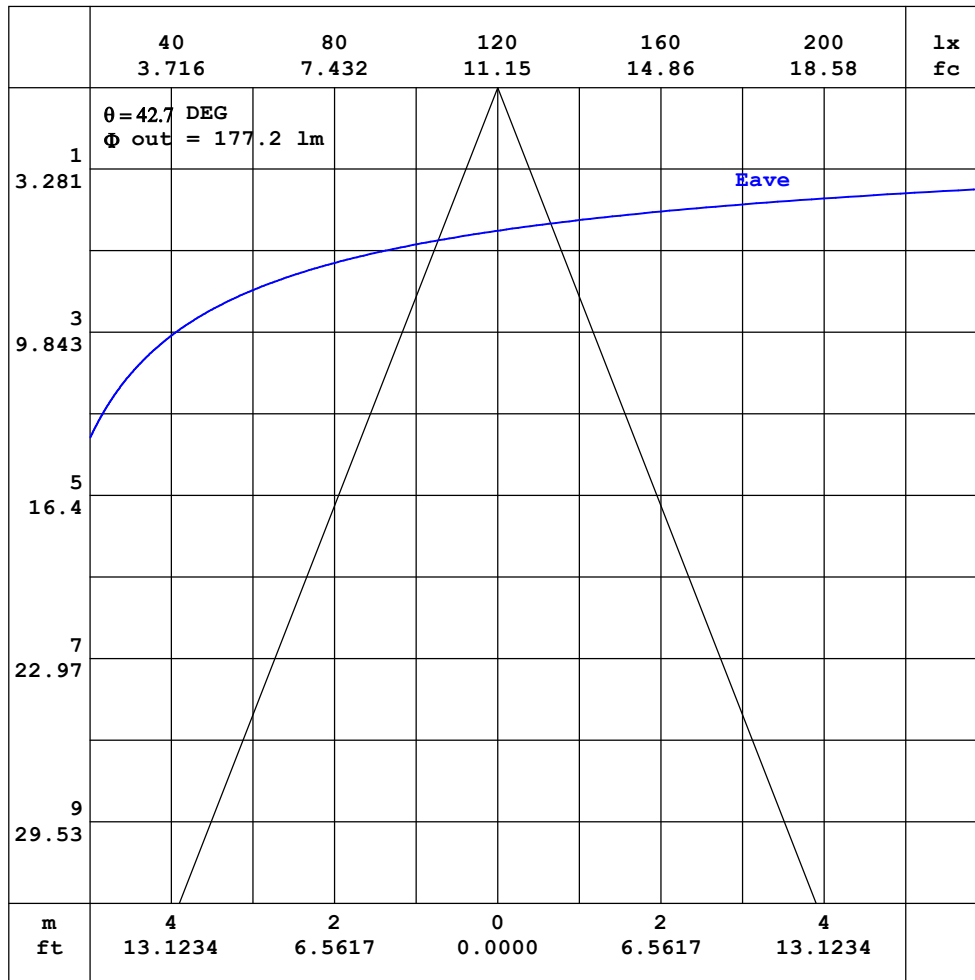


C Range: 0 - 180DEG
 C Interval: 15.0DEG
 Test Speed: MEDIUM
 Temperature:20°C
 Operators:Elaine
 Test Date:10 November 2023

γ Range: 0 - 90DEG
 γ Interval: 2.0DEG
 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.473
 Humidity:65.0%
 Test Distance:3.100m [K=1.0000]
 Remarks: AGL-560-30F60
 6W / 3000K
 24V AC

AAI CURVES

Test:U:220.57V I:0.0241A P:4.9245W PF:0.9266 Freq:49.99Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:395.383x1 lm		
NAME: AGL-560-30F60	TYPE: GU10 LAMP	WEIGHT:
SPEC.: AGL-560-30F60	DIM.:	SERIAL No.: -
MFR.: AQUALUX	SUR.:	Shielding Angle:



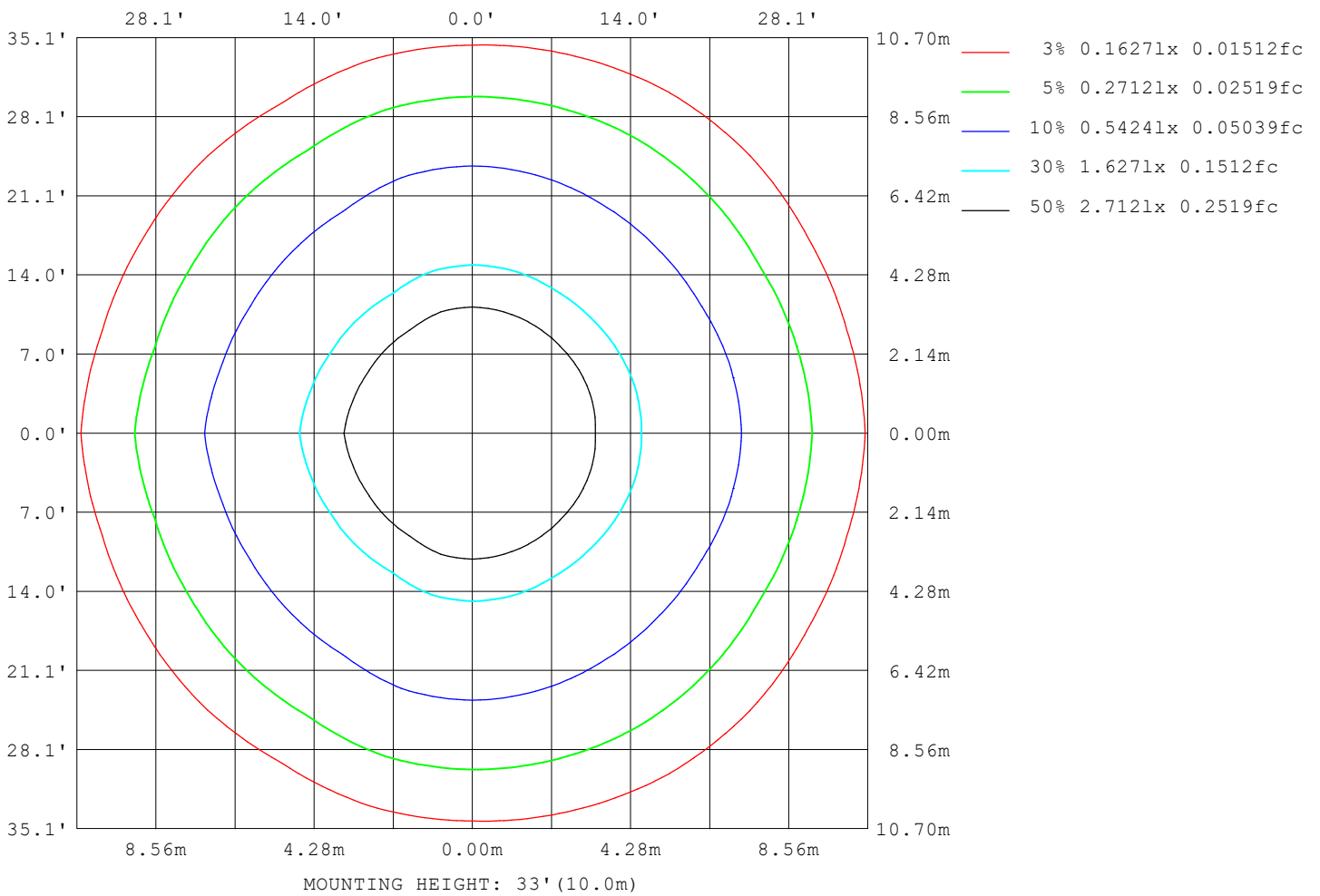
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 180DEG
 C Interval: 15.0DEG
 Test Speed: MEDIUM
 Temperature: 20°C
 Operators: Elaine
 Test Date: 10 November 2023

γ Range: 0 - 90DEG
 γ Interval: 2.0DEG
 Test System: EVERFINE GO-SPEX500_V1 SYSTEM V2.00.473
 Humidity: 65.0%
 Test Distance: 3.100m [K=1.0000]
 Remarks: AGL-560-30F60
 6W / 3000K
 24V AC

ISOLUX DIAGRAM

Test:U:220.57V I:0.0241A P:4.9245W PF:0.9266 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:395.383x1 lm		
NAME: AGL-560-30F60	TYPE: GU10 LAMP	WEIGHT:
SPEC.: AGL-560-30F60	DIM.:	SERIAL No.: -
MFR.: AQUALUX	SUR.:	Shielding Angle:



C Range: 0 - 180DEG
 C Interval: 15.0DEG
 Test Speed: MEDIUM
 Temperature: 20°C
 Operators: Elaine
 Test Date: 10 November 2023

γ Range: 0 - 90DEG
 γ Interval: 2.0DEG
 Test System: EVERFINE GO-SPEX500_V1 SYSTEM V2.00.473
 Humidity: 65.0%
 Test Distance: 3.100m [K=1.0000]
 Remarks: AGL-560-30F60
 6W / 3000K
 24V AC

LED Avg.L Report

Test:U:220.57V I:0.0241A P:4.9245W PF:0.9266 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:395.383x1 lm		
NAME: AGL-560-30F60	TYPE: GU10 LAMP	WEIGHT:
SPEC.: AGL-560-30F60	DIM.:	SERIAL No.: -
MFR.: AQUALUX	SUR.:	Shielding Angle:

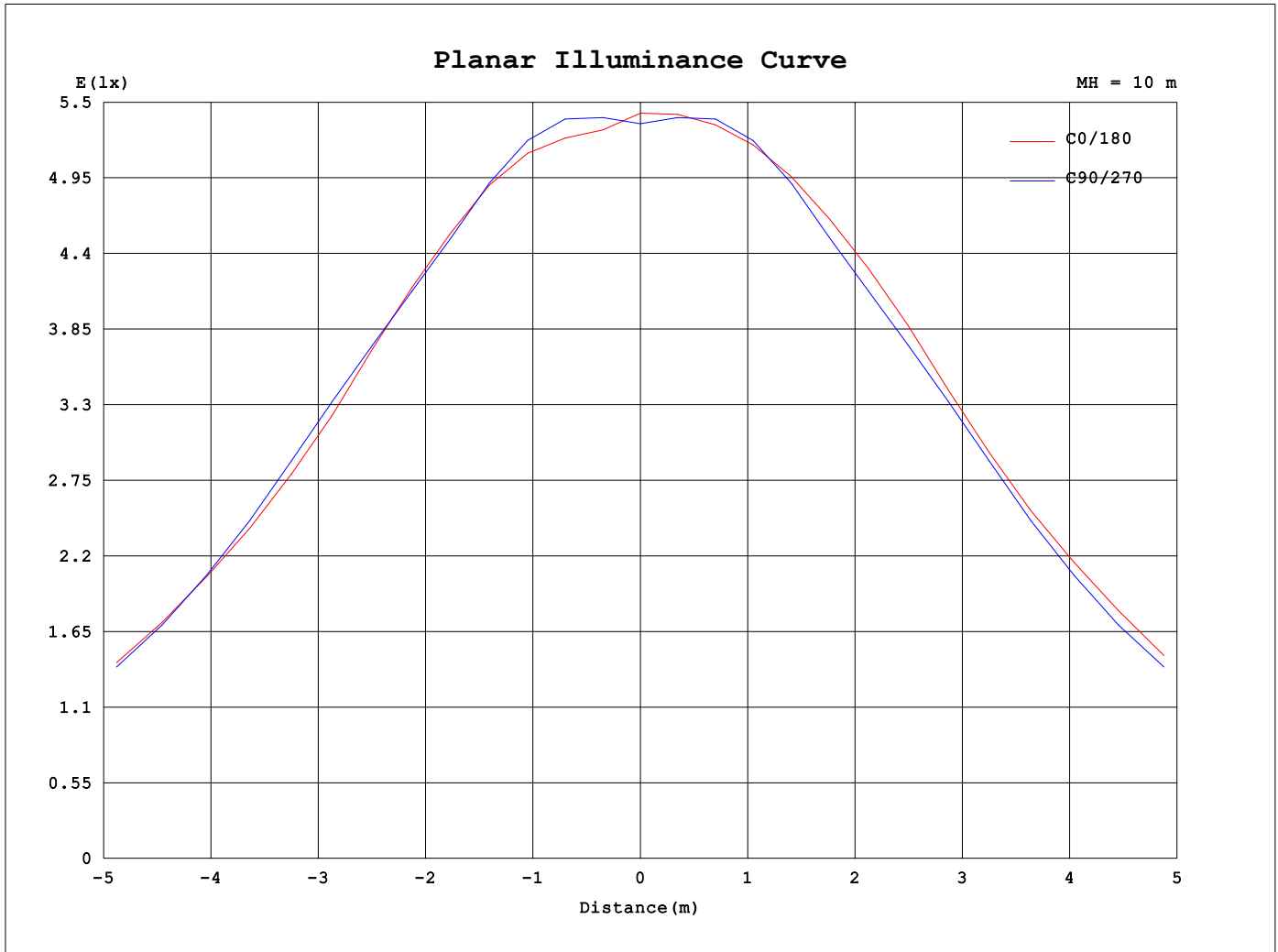
AvgL	cd/m2
L_0~180 (65) av	20457
L_0~180 (75) av	10285
L_0~180 (85) av	9382
L_90~270 (65) av	18369
L_90~270 (75) av	9533
L_90~270 (85) av	7059
L_45 (65) av	21197
L_45 (75) av	9777
L_45 (85) av	6356

Standard: GB/T 29293-2012

C Range: 0 - 180DEG
 C Interval: 15.0DEG
 Test Speed: MEDIUM
 Temperature:20°C
 Operators:Elaine
 Test Date:10 November 2023

γ Range: 0 - 90DEG
 γ Interval: 2.0DEG
 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.473
 Humidity:65.0%
 Test Distance:3.100m [K=1.0000]
 Remarks: AGL-560-30F60
 6W / 3000K
 24V AC

Planar Illuminance Curve



C Range: 0 - 180DEG
 C Interval: 15.0DEG
 Test Speed: MEDIUM
 Temperature: 20°C
 Operator: Elaine
 Test Date: 10 November 2023

γ Range: 0 - 90DEG
 γ Interval: 2.0DEG
 Test System: EVERFINE GO-SPEX500_V1 SYSTEM V2.00.473
 Humidity: 65.0%
 Test Distance: 3.100m [K=1.0000]
 Remarks: AGL-560-30F60
 6W / 3000K
 24V AC

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.57V I:0.0241A P:4.9245W PF:0.9266 Freq:49.99Hz		
UTHDI:0.00% ITHDI:0.00% KDisp:0 Lamp Flux:395.383x1 lm		
NAME: AGL-560-30F60	TYPE: GU10 LAMP	WEIGHT:
SPEC.: AGL-560-30F60	DIM.:	SERIAL No.: -
MFR.: AQUALUX	SUR.:	Shielding Angle:

Table--1

UNIT: cd

C (DEG) \ γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	532	534	535	534	534	534	534	537	539	540	541	542	542	542	541	540	539	537	534
5	528	532	535	538	539	541	542	542	539	541	539	540	538	540	539	541	539	542	542
10	477	484	491	491	487	479	473	469	461	470	476	483	487	483	476	470	461	469	473
15	406	410	416	417	416	411	409	407	396	401	402	411	425	411	402	401	396	407	409
20	290	291	288	285	287	293	296	293	274	275	276	289	305	289	276	275	274	293	296
25	226	225	220	215	215	221	223	218	202	205	209	220	237	220	209	205	202	218	223
30	150	147	141	139	139	144	146	144	131	131	132	140	150	140	132	131	131	144	146
35	117	113	108	107	109	112	115	112	102	102	101	106	115	106	101	102	102	112	115
40	80.6	77.6	74.3	75.7	77.2	77.9	78.5	77.1	71.1	70.7	70.4	72.0	78.8	72.0	70.4	70.7	71.1	77.1	78.5
45	61.7	59.2	58.0	59.9	60.7	60.1	59.3	58.6	54.9	55.5	55.0	56.0	60.5	56.0	55.0	55.5	54.9	58.6	59.3
50	39.2	38.1	39.0	40.7	40.6	38.7	37.0	36.7	35.4	36.9	37.1	37.2	39.0	37.2	37.1	36.9	35.4	36.7	37.0
55	28.3	28.0	29.4	30.9	30.2	28.1	26.6	26.4	25.9	27.6	28.0	27.8	28.5	27.8	28.0	27.6	25.9	26.4	26.6
60	17.3	17.4	18.5	19.7	18.6	17.1	16.1	16.0	15.6	17.1	17.5	17.4	17.8	17.4	17.5	17.1	15.6	16.0	16.1
65	11.8	11.8	12.7	13.5	12.6	11.5	10.9	10.8	10.5	11.6	12.0	11.9	12.4	11.9	12.0	11.6	10.5	10.8	10.9
70	5.67	5.70	6.23	6.62	6.15	5.56	5.25	5.22	5.00	5.62	5.91	5.96	6.21	5.96	5.91	5.62	5.00	5.22	5.25
75	3.54	3.52	3.66	3.82	3.66	3.49	3.41	3.38	3.18	3.37	3.50	3.67	3.85	3.67	3.50	3.37	3.18	3.38	3.41
80	2.12	2.04	2.02	2.04	2.06	2.03	1.96	1.95	1.93	2.02	2.07	2.23	2.35	2.23	2.07	2.02	1.93	1.95	1.96
85	1.22	1.18	1.15	1.17	1.17	1.14	1.07	1.03	0.80	0.89	0.97	1.21	1.49	1.21	0.97	0.89	0.80	1.03	1.07
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

C Range: 0 - 180DEG
 C Interval: 15.0DEG
 Test Speed: MEDIUM
 Temperature:20°C
 Operators:Elaine
 Test Date:10 November 2023

γ Range: 0 - 90DEG
 γ Interval: 2.0DEG
 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.473
 Humidity:65.0%
 Test Distance:3.100m [K=1.0000]
 Remarks: AGL-560-30F60
 6W / 3000K
 24V AC

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.57V I:0.0241A P:4.9245W PF:0.9266 Freq:49.99Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:395.383x1 lm		
NAME: AGL-560-30F60	TYPE: GU10 LAMP	WEIGHT:
SPEC.: AGL-560-30F60	DIM.:	SERIAL No.: -
MFR.: AQUALUX	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C (DEG) \ γ (DEG)	285	300	315	330	345													
0	534	534	534	535	534													
5	541	539	538	535	532													
10	479	487	491	491	484													
15	411	416	417	416	410													
20	293	287	285	288	291													
25	221	215	215	220	225													
30	144	139	139	141	147													
35	112	109	107	108	113													
40	77.9	77.2	75.7	74.3	77.6													
45	60.1	60.7	59.9	58.0	59.2													
50	38.7	40.6	40.7	39.0	38.1													
55	28.1	30.2	30.9	29.4	28.0													
60	17.1	18.6	19.7	18.5	17.4													
65	11.5	12.6	13.5	12.7	11.8													
70	5.56	6.15	6.62	6.23	5.70													
75	3.49	3.66	3.82	3.66	3.52													
80	2.03	2.06	2.04	2.02	2.04													
85	1.14	1.17	1.17	1.15	1.18													
90	0.00	0.00	0.00	0.00	0.00													

C Range: 0 - 180DEG
 C Interval: 15.0DEG
 Test Speed: MEDIUM
 Temperature:20°C
 Operators:Elaine
 Test Date:10 November 2023

γ Range: 0 - 90DEG
 γ Interval: 2.0DEG
 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.473
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