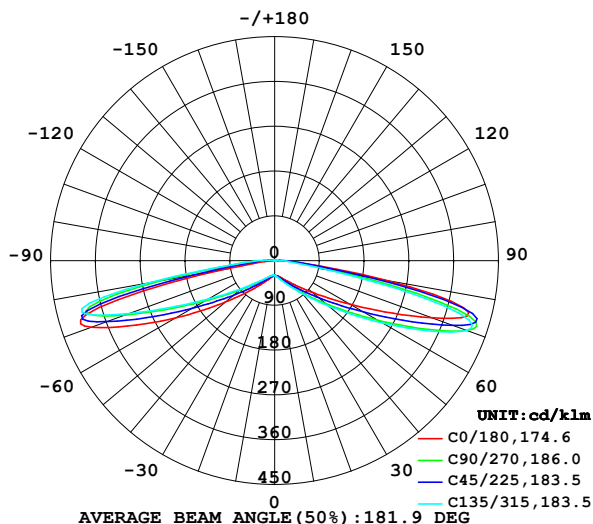


LUMINAIRE PHOTOMETRIC TEST REPORT

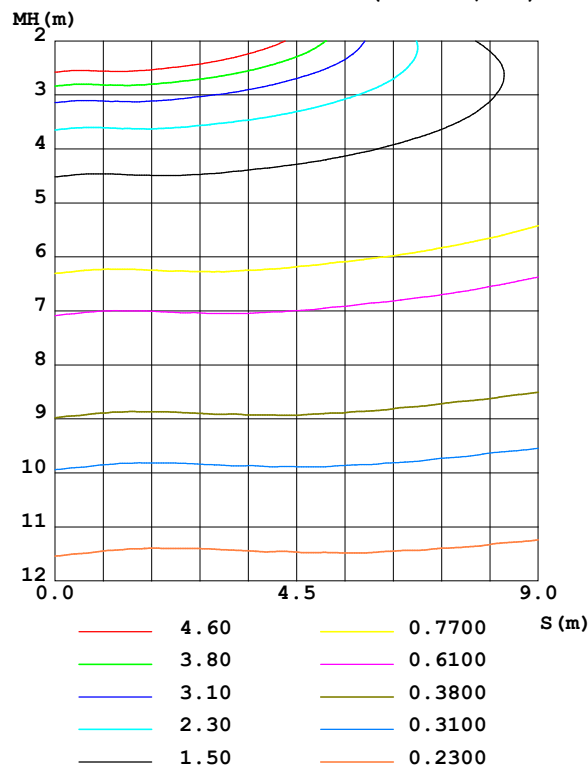
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 广东省赛凌科技有限公司	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 139.92 lm/W			
MODEL	USW616F-F01	Imax (cd/klm)	427.5	S/MH (C0/180)	5.03
NOMINAL POWER(W)	0.984	LOR (%)	100.0	S/MH (C90/270)	4.85
RATED VOLTAGE(V)	24	TOTAL FLUX(lm/klm)	1000.0	η UP,DN (C0-180)	0.5,51.4
NOMINAL FLUX(lm)	137.68	CIE CLASS	DIRECT	η UP,DN (C180-360)	0.6,47.5
LAMPS INSIDE	1	η up (%)	1.1	CIBSE SHR NOM	2.00
TEST VOLTAGE(V)	23.999	η down (%)	98.9	CIBSE SHR MAX	2.00

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT: lx/klm)



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: 苏俊杰
Test Date: 2025-04-03

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.471
Humidity: 65.0%
Test Distance: 8.150m [K=1.0000]
Remarks: USW616F-F01

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

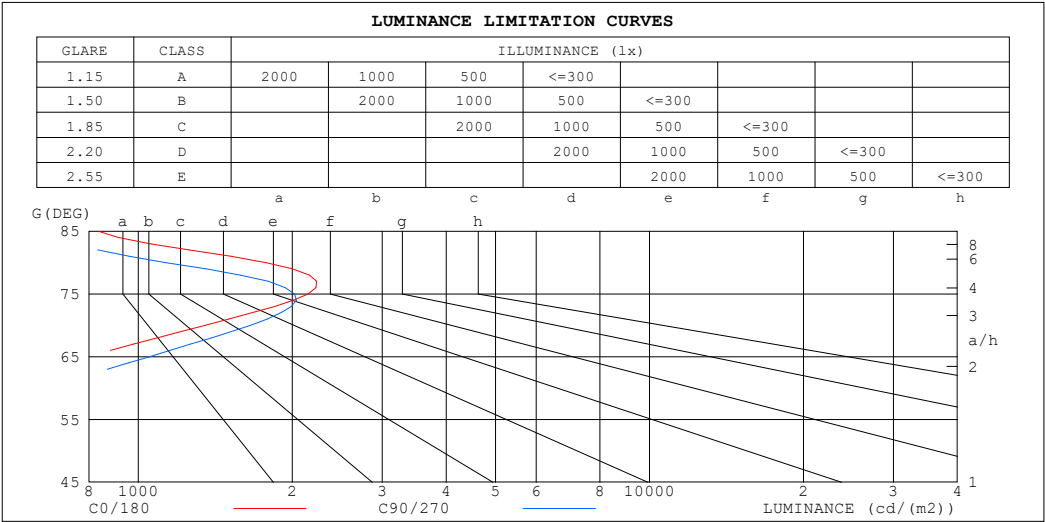
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	31.28	32.46	33.44	34.04	33.66	32.10	31.01	30.42	0- 10	2.985	2.985	0.30,0.30
20	36.36	38.97	41.64	42.76	41.31	38.07	35.27	34.67	10- 20	10.03	13.01	1.3,1.3
30	46.27	51.26	56.20	58.16	55.17	49.21	44.17	43.25	20- 30	20.52	33.54	3.35,3.35
40	64.02	73.68	83.11	86.49	80.28	69.46	60.15	58.29	30- 40	37.99	71.52	7.15,7.15
50	99.91	116.6	135.0	142.3	129.7	109.2	92.61	88.48	40- 50	70.59	142.1	14.2,14.2
60	175.8	207.0	239.8	251.9	230.5	192.2	162.7	155.0	50- 60	137.9	280.0	28,28
70	335.1	381.5	411.2	410.4	391.7	359.0	320.1	310.9	60- 70	276.6	556.6	55.7,55.7
80	224.0	188.6	142.7	110.2	102.5	163.5	228.6	253.4	70- 80	361.6	918.2	91.8,91.8
90	13.91	17.85	16.99	13.81	3.233	20.27	29.66	28.11	80- 90	70.69	988.9	98.9,98.9
100	0.5488	0.6174	0.5831	0.6175	0.7546	0.8575	0.8918	0.7546	90-100	8.454	997.4	99.7,99.7
110	0.7203	0.6860	0.6517	0.6517	0.6860	0.8575	0.8574	0.9261	100-110	0.7961	998.2	99.8,99.8
120	0.7203	0.6521	0.5832	0.6174	0.5145	0.6860	0.6860	0.7546	110-120	0.7018	998.9	99.9,99.9
130	0.7546	0.6516	0.6174	0.5481	0.4801	0.6517	0.6517	0.6860	120-130	0.5901	999.4	99.9,99.9
140	0.5146	0.2401	0.2748	0.1372	0.2058	0.4121	0.3770	0.5150	130-140	0.3870	999.8	100,100
150	0.1716	0.1366	0.0689	0	0.0341	0.1715	0.1713	0.2401	140-150	0.1363	1000.0	100,100
160	0.0343	0	0	0	0	0	0	0.0691	150-160	0.0263	1000.0	100,100
170	0	0	0	0	0	0	0	0	160-170	0.0006	1000	100,100
180	0	0	0	0	0	0	0	0	170-180	0	1000	100,100
DEG	LUMINOUS INTENSITY:cd/klm									UNIT:lm/klm		

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:苏俊杰
Test Date:2025-04-03

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 γ Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.471
Humidity:65.0%
Test Distance:8.150m [K=1.0000]
Remarks: USW616F-F01

LUMINANCE LIMITATION CURVES

NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 广东省赛凌科技有限公司	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	836	666
80	1776	1132
75	2147	2021
70	1349	1655
65	795	1051
60	484	660
55	313	428
50	214	289
45	153	204

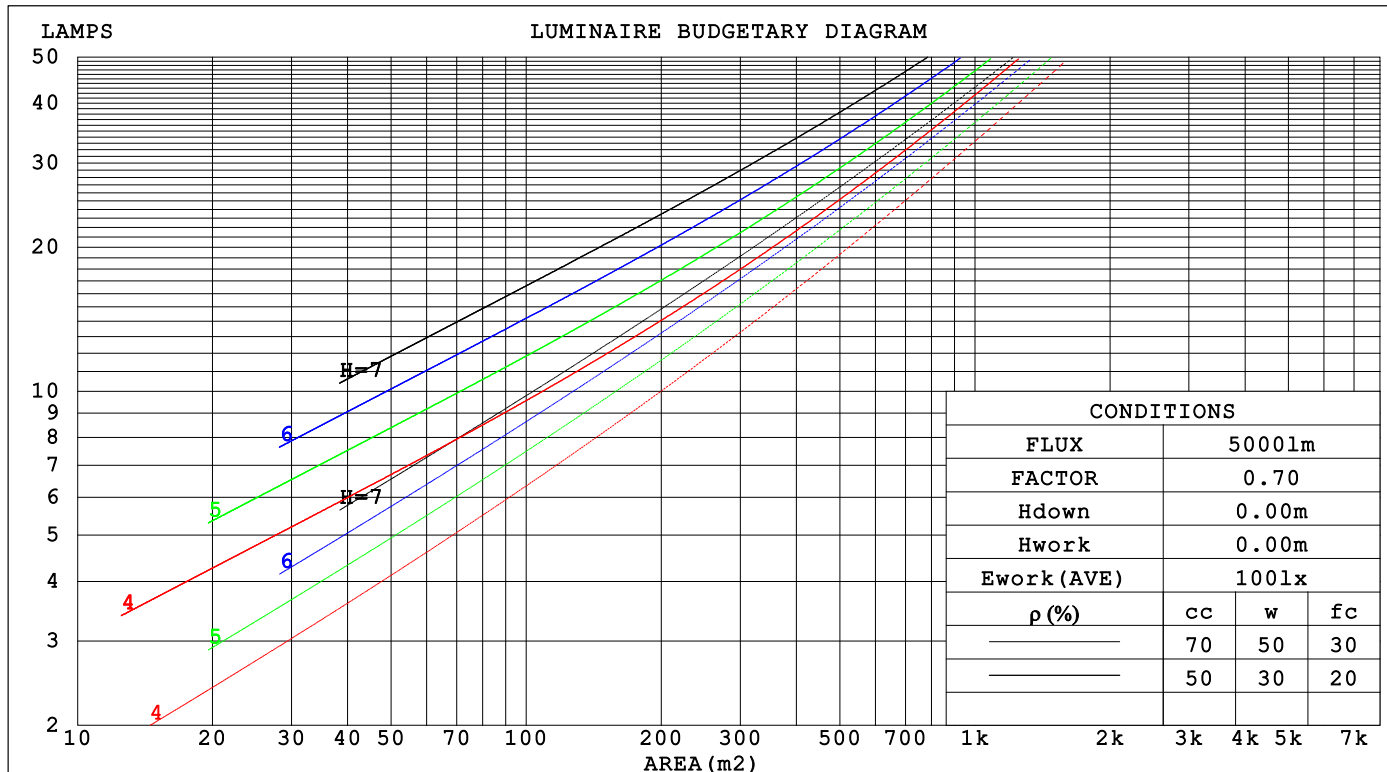
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:苏浚杰
Test Date:2025-04-03

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.471
Humidity:65.0%
Test Distance:8.150m [K=1.0000]
Remarks: USW616F-F01

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 广东省赛凌科技有限公司	SUR.:	Shielding Angle:

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio															



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: 苏凌杰
Test Date: 2025-04-03

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.471
Humidity: 65.0%
Test Distance: 8.150m [K=1.0000]
Remarks: USW616F-F01

WEC AND CCEC

NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 广东省赛凌科技有限公司	SUR.:	Shielding Angle:

pcc	80%	70%	50%	30%	10%	0
pw	50% 30% 10%	50% 30% 10%	50% 30% 10%	50% 30% 10%	50% 30% 10%	0
pf _c	20%	20%	20%	20%	20%	0
RCR	RCR:Room Cavity Ratio					Wall Exitance Coefficients(WEC)
0.0						
1.0	.554 .315 .100	.546 .311 .099	.531 .304 .097	.517 .298 .096	.504 .292 .094	
2.0	.482 .264 .081	.474 .261 .081	.460 .256 .080	.448 .251 .079	.436 .246 .078	
3.0	.415 .221 .066	.409 .219 .066	.396 .215 .065	.384 .211 .065	.373 .207 .064	
4.0	.361 .187 .055	.355 .186 .055	.343 .182 .054	.333 .179 .054	.323 .176 .053	
5.0	.317 .162 .047	.312 .160 .047	.302 .157 .046	.293 .154 .046	.284 .152 .046	
6.0	.282 .142 .041	.278 .140 .040	.269 .138 .040	.261 .135 .040	.253 .133 .040	
7.0	.254 .126 .036	.250 .125 .036	.242 .122 .035	.235 .120 .035	.228 .118 .035	
8.0	.231 .113 .032	.227 .112 .032	.220 .110 .031	.214 .108 .031	.208 .107 .031	
9.0	.212 .102 .029	.208 .102 .029	.202 .100 .028	.196 .098 .028	.191 .097 .028	
10.0	.195 .094 .026	.192 .093 .026	.187 .091 .026	.181 .090 .026	.176 .089 .025	

pcc	80%	70%	50%	30%	10%	0
pw	50% 30% 10%	50% 30% 10%	50% 30% 10%	50% 30% 10%	50% 30% 10%	0
pf _c	20%	20%	20%	20%	20%	0
RCR	RCR:Room Cavity Ratio					Ceiling Cavity Exitance Coefficients(CCEC)
0.0	.199 .199 .199	.170 .170 .170	.116 .116 .116	.067 .067 .067	.021 .021 .021	
1.0	.206 .162 .124	.176 .139 .106	.120 .096 .074	.069 .056 .043	.022 .018 .014	
2.0	.206 .140 .084	.177 .120 .072	.121 .083 .050	.070 .048 .030	.022 .016 .010	
3.0	.201 .124 .062	.172 .107 .054	.118 .074 .038	.068 .043 .022	.022 .014 .007	
4.0	.193 .112 .050	.166 .097 .044	.114 .068 .031	.066 .040 .018	.021 .013 .006	
5.0	.184 .103 .043	.158 .089 .037	.109 .062 .026	.063 .036 .016	.020 .012 .005	
6.0	.174 .095 .038	.150 .082 .033	.103 .058 .023	.060 .034 .014	.019 .011 .005	
7.0	.165 .088 .034	.142 .076 .030	.098 .054 .021	.057 .032 .013	.018 .010 .004	
8.0	.156 .082 .032	.135 .072 .028	.093 .050 .020	.054 .030 .012	.018 .010 .004	
9.0	.148 .077 .030	.128 .067 .026	.089 .047 .018	.052 .028 .011	.017 .009 .004	
10.0	.141 .073 .028	.121 .063 .024	.084 .045 .017	.049 .026 .010	.016 .009 .003	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:苏俊杰
Test Date:2025-04-03

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.471
Humidity:65.0%
Test Distance:8.150m [K=1.0000]
Remarks: USW616F-F01

UGR(Unified Glare Rating) Table

NAME:					TYPE:			WEIGHT:			
SPEC.:					DIM.:			SERIAL No.:			
MFR.: 广东省赛凌科技有限公司					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	2H	17.1	19.2	17.4	19.5	19.8	18.4	20.5	18.7	20.8	21.1
	3H	23.4	25.4	23.8	25.7	26.0	24.6	26.6	25.0	26.9	27.2
	4H	26.6	28.5	27.0	28.9	29.2	27.1	29.0	27.5	29.3	29.7
	6H	28.3	30.1	28.7	30.5	30.8	28.0	29.8	28.4	30.1	30.5
	8H	28.5	30.2	28.8	30.6	31.0	28.0	29.8	28.4	30.2	30.5
	12H	28.5	30.2	28.9	30.6	31.0	28.0	29.8	28.4	30.1	30.5
4H	2H	19.6	21.5	20.0	21.9	22.2	20.3	22.2	20.6	22.5	22.8
	3H	25.4	27.1	25.8	27.5	27.9	26.2	27.9	26.6	28.3	28.6
	4H	28.4	30.0	28.8	30.4	30.8	28.6	30.2	29.0	30.6	31.0
	6H	29.9	31.4	30.4	31.8	32.2	29.5	31.0	30.0	31.4	31.8
	8H	30.1	31.5	30.6	31.9	32.4	29.6	31.0	30.1	31.4	31.9
	12H	30.2	31.5	30.6	31.9	32.4	29.6	30.9	30.1	31.4	31.8
8H	4H	29.2	30.6	29.6	31.0	31.5	29.4	30.8	29.8	31.2	31.6
	6H	30.7	31.9	31.2	32.4	32.8	30.3	31.5	30.8	32.0	32.4
	8H	30.9	32.0	31.4	32.5	33.0	30.4	31.5	30.9	32.0	32.5
	12H	31.1	32.0	31.6	32.5	33.0	30.5	31.5	31.0	31.9	32.5
12H	4H	29.2	30.5	29.7	31.0	31.4	29.4	30.7	29.9	31.1	31.6
	6H	30.8	31.8	31.2	32.3	32.8	30.4	31.5	30.9	31.9	32.4
	8H	31.0	32.0	31.5	32.4	33.0	30.5	31.5	31.1	32.0	32.5
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H		+ 0.0 / - 0.1					+ 0.0 / - 0.1				
1.5H		+ 0.1 / - 0.1					+ 0.1 / - 0.1				
2.0H		+ 0.1 / - 0.3					+ 0.2 / - 0.3				

CIE Pub.117, 137.7 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -6.9)
Area: 0.1 m2

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:苏俊杰
Test Date:2025-04-03

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.471
Humidity:65.0%
Test Distance:8.150m [K=1.0000]
Remarks: USW616F-F01

UTILIZATION FACTORS TABLE

NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 广东省赛凌科技有限公司	SUR.:	Shielding Angle:

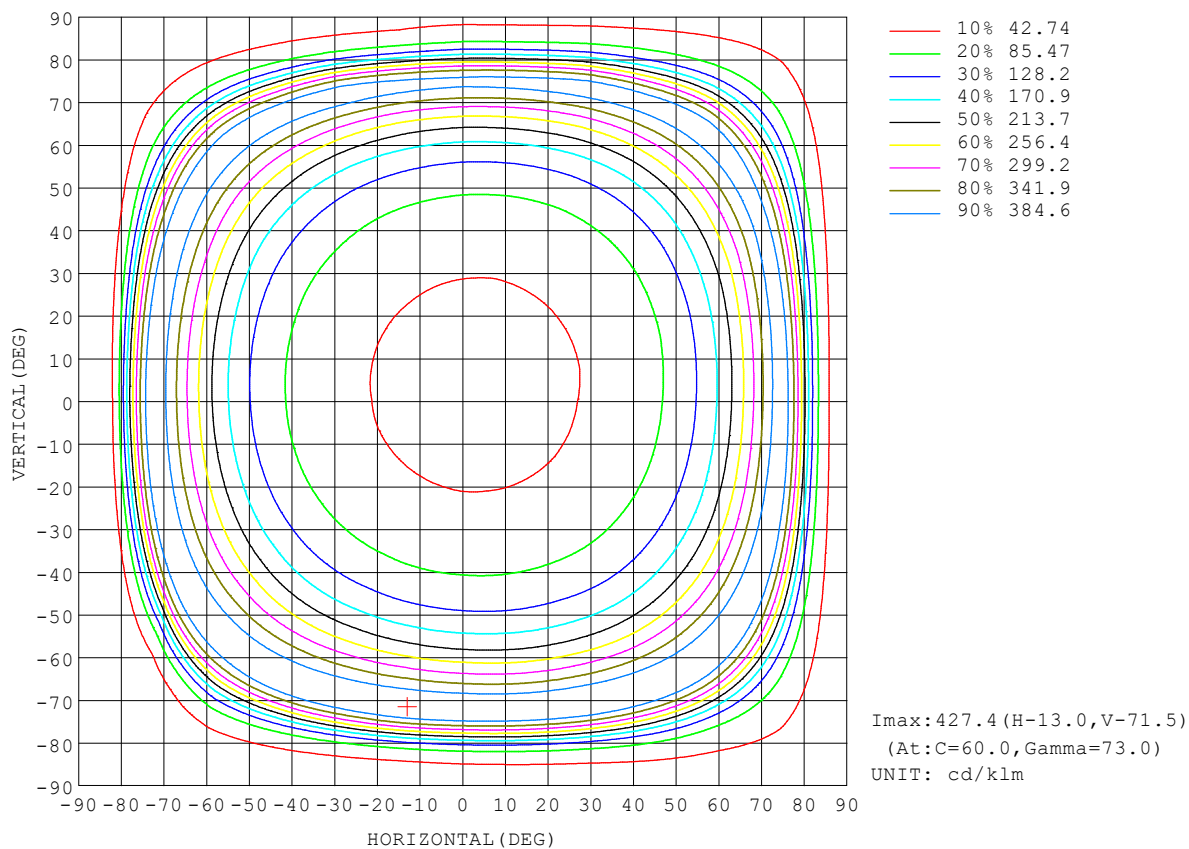
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	39	24	16	38	24	15	37	24	15	7
0.80	46	30	20	45	30	20	43	29	19	10
1.00	53	36	25	51	35	25	48	38	24	14
1.25	60	43	32	58	42	31	54	40	30	19
1.50	66	49	38	64	48	37	59	46	36	25
2.00	75	60	49	73	59	48	68	56	47	35
2.50	82	68	58	79	67	57	74	64	55	43
3.00	87	75	65	85	73	64	79	70	62	50
4.00	94	84	76	92	82	74	86	78	72	60
5.00	99	91	83	96	88	82	91	84	78	67
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: 苏浚杰
 Test Date: 2025-04-03

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.471
 Humidity: 65.0%
 Test Distance: 8.150m [K=1.0000]
 Remarks: USW616F-F01

ISOCANDELA DIAGRAM

NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 广东省赛凌科技有限公司	SUR.:	Shielding Angle:

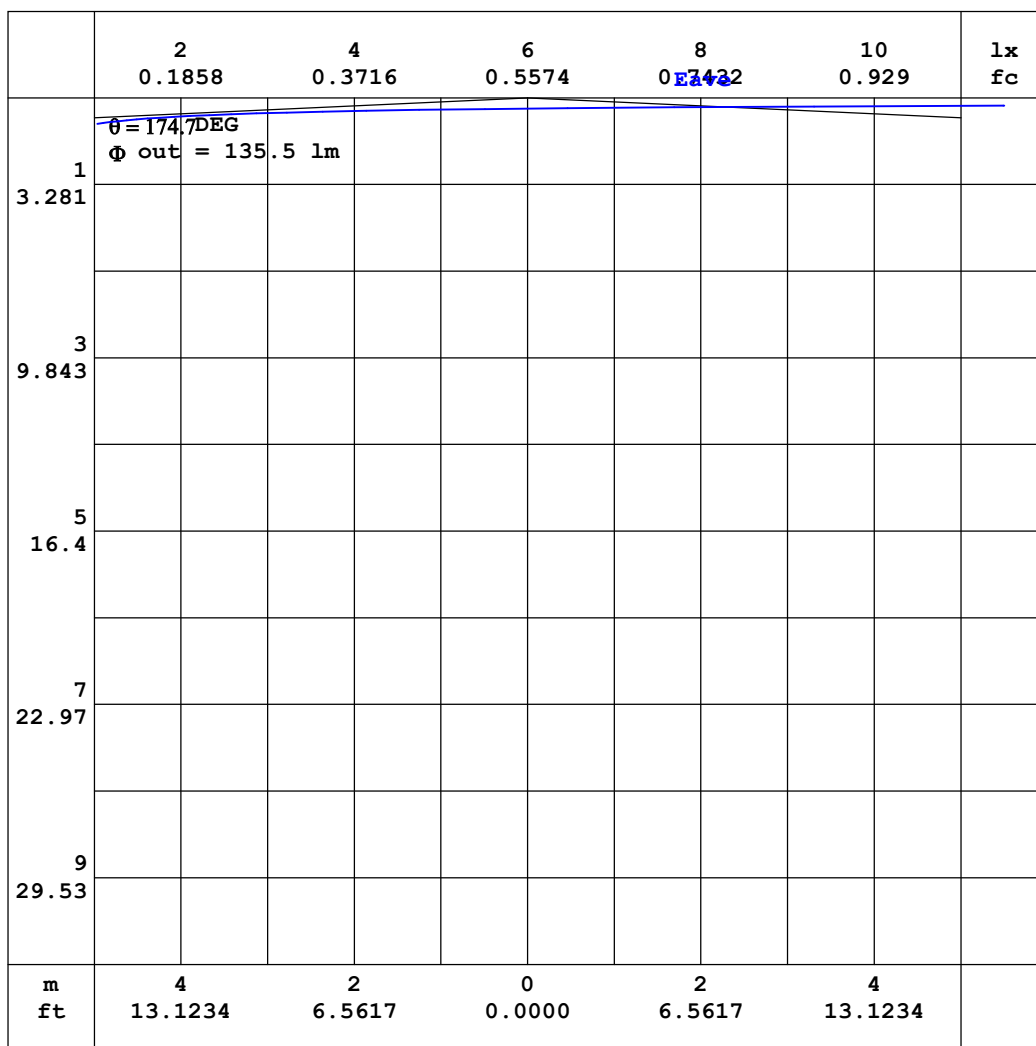


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: 苏俊杰
Test Date: 2025-04-03

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.471
Humidity: 65.0%
Test Distance: 8.150m [K=1.0000]
Remarks: USW616F-F01

AAI CURVES

NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 广东省赛凌科技有限公司	SUR.:	Shielding Angle:



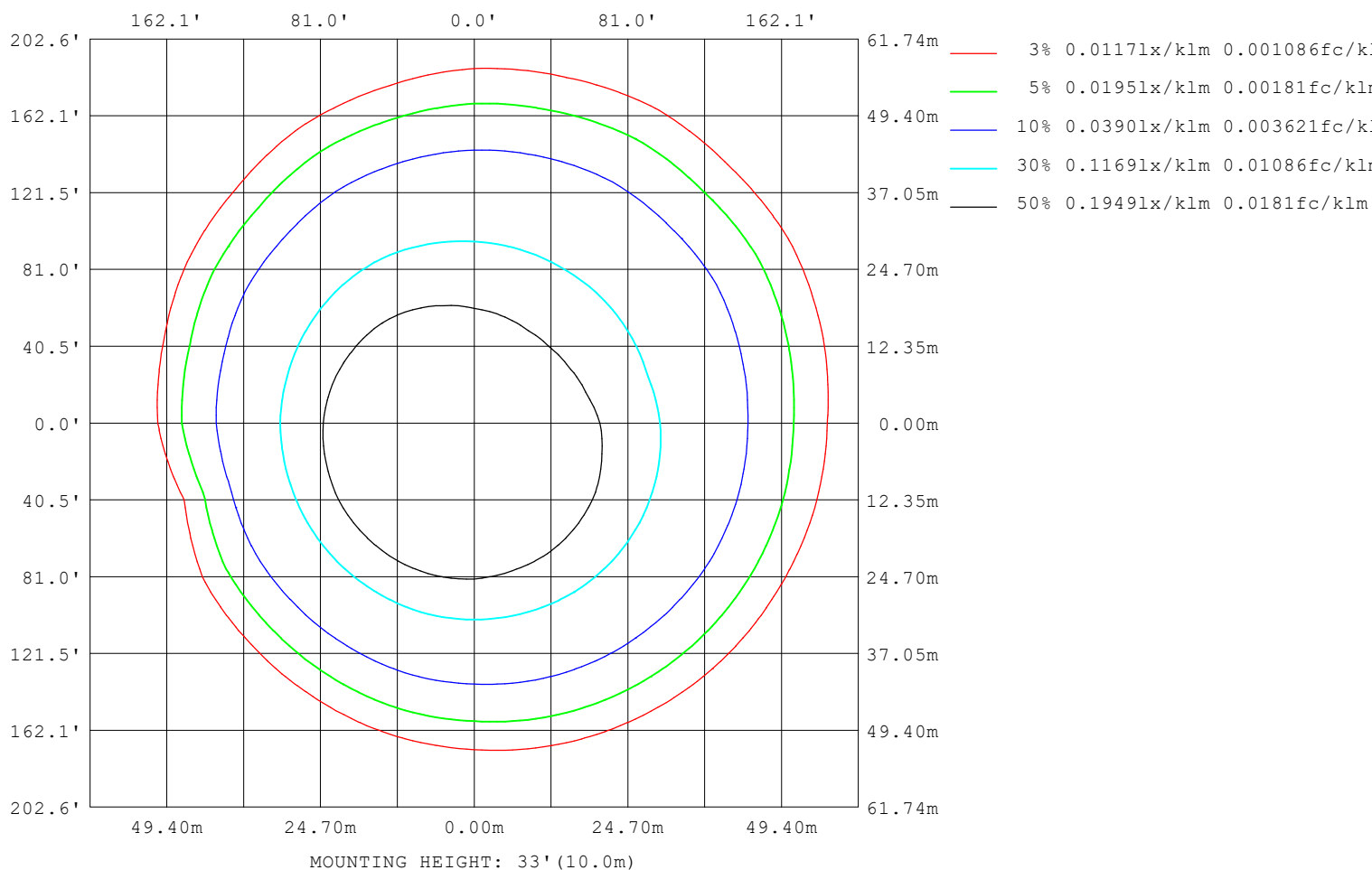
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: 苏俊杰
Test Date: 2025-04-03

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.471
Humidity: 65.0%
Test Distance: 8.150m [K=1.0000]
Remarks: USW616F-F01

ISOLUX DIAGRAM

NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 广东省赛凌科技有限公司	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: 苏俊杰
Test Date: 2025-04-03

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.471
Humidity: 65.0%
Test Distance: 8.150m [K=1.0000]
Remarks: USW616F-F01

LED Avg.L Report

NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 广东省赛凌科技有限公司	SUR.:	Shielding Angle:

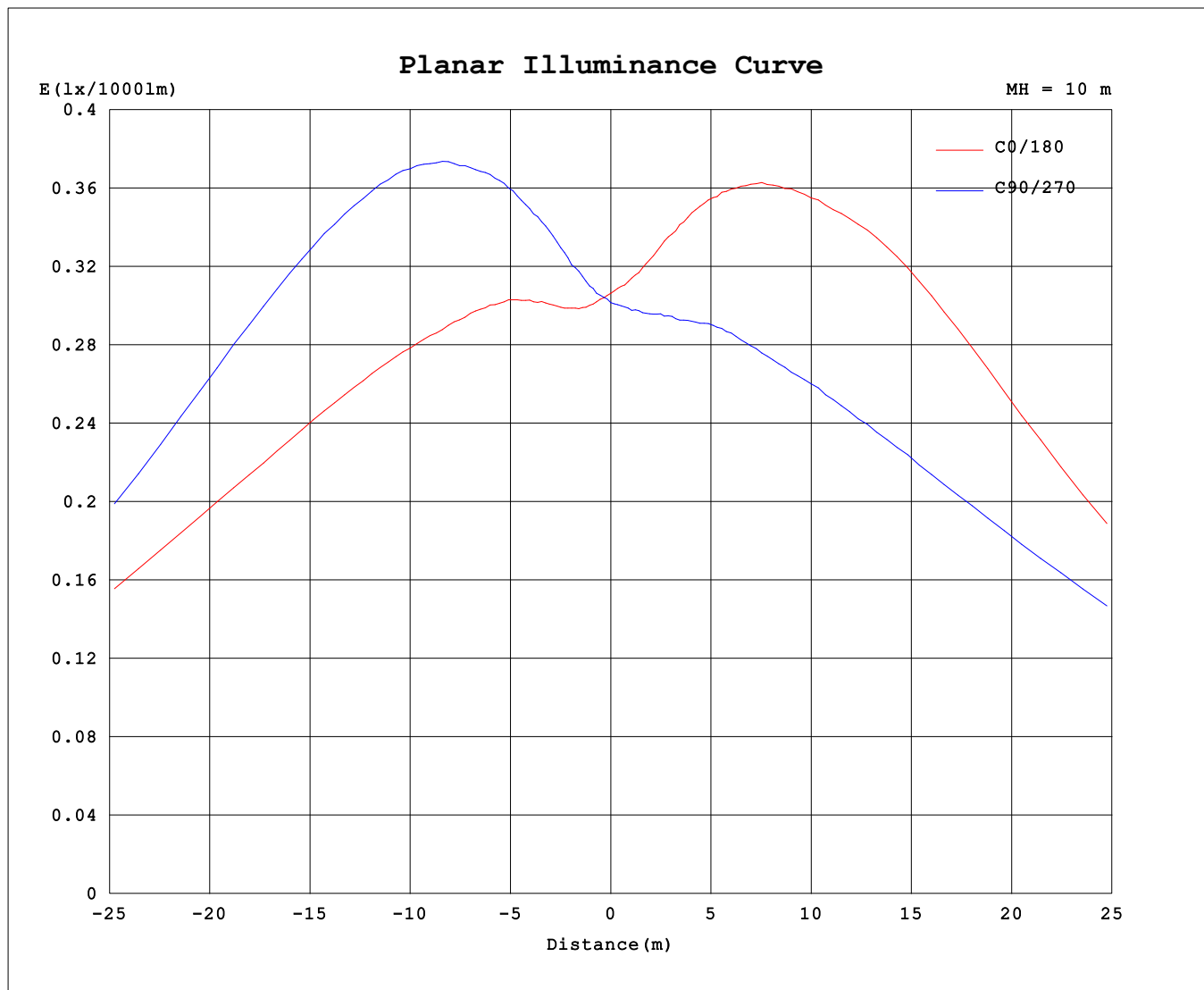
AvgL	cd/m2
L_0~180 (65) av	897
L_0~180 (75) av	2045
L_0~180 (85) av	537
L_90~270 (65) av	895
L_90~270 (75) av	2053
L_90~270 (85) av	907
L_45 (65) av	896
L_45 (75) av	2069
L_45 (85) av	801

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3℃
Operators: 苏浚杰
Test Date: 2025-04-03

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.471
Humidity: 65.0%
Test Distance: 8.150m [K=1.0000]
Remarks: USW616F-F01

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: 苏俊杰
Test Date: 2025-04-03

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.471
Humidity: 65.0%
Test Distance: 8.150m [K=1.0000]
Remarks: USW616F-F01

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 广东省赛凌科技有限公司	SUR.:	Shielding Angle:

Table--1

UNIT: cd/klm

γ (DEG) \ C (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	30.6	30.4	30.5	30.4	30.3	30.4	30.2	30.3	30.1	30.3	30.1	30.2	30.6	30.4	30.5	30.4	30.3	30.4	30.2
5	30.4	30.6	30.6	30.9	31.0	31.2	31.2	31.4	31.4	31.6	31.4	31.4	31.6	31.2	31.0	30.7	30.6	30.3	30.2
10	31.3	31.7	31.9	32.5	32.7	33.2	33.4	33.9	33.9	34.0	33.8	33.7	33.7	33.1	32.7	32.1	31.8	31.3	31.0
15	33.3	33.9	34.3	35.2	35.7	36.4	36.9	37.4	37.5	37.8	37.3	37.1	36.9	35.9	35.3	34.4	33.9	33.1	32.7
20	36.4	37.2	37.8	39.0	39.8	40.9	41.6	42.3	42.7	42.8	42.5	41.8	41.3	40.2	39.2	38.1	37.3	36.1	35.3
25	40.7	41.7	42.8	44.3	45.6	46.8	47.8	48.7	49.1	49.4	49.0	48.1	47.3	45.8	44.4	42.9	41.5	40.3	39.1
30	46.3	47.8	49.4	51.3	53.0	54.7	56.2	57.1	58.0	58.2	57.7	56.5	55.2	53.3	51.3	49.2	47.3	45.6	44.2
35	53.9	55.9	58.2	60.6	63.2	65.4	67.4	68.7	69.8	70.1	69.4	67.6	65.9	63.4	60.6	57.7	55.1	52.7	50.9
40	64.0	66.9	70.5	73.7	77.3	80.1	83.1	84.9	86.5	86.5	85.4	83.1	80.3	76.9	73.1	69.5	65.6	62.7	60.2
45	78.7	82.7	87.4	91.5	96.6	100	105	108	110	109	108	105	100	95.5	90.5	86.0	80.7	76.8	73.6
50	99.9	105	111	117	124	129	135	140	143	142	140	136	130	122	115	109	102	97.3	92.6
55	131	138	146	153	162	170	179	185	189	188	187	181	172	162	151	142	134	127	121
60	176	185	198	207	218	228	240	248	253	252	249	241	230	218	204	192	180	171	163
65	244	255	271	284	298	308	323	332	334	333	328	317	307	293	279	266	251	237	227
70	335	351	367	381	394	401	411	415	414	410	406	397	392	381	369	359	347	331	320
75	404	412	416	412	406	393	380	372	358	352	349	349	365	369	386	390	399	395	392
80	224	215	200	189	173	157	143	131	118	110	106	68.0	103	126	148	163	191	206	229
85	52.9	57.2	52.1	50.9	46.3	44.6	42.1	36.7	34.2	31.4	28.5	17.8	15.0	34.4	39.8	45.6	54.4	61.9	72.7
90	13.9	21.0	18.1	17.9	17.6	17.0	17.0	15.4	15.0	13.8	12.3	8.12	3.23	14.1	16.9	20.3	23.5	25.7	29.7
95	4.98	5.60	5.08	6.76	6.84	7.31	6.24	6.07	4.63	4.04	3.23	3.75	5.63	3.69	6.27	8.19	11.0	12.2	13.7
100	0.55	0.62	0.58	0.62	0.58	0.62	0.58	0.62	0.62	0.62	0.62	0.69	0.75	0.82	0.82	0.86	0.86	0.82	0.89
105	0.72	0.72	0.65	0.69	0.65	0.69	0.72	0.69	0.69	0.69	0.65	0.69	0.75	0.82	0.79	0.86	0.82	0.82	0.86
110	0.72	0.69	0.65	0.69	0.65	0.65	0.65	0.65	0.69	0.65	0.72	0.69	0.69	0.79	0.79	0.86	0.79	0.86	0.86
115	0.72	0.69	0.72	0.69	0.62	0.62	0.65	0.62	0.62	0.65	0.65	0.65	0.65	0.69	0.69	0.75	0.69	0.82	0.75
120	0.72	0.69	0.69	0.65	0.69	0.65	0.58	0.62	0.62	0.62	0.62	0.62	0.51	0.62	0.65	0.69	0.72	0.72	0.69
125	0.75	0.72	0.69	0.69	0.69	0.65	0.65	0.62	0.65	0.62	0.65	0.65	0.51	0.62	0.58	0.65	0.69	0.65	0.69
130	0.75	0.69	0.72	0.65	0.69	0.62	0.62	0.55	0.62	0.55	0.58	0.51	0.48	0.62	0.51	0.65	0.65	0.69	0.65
135	0.69	0.58	0.62	0.48	0.55	0.34	0.48	0.31	0.48	0.31	0.45	0.31	0.34	0.48	0.41	0.58	0.48	0.62	0.51
140	0.51	0.31	0.45	0.24	0.34	0.17	0.27	0.17	0.24	0.14	0.21	0.17	0.21	0.31	0.24	0.41	0.31	0.48	0.38
145	0.31	0.17	0.24	0.14	0.17	0.14	0.14	0.10	0.14	0.07	0.14	0.10	0.14	0.17	0.17	0.24	0.14	0.28	0.21
150	0.17	0.10	0.14	0.14	0.10	0.10	0.07	0.00	0.07	0.00	0.07	0.03	0.03	0.10	0.07	0.17	0.17	0.17	0.17
155	0.14	0.03	0.07	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.07	0.03	0.10	0.10
160	0.03	0.00	0.03	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
165	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
170	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
175	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
180	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 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3℃
Operators: 苏浚杰
Test Date: 2025-04-03

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.471
Humidity: 65.0%
Test Distance: 8.150m [K=1.0000]
Remarks: USW616F-F01

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 广东省赛凌科技有限公司	SUR.:	Shielding Angle:

Table--2

UNIT: cd/klm

C (DEG) γ (DEG)	285	300	315	330	345														
0	30.3	30.1	30.3	30.1	30.2														
5	30.0	30.0	29.9	30.0	30.0														
10	30.7	30.6	30.4	30.6	30.6														
15	32.1	32.1	32.0	32.2	32.3														
20	34.7	34.7	34.7	34.9	35.3														
25	38.4	38.3	38.5	38.9	39.2														
30	43.1	43.2	43.2	43.8	44.4														
35	49.6	49.4	49.6	50.3	51.3														
40	58.7	58.0	58.3	59.2	60.6														
45	71.5	70.3	70.4	71.5	73.8														
50	89.9	88.1	88.5	89.8	93.2														
55	117	115	115	117	122														
60	159	155	155	158	165														
65	222	217	217	222	226														
70	313	309	311	312	315														
75	396	402	401	403	398														
80	239	258	253	262	245														
85	73.8	77.7	75.0	71.5	68.6														
90	29.0	29.6	28.1	26.1	25.3														
95	13.0	12.6	10.5	8.15	5.96														
100	0.82	0.93	0.75	0.82	0.75														
105	0.89	0.89	0.93	0.86	0.82														
110	0.89	0.89	0.93	0.79	0.82														
115	0.86	0.75	0.93	0.79	0.82														
120	0.76	0.69	0.75	0.69	0.72														
125	0.69	0.69	0.65	0.65	0.65														
130	0.65	0.65	0.69	0.65	0.65														
135	0.62	0.58	0.65	0.58	0.62														
140	0.55	0.44	0.51	0.34	0.45														
145	0.34	0.24	0.34	0.21	0.38														
150	0.21	0.14	0.24	0.17	0.21														
155	0.10	0.14	0.10	0.07	0.10														
160	0.03	0.00	0.07	0.00	0.03														
165	0.00	0.00	0.00	0.00	0.00														
170	0.00	0.00	0.00	0.00	0.00														
175	0.00	0.00	0.00	0.00	0.00														
180	0.00	0.00	0.00	0.00	0.00														

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:苏浚杰
Test Date:2025-04-03

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.471
Humidity:65.0%
Test Distance:8.150m [K=1.0000]
Remarks: USW616F-F01