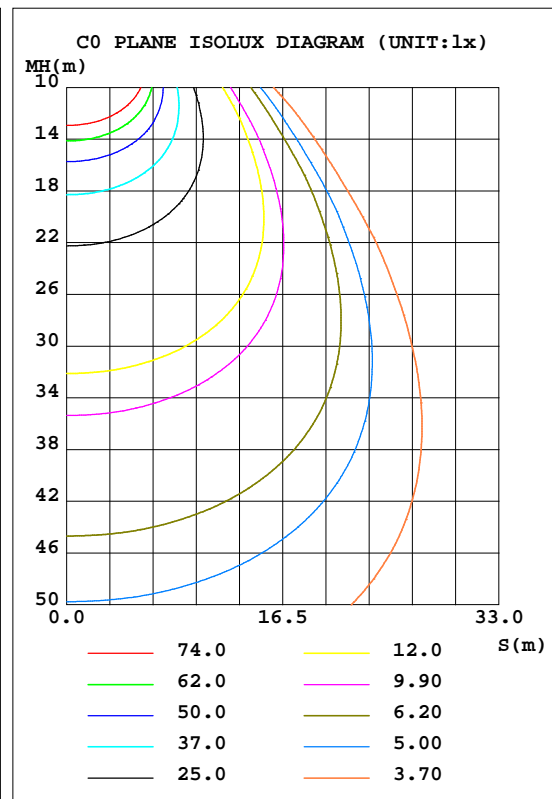
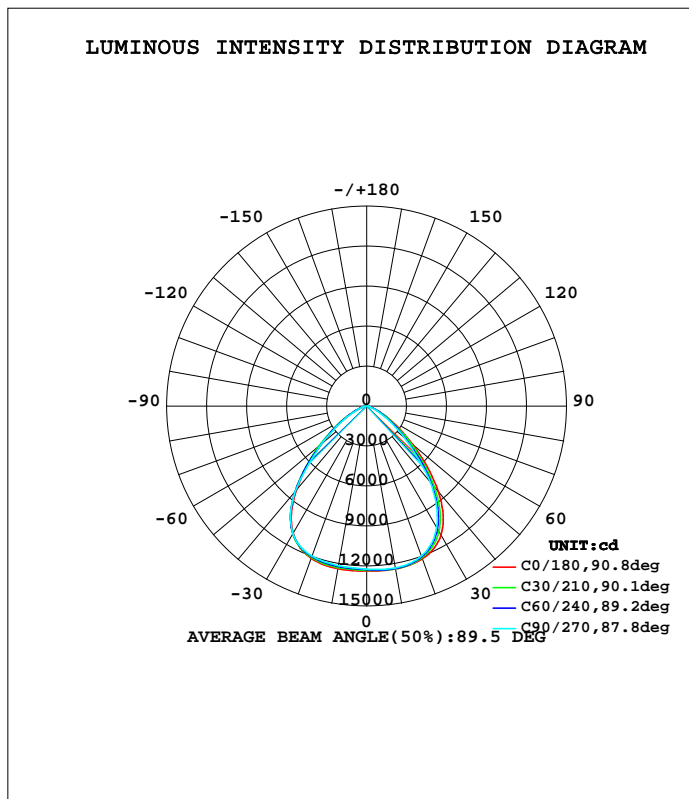


**LUMINAIRE PHOTOMETRIC TEST REPORT**

Test:U:220.1V I:0.9050A P:198.3W PF:0.9950 Lamp Flux:24815.4x1 lm		
NAME: LED Explosion Proof Light	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:280*190mm	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 125.14 lm/W			
MODEL	KLE1017-200	I <sub>max</sub> (cd)	12407	S/MH(C0/180)	1.27
NOMINAL POWER(W)	200	LOR(%)	100.0	S/MH(C90/270)	1.28
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	24815	η UP, DN(C0-180)	0.0, 48.7
NOMINAL FLUX(lm)	24815.4	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.1, 51.1
LAMPS INSIDE	1	η up(%)	0.1	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	220.1	η down(%)	99.9	CIBSE SHR MAX	1.30



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25DEG  
 Operators: Qin Meng  
 Test Date: 2022-07-27

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.287  
 Humidity: 65.0%  
 Test Distance: 8.540m [K=1.0000]  
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	\$lum,lamp
10	1240	1240	1233	1228	1240	1227	1216	1216	0- 10	1171	1171	4.72,4.72
20	1221	1209	1198	1196	1216	1205	1198	1198	10- 20	3454	4626	18.6,18.6
30	1117	1076	1051	1059	1104	1106	1107	1101	20- 30	5341	9967	40.2,40.2
40	836.5	773.9	740.6	760.7	820.3	831.1	833.3	826.1	30- 40	5997	15965	64.3,64.3
50	451.7	418.9	372.3	411.3	439.1	465.0	442.2	462.9	40- 50	4684	20649	83.2,83.2
60	194.1	180.8	154.1	173.4	194.4	199.2	188.2	193.6	50- 60	2633	23282	93.8,93.8
70	60.10	59.91	44.53	60.89	60.74	66.55	51.03	62.72	60- 70	1127	24409	98.4,98.4
80	11.39	11.07	8.399	11.46	11.81	11.25	7.769	10.58	70- 80	330.5	24739	99.7,99.7
90	0.0526	0.0455	0.0647	0.0888	0.1357	0.1085	0.0887	0.1042	80- 90	47.15	24786	99.9,99.9
100	0.0845	0.0892	0.0831	0.0874	0.2107	0.1934	0.1711	0.1865	90-100	1.071	24787	99.9,99.9
110	0.1676	0.1743	0.1699	0.1720	0.3807	0.3519	0.3279	0.3418	100-110	2.060	24789	99.9,99.9
120	0.2811	0.2906	0.2880	0.2887	0.5636	0.5339	0.5131	0.5242	110-120	3.300	24793	99.9,99.9
130	0.4084	0.4193	0.4181	0.4165	0.7264	0.7012	0.6878	0.6943	120-130	4.332	24797	99.9,99.9
140	0.5550	0.5691	0.5628	0.5627	0.8679	0.8487	0.8399	0.8451	130-140	4.868	24802	99.9,99.9
150	0.7214	0.7369	0.7287	0.7323	0.9961	0.9775	0.9717	0.9743	140-150	4.871	24807	100,100
160	0.9259	0.9391	0.9383	0.9396	1.111	1.093	1.086	1.087	150-160	4.295	24811	100,100
170	1.118	1.135	1.136	1.133	1.210	1.200	1.196	1.186	160-170	3.075	24814	100,100
180	1.187	1.194	1.193	1.192	1.193	1.197	1.197	1.192	170-180	1.124	24815	100,100
DEG	LUMINOUS INTENSITY: $\times 10\text{cd}$									UNIT:lm		

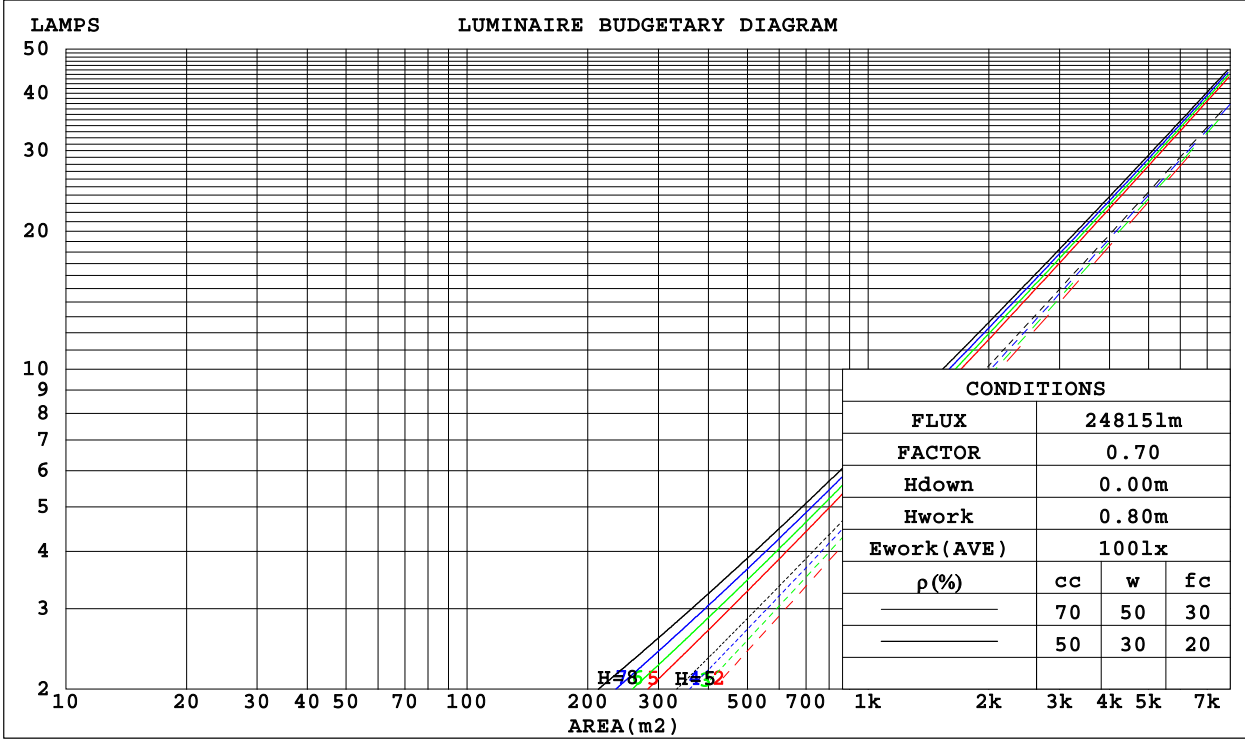
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25DEG  
 Operators:Qin Meng  
 Test Date:2022-07-27

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.287  
 Humidity:65.0%  
 Test Distance:8.540m [K=1.0000]  
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.1V I:0.9050A P:198.3W PF:0.9950 Lamp Flux:24815.4x1 lm		
NAME: LED Explosion Proof Light	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:280*190mm	PROTECTION ANGLE:

$\rho_{cc}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	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	.00
1.0	1.08	1.05	1.02	1.06	1.03	1.00	1.01	.99	.97	.98	.96	.94	.94	.93	.91	.89
2.0	.97	.92	.87	.95	.90	.86	.92	.88	.84	.89	.85	.82	.86	.83	.81	.79
3.0	.88	.81	.76	.86	.80	.75	.83	.78	.74	.81	.76	.73	.78	.75	.71	.70
4.0	.79	.72	.66	.78	.71	.66	.76	.70	.65	.73	.68	.64	.71	.67	.63	.62
5.0	.72	.64	.59	.71	.64	.58	.69	.63	.58	.67	.62	.57	.65	.61	.57	.55
6.0	.66	.58	.52	.65	.58	.52	.63	.57	.52	.62	.56	.51	.60	.55	.51	.49
7.0	.60	.53	.47	.59	.52	.47	.58	.51	.47	.57	.51	.46	.55	.50	.46	.44
8.0	.55	.48	.43	.55	.48	.43	.54	.47	.42	.52	.46	.42	.51	.46	.42	.40
9.0	.51	.44	.39	.51	.44	.39	.50	.43	.39	.49	.43	.38	.48	.42	.38	.37
10.0	.47	.40	.36	.47	.40	.35	.46	.40	.35	.45	.39	.35	.44	.39	.35	.33



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25DEG  
 Operators:Qin Meng  
 Test Date:2022-07-27

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.287  
 Humidity:65.0%  
 Test Distance:8.540m [K=1.0000]  
 Remarks:

WEC AND CCEC

Test:U:220.1V I:0.9050A P:198.3W PF:0.9950 Lamp Flux:24815.4x1 lm		
NAME: LED Explosion Proof Light	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:280*190mm	PROTECTION 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
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.233	.132	.042	.226	.129	.041	.213	.122	.039	.201	.116	.037	.190	.110	.035	
2.0	.227	.124	.038	.221	.122	.038	.210	.117	.036	.200	.112	.035	.190	.108	.034	
3.0	.217	.115	.035	.212	.113	.034	.202	.109	.033	.193	.106	.032	.185	.102	.032	
4.0	.206	.107	.031	.201	.105	.031	.192	.102	.030	.184	.099	.030	.177	.096	.029	
5.0	.194	.099	.029	.190	.098	.028	.183	.095	.028	.176	.093	.028	.169	.090	.027	
6.0	.184	.092	.026	.180	.091	.026	.173	.089	.026	.167	.087	.026	.161	.085	.025	
7.0	.174	.086	.024	.171	.085	.024	.164	.083	.024	.159	.081	.024	.153	.080	.023	
8.0	.164	.080	.023	.162	.080	.022	.156	.078	.022	.151	.077	.022	.146	.075	.022	
9.0	.156	.075	.021	.153	.075	.021	.148	.073	.021	.144	.072	.021	.139	.071	.020	
10.0	.148	.071	.020	.146	.070	.020	.141	.069	.020	.137	.068	.019	.133	.067	.019	

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.191	.191	.191	.164	.164	.164	.112	.112	.112	.064	.064	.064	.021	.021	.021	
1.0	.176	.158	.141	.150	.135	.122	.103	.093	.084	.059	.054	.049	.019	.017	.016	
2.0	.165	.133	.107	.141	.115	.092	.097	.079	.064	.056	.046	.038	.018	.015	.012	
3.0	.155	.115	.083	.133	.099	.072	.091	.069	.050	.053	.040	.030	.017	.013	.010	
4.0	.147	.101	.066	.126	.087	.057	.087	.061	.040	.050	.036	.024	.016	.012	.008	
5.0	.140	.090	.053	.120	.078	.046	.083	.054	.033	.048	.032	.019	.015	.010	.006	
6.0	.133	.081	.044	.114	.071	.039	.079	.049	.027	.046	.029	.016	.015	.009	.005	
7.0	.127	.074	.038	.109	.064	.033	.075	.045	.023	.044	.027	.014	.014	.009	.005	
8.0	.121	.068	.032	.104	.059	.028	.072	.042	.020	.042	.025	.012	.014	.008	.004	
9.0	.116	.064	.028	.100	.055	.025	.069	.039	.017	.040	.023	.010	.013	.008	.003	
10.0	.111	.059	.025	.096	.051	.022	.066	.036	.016	.039	.021	.009	.013	.007	.003	

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25DEG  
 Operators:Qin Meng  
 Test Date:2022-07-27

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.287  
 Humidity:65.0%  
 Test Distance:8.540m [K=1.0000]  
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:220.1V I:0.9050A P:198.3W PF:0.9950 Lamp Flux:24815.4x1 lm										
NAME: LED Explosion Proof Light					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.:					SUR.:280*190mm			PROTECTION 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	28.2	29.4	28.4	29.6	29.8	27.4	28.7	27.6	28.9	29.0
3H	28.3	29.5	28.6	29.7	29.9	27.5	28.6	27.7	28.9	29.1
4H	28.3	29.4	28.6	29.7	29.9	27.4	28.5	27.7	28.8	29.0
6H	28.3	29.3	28.6	29.5	29.8	27.4	28.4	27.7	28.6	28.9
8H	28.2	29.2	28.5	29.5	29.8	27.3	28.3	27.6	28.6	28.9
12H	28.2	29.1	28.5	29.4	29.7	27.3	28.2	27.6	28.5	28.8
4H 2H	28.2	29.3	28.5	29.5	29.8	27.5	28.6	27.8	28.8	29.1
3H	28.4	29.4	28.8	29.7	29.9	27.6	28.6	28.0	28.9	29.2
4H	28.4	29.3	28.8	29.6	29.9	27.6	28.5	28.0	28.8	29.1
6H	28.4	29.2	28.8	29.5	29.9	27.6	28.3	28.0	28.7	29.0
8H	28.4	29.1	28.8	29.4	29.8	27.5	28.2	27.9	28.6	29.0
12H	28.3	29.0	28.8	29.4	29.8	27.5	28.1	27.9	28.5	28.9
8H 4H	28.4	29.1	28.8	29.4	29.8	27.6	28.3	28.0	28.6	29.0
6H	28.3	28.9	28.8	29.3	29.7	27.5	28.1	28.0	28.5	28.9
8H	28.3	28.8	28.8	29.2	29.7	27.5	28.0	28.0	28.4	28.9
12H	28.3	28.7	28.8	29.2	29.6	27.5	27.9	28.0	28.3	28.8
12H 4H	28.3	29.0	28.7	29.3	29.7	27.5	28.2	28.0	28.5	28.9
6H	28.3	28.8	28.8	29.2	29.7	27.5	28.0	28.0	28.4	28.9
8H	28.3	28.7	28.8	29.2	29.6	27.5	27.9	27.9	28.3	28.8
Variations with the observer position at spacings:										
S = 1.0H	+ 1.0 / - 1.5					+ 1.2 / - 2.0				
1.5H	+ 0.8 / - 1.1					+ 1.0 / - 1.0				
2.0H	+ 2.5 / - 2.7					+ 2.3 / - 2.4				

CIE Pub.117 Corrected 24815 lm Total Lamp Luminous Flux.(8log(F/F0) = 11.2)

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25DEG  
 Operators:Qin Meng  
 Test Date:2022-07-27

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.287  
 Humidity:65.0%  
 Test Distance:8.540m [K=1.0000]  
 Remarks:

**UTILIZATION FACTORS TABLE**

Test:U:220.1V I:0.9050A P:198.3W PF:0.9950 Lamp Flux:24815.4x1 lm		
NAME: LED Explosion Proof Light	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:280*190mm	PROTECTION 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) x RCR = 5									
k = 0.60	69	59	53	68	59	53	67	59	53	48
0.80	79	70	64	78	69	64	76	68	63	58
1.00	87	78	72	86	77	72	84	78	72	66
1.25	93	85	80	92	84	79	89	83	78	73
1.50	97	90	84	96	89	84	93	87	83	77
2.00	102	96	91	101	95	90	97	93	89	83
2.50	105	99	95	103	98	94	100	95	92	85
3.00	107	102	98	105	101	97	102	98	95	88
4.00	110	106	103	108	104	101	104	101	99	91
5.00	112	108	105	110	106	104	105	103	101	92
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:25DEG  
 Operators:Qin Meng  
 Test Date:2022-07-27

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.287  
 Humidity:65.0%  
 Test Distance:8.540m [K=1.0000]  
 Remarks:

ISOCANDELA DIAGRAM

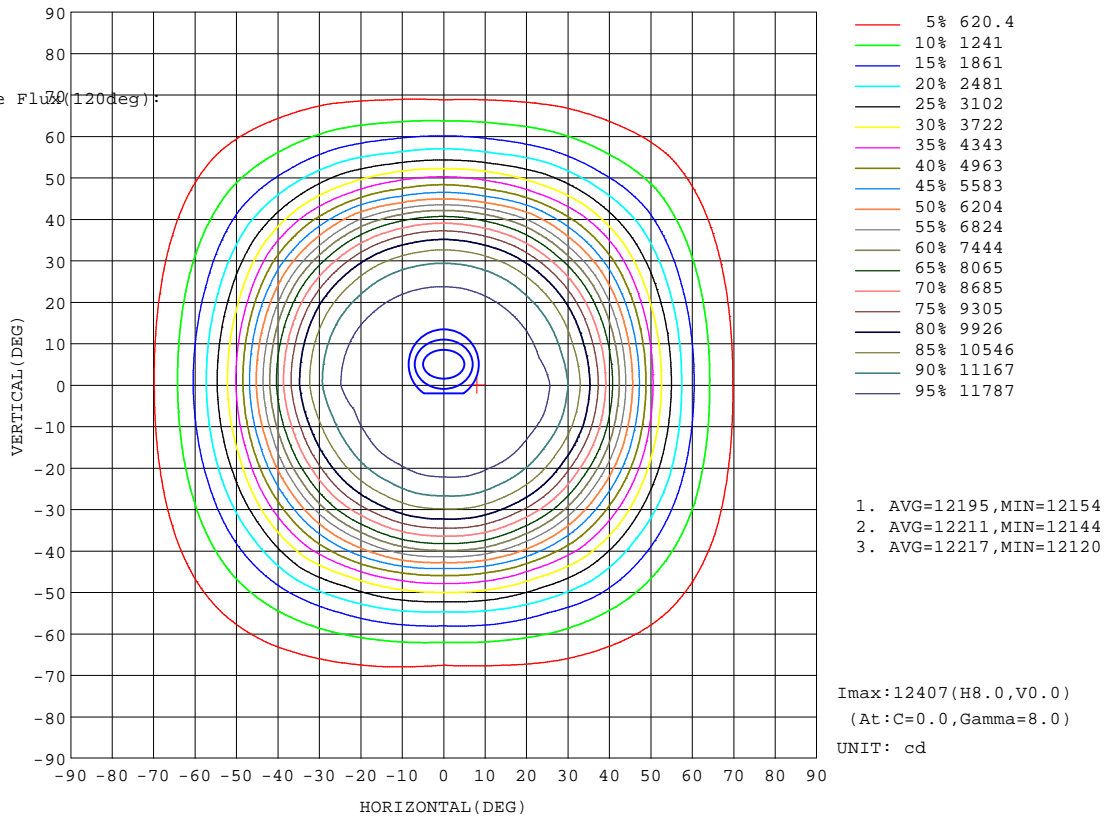
Test:U:220.1V I:0.9050A P:198.3W PF:0.9950 Lamp Flux:24815.4x1 lm		
NAME: LED Explosion Proof Light	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:280*190mm	PROTECTION ANGLE:

Conical surface Flux(90deg):

18569 lm  
%lum = 74.8%  
%lamp = 74.8%

Conical surface Flux(120deg):

23282 lm  
%lum = 93.8%  
%lamp = 93.8%



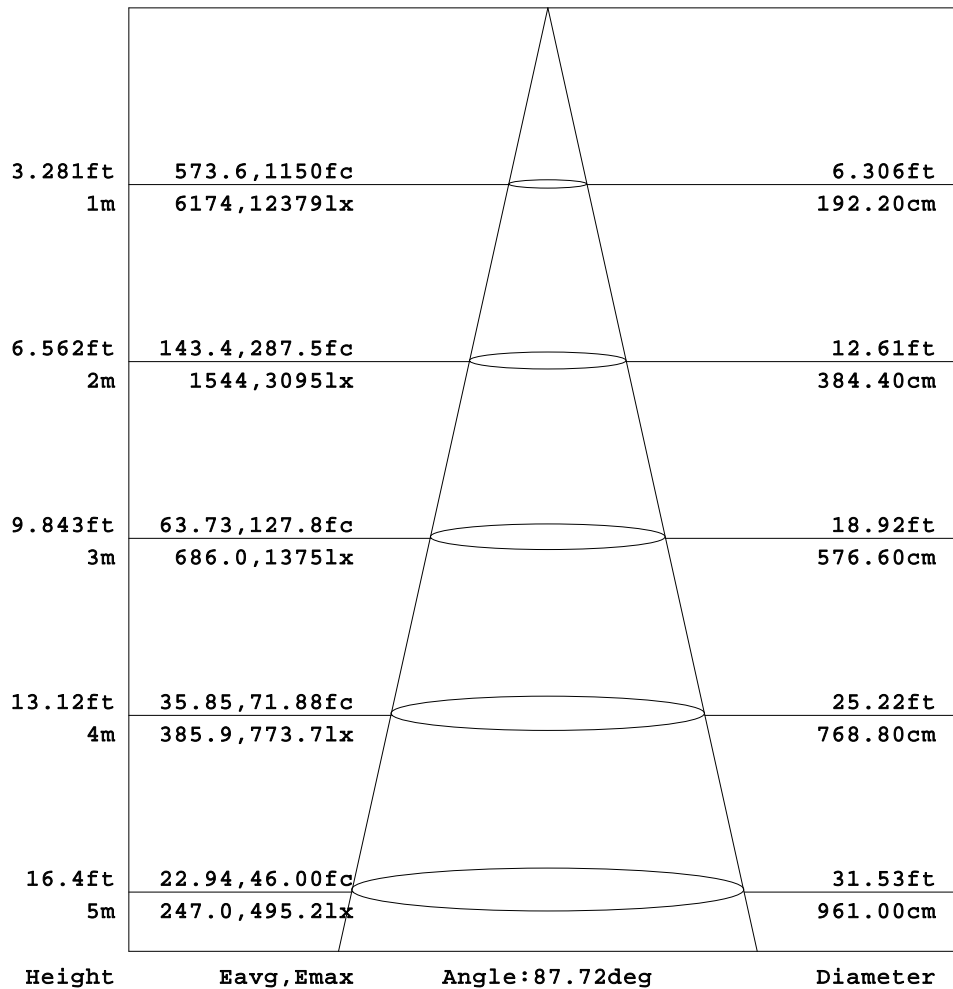
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25DEG  
Operators:Qin Meng  
Test Date:2022-07-27

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.287  
Humidity:65.0%  
Test Distance:8.540m [K=1.0000]  
Remarks:

AAI Figure

Test:U:220.1V I:0.9050A P:198.3W PF:0.9950 Lamp Flux:24815.4x1 lm		
NAME: LED Explosion Proof Light	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:280*190mm	PROTECTION ANGLE:

Flux out:18088 lm



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

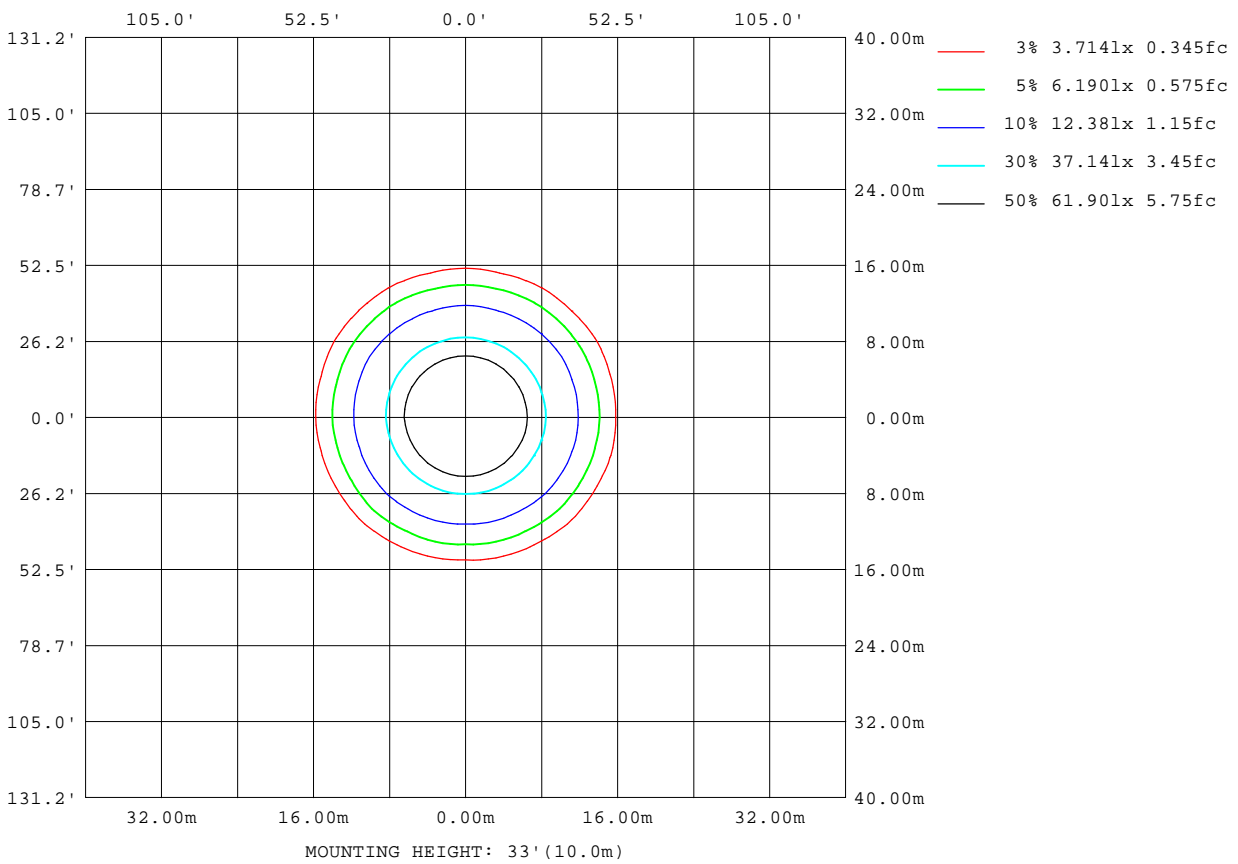
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25DEG  
 Operators:Qin Meng  
 Test Date:2022-07-27

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.287  
 Humidity:65.0%  
 Test Distance:8.540m [K=1.0000]  
 Remarks:



**ISOLUX DIAGRAM**

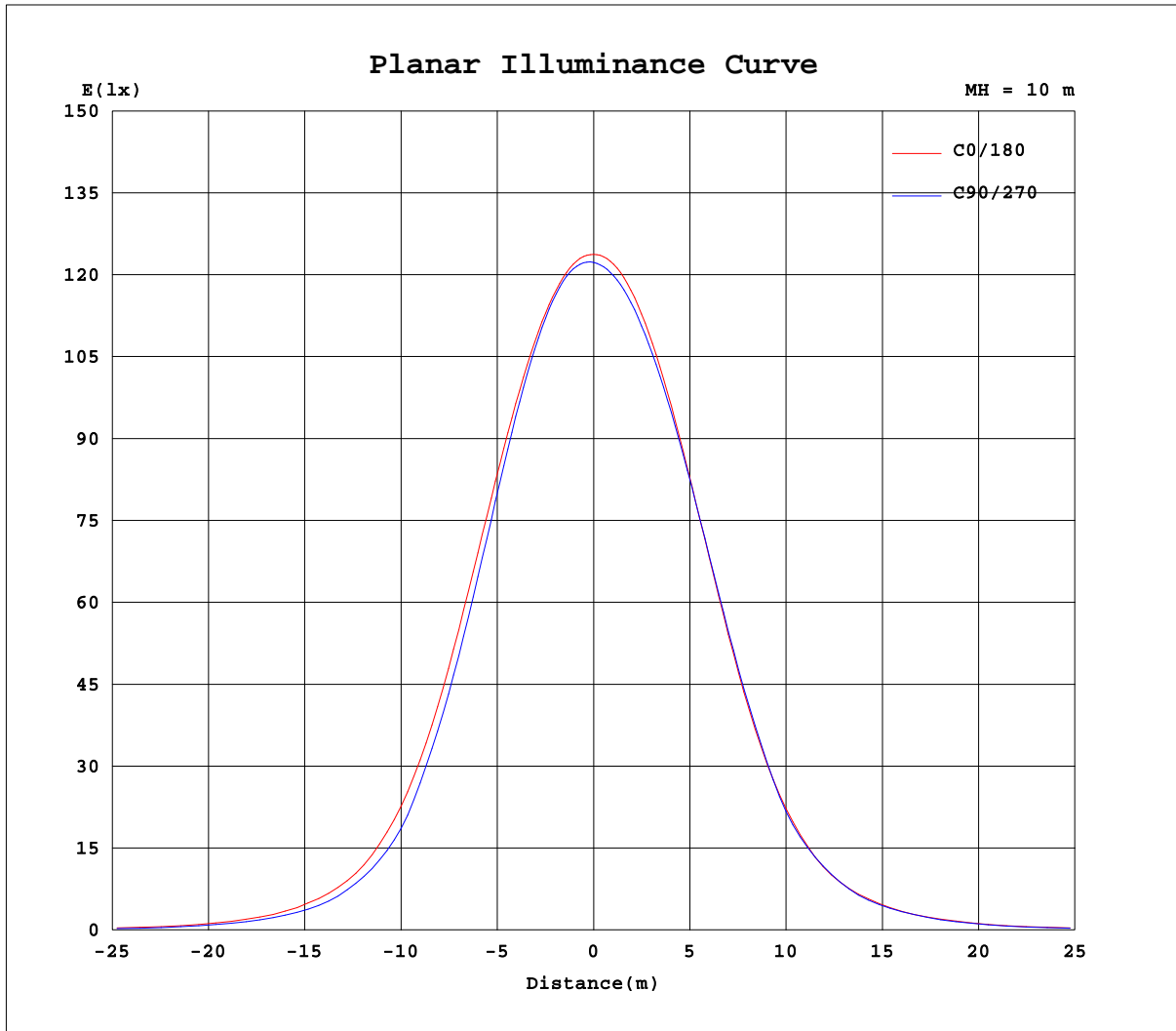
Test:U:220.1V I:0.9050A P:198.3W PF:0.9950 Lamp Flux:24815.4x1 lm		
NAME: LED Explosion Proof Light	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:280*190mm	PROTECTION ANGLE:



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25DEG  
 Operators:Qin Meng  
 Test Date:2022-07-27

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.287  
 Humidity:65.0%  
 Test Distance:8.540m [K=1.0000]  
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25DEG  
 Operators: Qin Meng  
 Test Date: 2022-07-27

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.287  
 Humidity: 65.0%  
 Test Distance: 8.540m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.1V I:0.9050A P:198.3W PF:0.9950 Lamp Flux:24815.4x1 lm		
NAME: LED Explosion Proof Light	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:280*190mm	PROTECTION ANGLE:

Table--1 UNIT: x10cd

C( DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	1238	1235	1232	1230	1228	1225	1223	1221	1219	1218	1216	1215	1238	1235	1232	1230	1228	1225	1223
5	1240	1238	1237	1236	1234	1232	1230	1228	1226	1223	1221	1218	1239	1235	1230	1227	1224	1221	1218
10	1240	1240	1240	1240	1238	1236	1233	1232	1231	1228	1224	1220	1240	1234	1231	1227	1223	1219	1216
15	1236	1236	1234	1233	1230	1228	1224	1224	1222	1220	1217	1214	1234	1229	1225	1221	1217	1213	1210
20	1221	1219	1212	1209	1204	1203	1198	1198	1195	1196	1195	1195	1216	1213	1210	1205	1203	1200	1198
25	1186	1180	1166	1160	1152	1151	1143	1145	1142	1146	1148	1153	1177	1177	1176	1172	1171	1170	1169
30	1117	1107	1086	1076	1064	1061	1051	1055	1052	1059	1064	1077	1104	1107	1109	1106	1108	1106	1107
35	1002	987	961	947	930	925	915	920	919	931	937	955	986	992	998	994	997	993	996
40	837	820	789	774	755	751	741	746	747	761	768	787	820	827	836	831	835	831	833
45	642	627	599	584	565	541	528	542	561	575	581	598	630	636	647	641	644	618	615
50	452	445	431	419	386	380	372	377	382	411	416	418	439	448	469	465	448	441	442
55	309	302	286	281	263	252	241	251	259	279	275	287	303	305	316	312	312	291	293
60	194	192	185	181	165	163	154	163	163	173	180	184	194	194	208	199	198	189	188
65	113	115	110	106	101	94.9	88.0	96.3	101	106	112	112	113	119	124	120	121	112	105
70	60.1	64.6	63.5	59.9	56.4	49.6	44.5	52.6	56.7	60.9	62.1	61.2	60.7	64.9	70.9	66.6	65.9	56.7	51.0
75	30.0	33.4	31.7	29.9	27.5	23.7	21.5	25.2	28.7	30.7	31.2	31.6	30.5	33.1	34.9	32.6	31.4	26.0	22.4
80	11.4	12.8	12.3	11.1	10.4	9.29	8.40	9.79	10.9	11.5	12.6	12.2	11.8	13.0	13.1	11.3	11.0	8.84	7.77
85	3.36	3.81	3.93	4.09	4.20	4.30	4.16	4.26	4.07	4.01	3.82	3.53	3.40	3.65	3.87	3.70	3.79	3.79	3.70
90	0.05	0.04	0.05	0.05	0.06	0.05	0.06	0.06	0.07	0.09	0.06	0.04	0.14	0.12	0.11	0.11	0.09	0.10	0.09
95	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.15	0.14	0.14	0.14	0.13	0.12	0.12
100	0.08	0.09	0.09	0.09	0.09	0.09	0.08	0.08	0.08	0.09	0.09	0.09	0.21	0.21	0.20	0.19	0.18	0.18	0.17
105	0.12	0.12	0.13	0.13	0.13	0.12	0.12	0.12	0.12	0.13	0.13	0.13	0.29	0.28	0.27	0.27	0.25	0.25	0.24
110	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.38	0.37	0.36	0.35	0.34	0.33	0.33
115	0.22	0.22	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.47	0.46	0.45	0.44	0.43	0.43	0.42
120	0.28	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.56	0.55	0.54	0.53	0.52	0.52	0.51
125	0.34	0.35	0.35	0.35	0.36	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.65	0.64	0.63	0.62	0.61	0.61	0.60
130	0.41	0.41	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.73	0.72	0.71	0.70	0.69	0.69	0.69
135	0.48	0.48	0.48	0.49	0.49	0.49	0.49	0.49	0.48	0.49	0.49	0.48	0.80	0.79	0.78	0.78	0.77	0.77	0.77
140	0.55	0.56	0.56	0.57	0.57	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.87	0.86	0.86	0.85	0.84	0.84	0.84
145	0.63	0.64	0.64	0.65	0.65	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.93	0.93	0.92	0.91	0.91	0.91	0.91
150	0.72	0.73	0.73	0.74	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	1.00	0.99	0.98	0.98	0.97	0.97	0.97
155	0.82	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	1.05	1.05	1.04	1.03	1.03	1.03	1.03
160	0.93	0.93	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.93	1.11	1.10	1.10	1.09	1.09	1.09	1.09
165	1.03	1.04	1.04	1.04	1.04	1.04	1.04	1.05	1.05	1.05	1.04	1.04	1.17	1.16	1.16	1.15	1.15	1.14	1.14
170	1.12	1.12	1.13	1.13	1.13	1.14	1.14	1.14	1.13	1.13	1.13	1.12	1.21	1.20	1.20	1.20	1.20	1.20	1.20
175	1.15	1.16	1.16	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.16	1.16	1.21	1.20	1.20	1.21	1.20	1.20	1.20
180	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.18	1.18	1.19	1.19	1.19	1.20	1.20	1.20	1.20

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25DEG  
 Operators:Qin Meng  
 Test Date:2022-07-27

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.287  
 Humidity:65.0%  
 Test Distance:8.540m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.1V I:0.9050A P:198.3W PF:0.9950 Lamp Flux:24815.4x1 lm		
NAME: LED Explosion Proof Light	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:280*190mm	PROTECTION ANGLE:

Table--2

UNIT: x10cd

C( DEG) γ (DEG)	285	300	315	330	345															
0	1221	1219	1218	1216	1215															
5	1217	1216	1215	1215	1216															
10	1215	1216	1216	1216	1216															
15	1209	1211	1211	1212	1213															
20	1198	1198	1198	1200	1200															
25	1169	1167	1166	1168	1170															
30	1105	1105	1101	1104	1105															
35	993	995	991	995	994															
40	829	832	826	834	833															
45	616	641	635	644	642															
50	438	445	463	469	457															
55	290	309	311	315	310															
60	187	193	194	208	196															
65	109	115	114	122	117															
70	55.6	61.7	62.7	67.1	62.9															
75	25.7	30.3	30.4	33.1	32.2															
80	8.69	10.5	10.6	12.6	12.7															
85	3.77	3.77	3.69	3.84	3.70															
90	0.10	0.10	0.10	0.10	0.11															
95	0.12	0.12	0.13	0.13	0.13															
100	0.17	0.18	0.19	0.19	0.19															
105	0.25	0.25	0.26	0.26	0.27															
110	0.33	0.33	0.34	0.34	0.35															
115	0.42	0.43	0.43	0.43	0.44															
120	0.52	0.52	0.52	0.53	0.53															
125	0.61	0.61	0.61	0.61	0.62															
130	0.69	0.69	0.69	0.69	0.70															
135	0.77	0.77	0.77	0.77	0.77															
140	0.84	0.84	0.85	0.84	0.84															
145	0.91	0.91	0.91	0.91	0.91															
150	0.97	0.97	0.97	0.97	0.98															
155	1.03	1.03	1.03	1.03	1.03															
160	1.09	1.09	1.09	1.09	1.09															
165	1.14	1.14	1.14	1.14	1.14															
170	1.19	1.19	1.19	1.19	1.19															
175	1.20	1.20	1.20	1.19	1.20															
180	1.20	1.20	1.19	1.19	1.19															

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25DEG  
 Operators:Qin Meng  
 Test Date:2022-07-27

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.287  
 Humidity:65.0%  
 Test Distance:8.540m [K=1.0000]  
 Remarks: