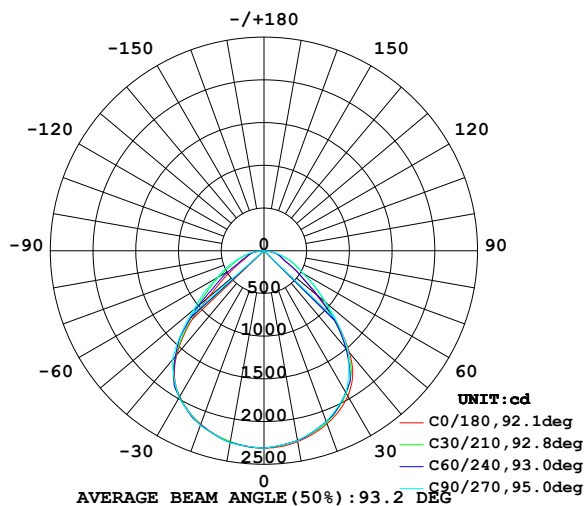


LUMINAIRE PHOTOMETRIC TEST REPORT

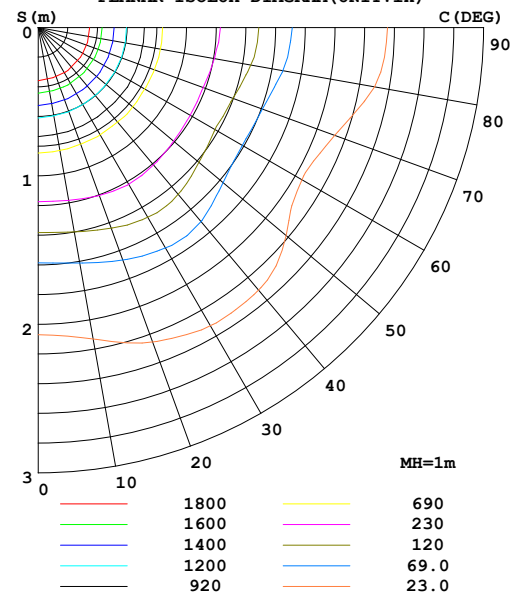
Test:U:231.0V I:0.1121A P:25.13W PF:0.9701 Lamp Flux:5121.23x1 lm		
NAME: LED Back-lit Panel Light	TYPE:	WEIGHT:
DIM.: 600X600	SPEC.:25W	SERIAL No.:
MFR.: Blis & Tsong & Sharplumi	SUR.:0.555*0.555	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 203.79 lm/W			
MODEL	UFSC-FT918+	I _{max} (cd)	2311	S/MH (C0/180)	1.26
NOMINAL POWER (W)	26	LOR (%)	100.0	S/MH (C90/270)	1.23
RATED VOLTAGE (V)	232	TOTAL FLUX (lm)	5121.2	η UP, DN (C0-180)	0.0, 48.6
NOMINAL FLUX (lm)	5121.23	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 51.4
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	231.1	η down (%)	100.0	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



PLANAR ISOLUX DIAGRAM (UNIT: lx)



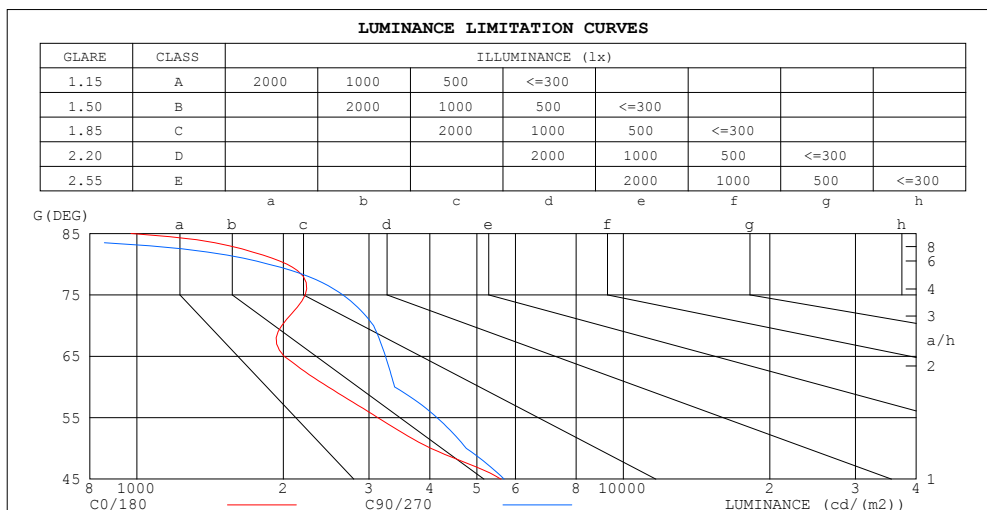
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25DEG
Operators: 01
Test Date: 2025-3-22

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-2000H_V1 SYSTEM V2.0.275
Humidity: 45%
Test Distance: 11.200m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM
AND LUMINANCE LIMITATION CURVES

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum
5	2300	2286	2285	2288	2302	2297	2297	2295	0- 5	54.98	54.98	1.07
10	2268	2253	2258	2255	2273	2272	2282	2270	5- 10	163.0	218.0	4.26
15	2220	2206	2194	2208	2225	2233	2230	2230	10- 15	265.8	483.7	9.45
20	2156	2128	2131	2132	2161	2164	2177	2161	15- 20	359.6	843.4	16.5
25	2073	2042	2026	2048	2079	2088	2082	2082	20- 25	441.9	1285	25.1
30	1963	1919	1922	1927	1973	1979	1988	1972	25- 30	508.3	1794	35
35	1807	1753	1729	1761	1824	1835	1830	1827	30- 35	553.1	2347	45.8
40	1554	1525	1536	1540	1588	1644	1672	1627	35- 40	563.2	2910	56.8
45	1220	1179	1239	1200	1262	1320	1372	1292	40- 45	523.8	3434	67
50	796.7	886.7	941.8	900.2	853.4	1011	1072	979.5	45- 50	438.7	3872	75.6
55	552.8	657.9	731.7	664.5	588.0	753.8	853.3	722.3	50- 55	346.5	4219	82.4
60	380.8	476.9	521.5	481.7	405.0	546.1	634.8	518.7	55- 60	268.3	4487	87.6
65	261.3	374.0	422.3	374.8	277.7	421.8	500.1	405.4	60- 65	204.7	4692	91.6
70	209.1	286.9	323.0	292.9	214.9	324.7	365.3	315.2	65- 70	162.0	4854	94.8
75	176.9	210.4	211.3	226.4	193.4	246.9	268.8	236.2	70- 75	127.5	4981	97.3
80	108.9	116.5	99.63	134.1	134.6	158.0	172.3	145.8	75- 80	91.54	5073	99.1
85	26.11	25.07	0	32.59	54.39	43.26	0	37.87	80- 85	44.82	5118	99.9
90	0.8908	0	0	0	8.184	0	0	0	85- 90	3.495	5121	100
95									90- 95			
100									95-100			
105									100-105			
110									105-110			
115									110-115			
120									115-120			
125									120-125			
130									125-130			
135									130-135			
140									135-140			
145									140-145			
150									145-150			
155									150-155			
160									155-160			
165									160-165			
170									165-170			
175									170-175			
180									175-180			
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	973	0
80	2036	1863
75	2219	2651
70	1985	3066
65	2007	3244
60	2473	3386
55	3129	4141
50	4024	4757
45	5602	5687

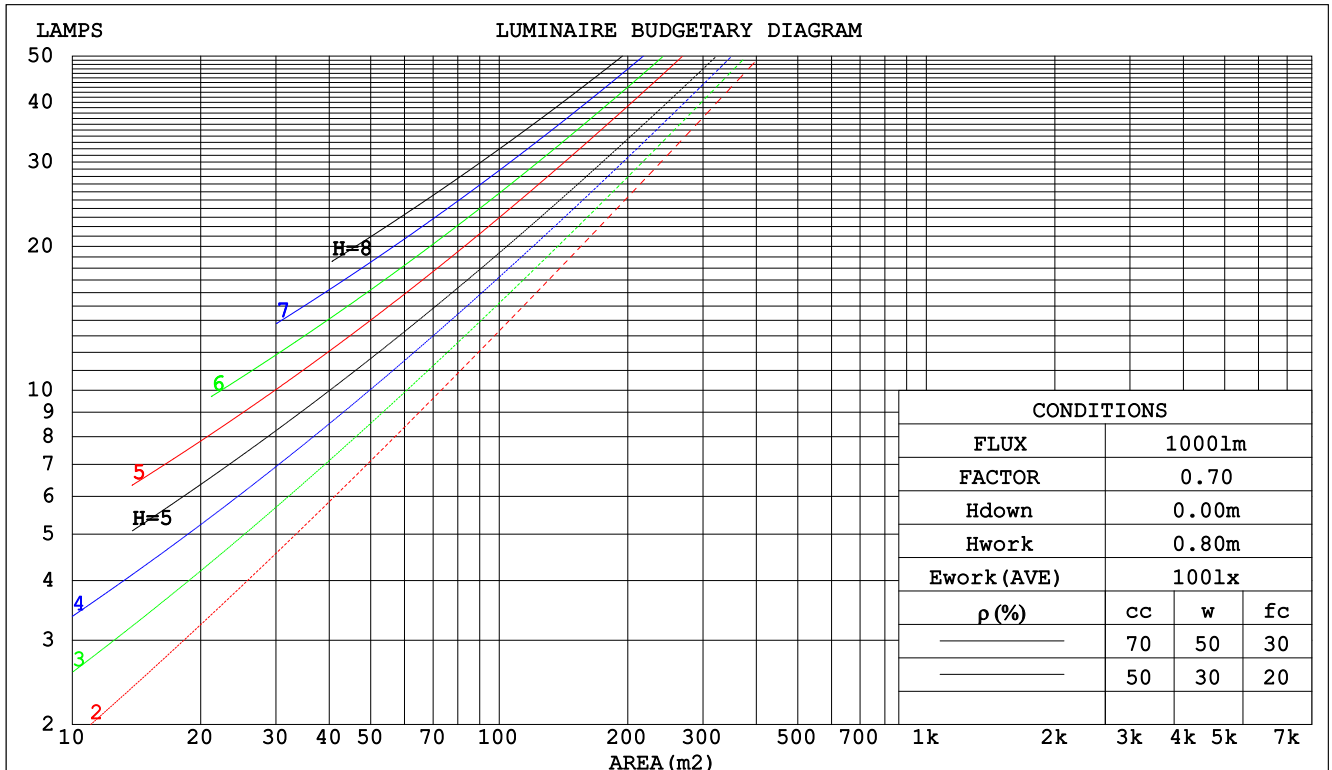
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25DEG
Operators: 01
Test Date: 2025-3-22

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-2000H_V1 SYSTEM V2.0.275
Humidity: 45%
Test Distance: 11.200m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:231.0V I:0.1121A P:25.13W PF:0.9701 Lamp Flux:5121.23x1 lm		
NAME: LED Back-lit Panel Light	TYPE:	WEIGHT:
DIM.: 600X600	SPEC.:25W	SERIAL No.:
MFR.: Blis & Tsong & Sharplumi	SUR.:0.555*0.555	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			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	1.06	1.02	.99	1.04	1.01	.98	.90	.97	.94	.96	.94	.92	.92	.91	.89	.87
2.0	.94	.88	.83	.93	.87	.82	.89	.84	.80	.86	.82	.79	.83	.80	.77	.75
3.0	.84	.77	.71	.83	.76	.71	.80	.74	.69	.77	.72	.68	.75	.71	.67	.65
4.0	.76	.68	.62	.74	.67	.61	.72	.66	.61	.70	.64	.60	.68	.63	.59	.57
5.0	.68	.60	.54	.67	.60	.54	.65	.59	.53	.63	.57	.53	.62	.56	.52	.50
6.0	.62	.54	.48	.61	.53	.48	.59	.53	.47	.58	.52	.47	.56	.51	.47	.45
7.0	.57	.49	.43	.56	.48	.43	.54	.48	.42	.53	.47	.42	.52	.46	.42	.40
8.0	.52	.44	.39	.51	.44	.39	.50	.43	.38	.49	.43	.38	.48	.42	.38	.36
9.0	.48	.40	.35	.47	.40	.35	.46	.40	.35	.45	.39	.35	.44	.39	.34	.33
10.0	.44	.37	.32	.44	.37	.32	.43	.36	.32	.42	.36	.32	.41	.36	.32	.30



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:01
Test Date:2025-3-22

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.275
Humidity:45%
Test Distance:11.200m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:231.0V I:0.1121A P:25.13W PF:0.9701 Lamp Flux:5121.23x1 lm					
NAME: LED Back-lit Panel Light			TYPE:		WEIGHT:
DIM.: 600X600			SPEC.:25W		SERIAL No.:
MFR.: Blis & Tsong & Sharplumi			SUR.:0.555*0.555		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	.266	.151	.048	.259	.148	.047	.246	.141	.045	.234	.135	.043	.223	.129	.042	
2.0	.254	.139	.043	.248	.137	.042	.237	.132	.041	.226	.127	.040	.216	.122	.039	
3.0	.238	.127	.038	.233	.125	.038	.223	.121	.037	.214	.117	.036	.205	.114	.035	
4.0	.223	.116	.034	.218	.114	.034	.210	.111	.033	.201	.108	.033	.194	.105	.032	
5.0	.209	.106	.031	.204	.105	.031	.197	.102	.030	.189	.100	.030	.183	.098	.029	
6.0	.195	.098	.028	.192	.097	.028	.185	.095	.028	.178	.093	.027	.172	.091	.027	
7.0	.183	.091	.026	.180	.090	.026	.174	.088	.025	.168	.086	.025	.163	.085	.025	
8.0	.173	.084	.024	.170	.084	.024	.164	.082	.023	.159	.081	.023	.154	.079	.023	
9.0	.163	.079	.022	.160	.078	.022	.155	.077	.022	.151	.075	.022	.146	.074	.021	
10.0	.154	.074	.021	.152	.073	.020	.147	.072	.020	.143	.071	.020	.139	.070	.020	

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	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.177	.157	.138	.152	.134	.119	.104	.092	.082	.060	.053	.048	.019	.017	.015	
2.0	.167	.132	.103	.143	.114	.089	.098	.079	.062	.057	.046	.036	.018	.015	.012	
3.0	.158	.114	.079	.136	.098	.068	.093	.068	.048	.054	.040	.028	.017	.013	.009	
4.0	.150	.100	.062	.129	.087	.054	.089	.060	.038	.051	.035	.023	.017	.012	.007	
5.0	.143	.090	.050	.123	.078	.044	.085	.054	.031	.049	.032	.018	.016	.010	.006	
6.0	.136	.081	.042	.117	.070	.036	.081	.049	.026	.047	.029	.015	.015	.009	.005	
7.0	.130	.074	.035	.111	.064	.031	.077	.045	.022	.045	.027	.013	.014	.009	.004	
8.0	.124	.068	.030	.106	.059	.026	.074	.042	.019	.043	.025	.011	.014	.008	.004	
9.0	.118	.063	.027	.102	.055	.023	.070	.039	.016	.041	.023	.010	.013	.007	.003	
10.0	.113	.059	.023	.097	.051	.020	.067	.036	.015	.039	.021	.009	.013	.007	.003	

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:01
Test Date:2025-3-22

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.275
Humidity:45%
Test Distance:11.200m [K=1.0000]
Remarks:

Uncorrected UGR Table

Test:U:231.0V I:0.1121A P:25.13W PF:0.9701 Lamp Flux:5121.23x1 lm											
NAME: LED Back-lit Panel Light						TYPE:		WEIGHT:			
DIM.: 600X600						SPEC.:25W		SERIAL No.:			
MFR.: Blis & Tsong & Sharplumi						SUR.:0.555*0.555		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	16.6	18.0	16.9	18.2	18.4	16.5	17.9	16.8	18.1	18.3	
	3H	17.3	18.6	17.6	18.8	19.0	17.5	18.8	17.8	19.0	19.3
	4H	17.7	18.9	18.0	19.1	19.4	18.0	19.2	18.3	19.5	19.7
	6H	18.0	19.1	18.3	19.4	19.6	18.3	19.4	18.6	19.7	20.0
	8H	18.0	19.1	18.4	19.4	19.7	18.3	19.4	18.7	19.7	20.0
	12H	18.0	19.1	18.4	19.4	19.7	18.3	19.3	18.6	19.6	19.9
4H	2H	16.9	18.1	17.2	18.4	18.6	16.8	18.0	17.1	18.3	18.5
	3H	17.9	19.0	18.3	19.3	19.6	17.9	19.0	18.3	19.2	19.5
	4H	18.5	19.4	18.9	19.7	20.1	18.5	19.4	18.9	19.7	20.1
	6H	18.9	19.8	19.3	20.1	20.5	18.9	19.7	19.3	20.1	20.4
	8H	19.0	19.8	19.4	20.2	20.5	19.0	19.8	19.4	20.1	20.5
	12H	19.0	19.8	19.5	20.1	20.5	19.0	19.7	19.4	20.1	20.5
8H	4H	18.7	19.4	19.1	19.8	20.2	18.7	19.5	19.1	19.8	20.2
	6H	19.2	19.9	19.7	20.3	20.7	19.2	19.8	19.6	20.2	20.7
	8H	19.4	20.0	19.9	20.4	20.8	19.3	19.9	19.8	20.3	20.8
	12H	19.5	20.0	19.9	20.4	20.9	19.3	19.8	19.8	20.2	20.7
12H	4H	18.7	19.4	19.1	19.8	20.2	18.7	19.4	19.1	19.8	20.2
	6H	19.3	19.8	19.7	20.3	20.7	19.2	19.8	19.7	20.2	20.7
	8H	19.5	19.9	19.9	20.4	20.9	19.4	19.9	19.8	20.3	20.8
Variations with the observer position at spacings:											
S = 1.0H	+ 0.4 / - 0.5					+ 0.4 / - 0.5					
1.5H	+ 0.2 / - 0.7					+ 0.4 / - 0.6					
2.0H	+ 0.9 / - 1.3					+ 1.3 / - 1.5					

CIE Pub.117 Corrected 5121 lm Total Lamp Luminous Flux.(8log(F/F0) = 5.7)

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:01
Test Date:2025-3-22

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.275
Humidity:45%
Test Distance:11.200m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:231.0V I:0.1121A P:25.13W PF:0.9701 Lamp Flux:5121.23x1 lm		
NAME: LED Back-lit Panel Light	TYPE:	WEIGHT:
DIM.: 600X600	SPEC.:25W	SERIAL No.:
MFR.: Blis & Tsong & Sharplumi	SUR.:0.555*0.555	PROTECTION ANGLE:

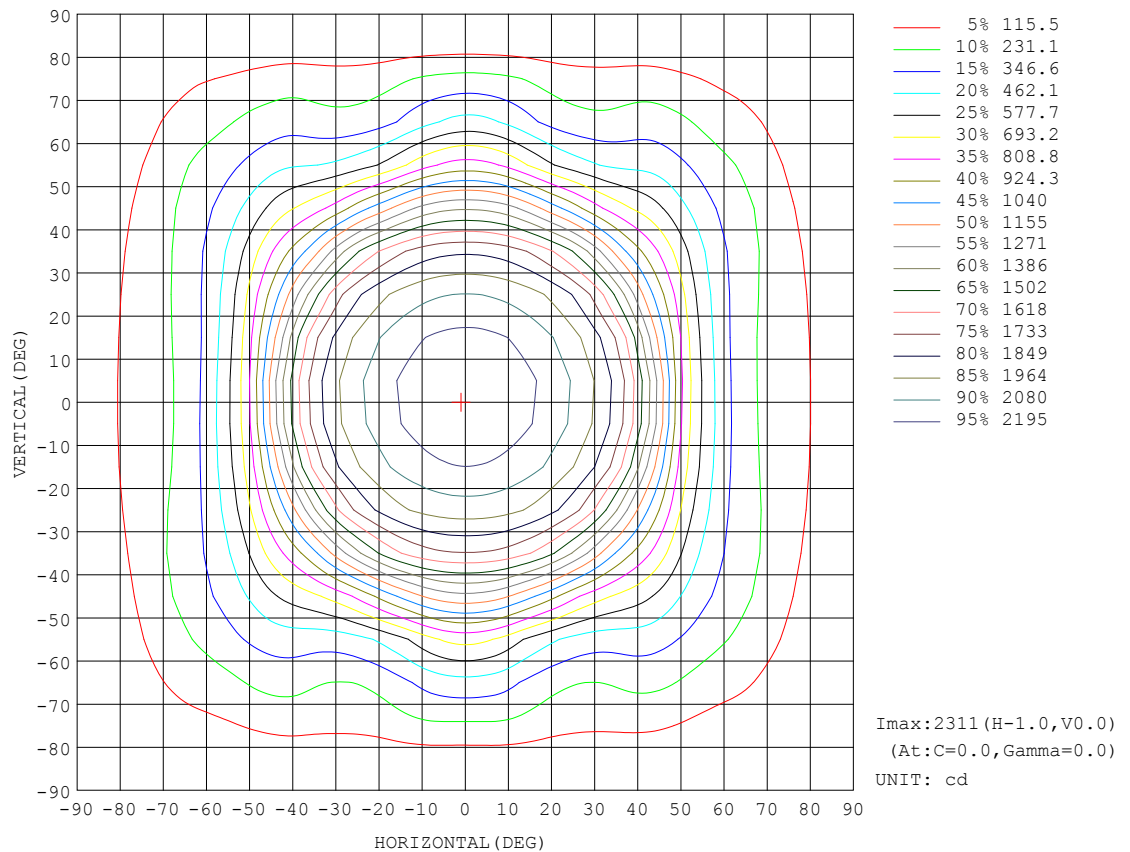
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	65	54	48	64	54	48	63	54	48	42
0.80	75	64	58	74	64	58	72	63	57	51
1.00	82	73	67	81	72	66	79	73	66	60
1.25	89	80	74	88	79	74	85	78	73	66
1.50	93	85	79	92	84	79	89	83	78	71
2.00	99	92	87	98	91	86	94	89	84	77
2.50	102	96	91	101	95	90	97	92	88	81
3.00	105	99	95	103	98	94	99	95	92	84
4.00	109	104	100	106	102	98	102	99	96	87
5.00	111	106	103	108	105	101	104	101	98	90
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:01
Test Date:2025-3-22

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.275
Humidity:45%
Test Distance:11.200m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:231.0V I:0.1121A P:25.13W PF:0.9701 Lamp Flux:5121.23x1 lm		
NAME: LED Back-lit Panel Light	TYPE:	WEIGHT:
DIM.: 600X600	SPEC.:25W	SERIAL No.:
MFR.: Blis & Tsong & Sharplumi	SUR.:0.555*0.555	PROTECTION ANGLE:

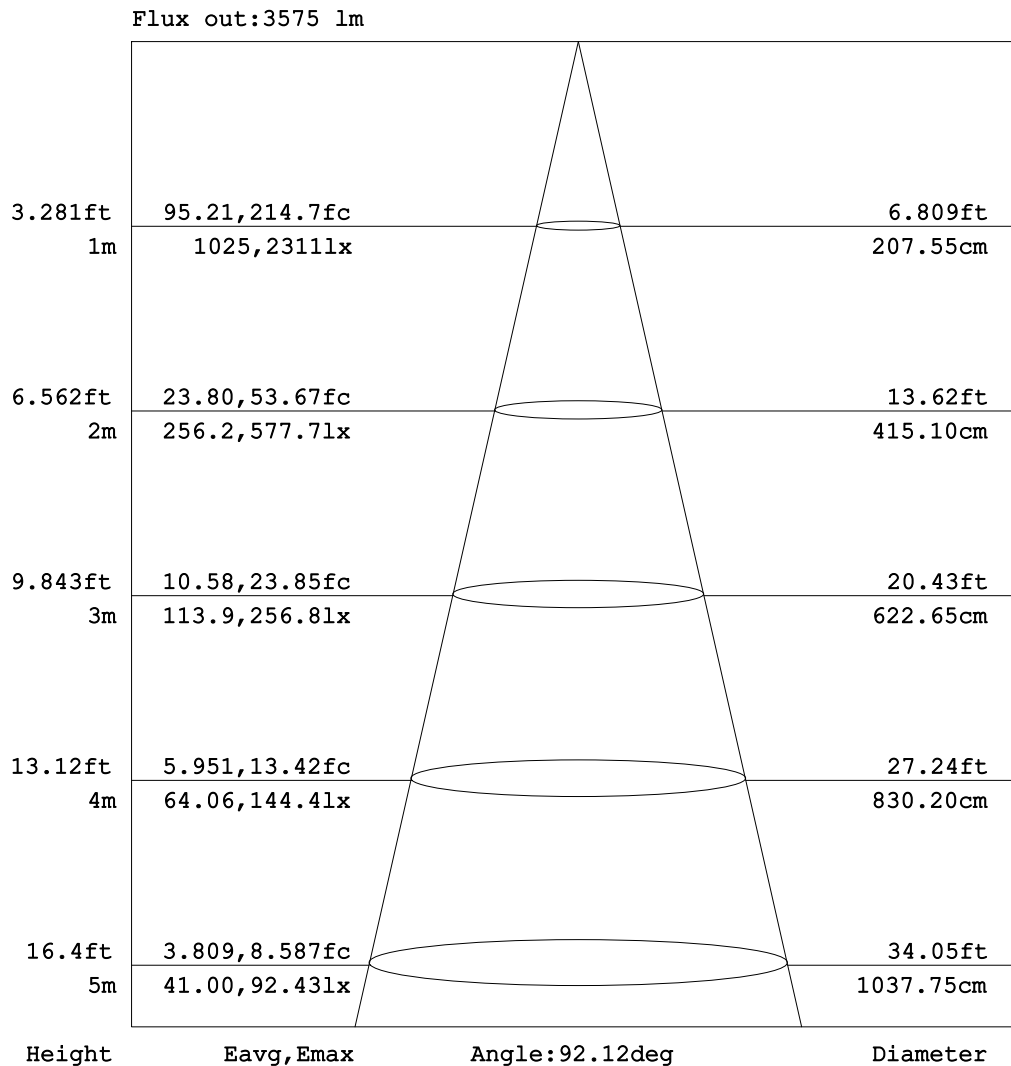


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:01
Test Date:2025-3-22

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.275
Humidity:45%
Test Distance:11.200m [K=1.0000]
Remarks:

AAI Figure

Test:U:231.0V I:0.1121A P:25.13W PF:0.9701 Lamp Flux:5121.23x1 lm		
NAME: LED Back-lit Panel Light	TYPE:	WEIGHT:
DIM.: 600X600	SPEC.:25W	SERIAL No.:
MFR.: Blis & Tsong & Sharplumi	SUR.:0.555*0.555	PROTECTION ANGLE:



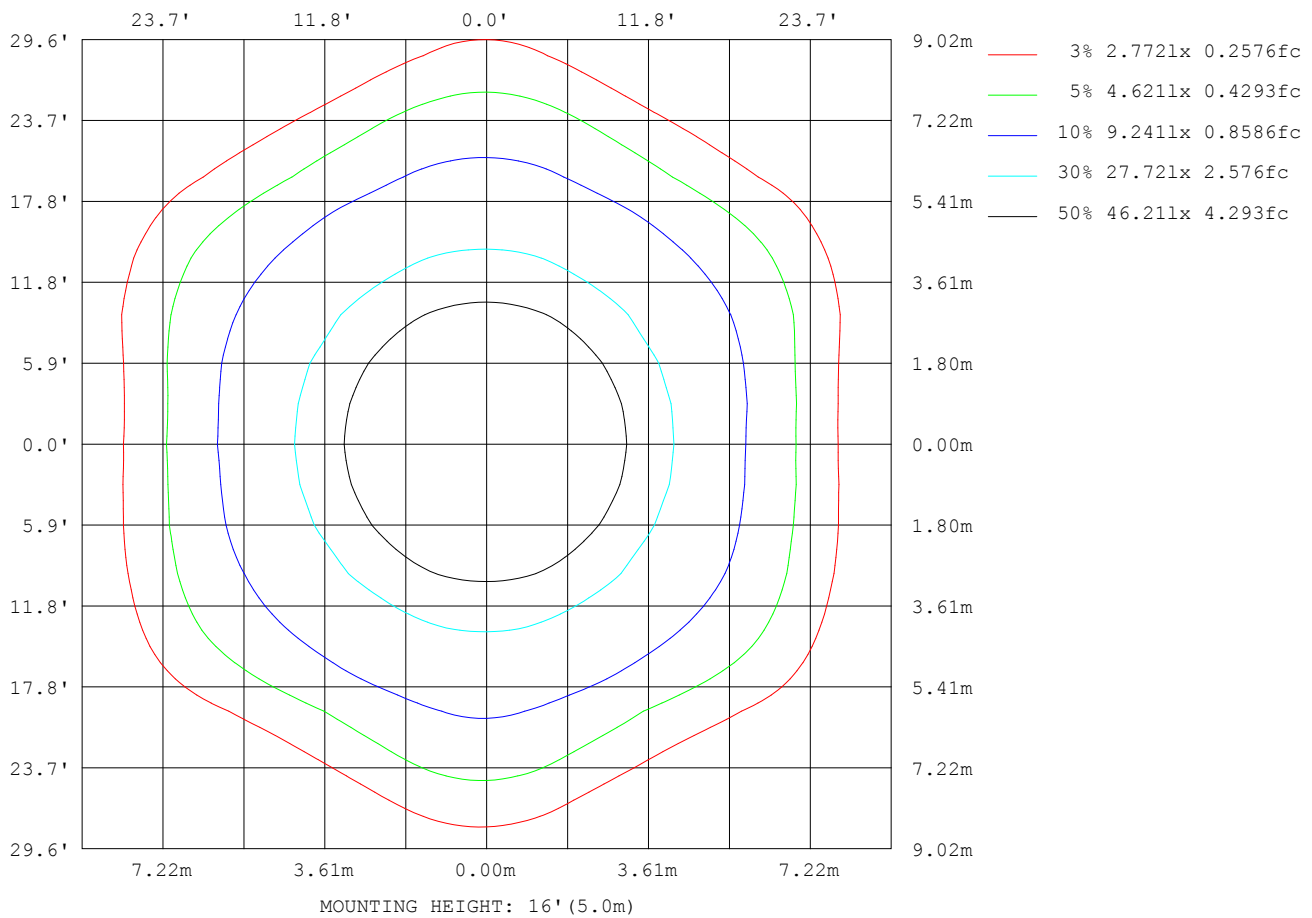
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:01
Test Date:2025-3-22

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.275
Humidity:45%
Test Distance:11.200m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

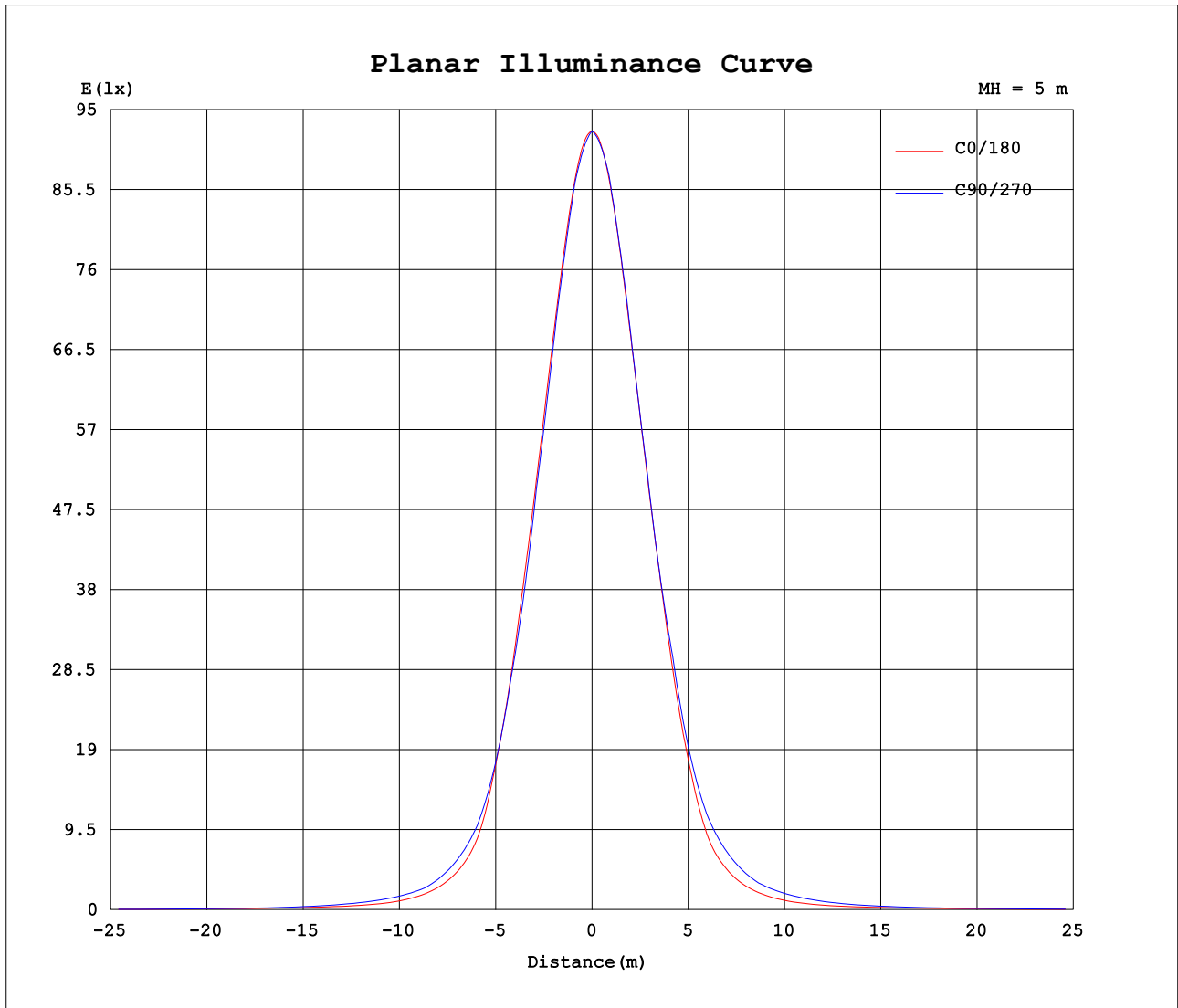
Test:U:231.0V I:0.1121A P:25.13W PF:0.9701 Lamp Flux:5121.23x1 lm		
NAME: LED Back-lit Panel Light	TYPE:	WEIGHT:
DIM.: 600X600	SPEC.:25W	SERIAL No.:
MFR.: Blis & Tsong & Sharplumi	SUR.:0.555*0.555	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:01
Test Date:2025-3-22

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.275
Humidity:45%
Test Distance:11.200m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25DEG
Operators: 01
Test Date: 2025-3-22

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-2000H_V1 SYSTEM V2.0.275
Humidity: 45%
Test Distance: 11.200m [K=1.0000]
Remarks:

C:\Documents and Settings\Administrator\桌面\罗佐宇\LED Back-lit Panel Light 600x600-25W UGR.GOS

Photometric Data Table [cd]

G/C	0.0	5.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0
0.0	2311	2311	2311	2311	2311	2311	2311	2311	2311	2311
2.5	2308	2306	2305	2304	2303	2302	2302	2301	2300	2299
5.0	2300	2298	2295	2294	2292	2290	2289	2288	2287	2286
7.5	2287	2284	2281	2278	2276	2274	2273	2272	2271	2271
10.0	2268	2264	2261	2258	2256	2255	2254	2253	2253	2253
12.5	2245	2241	2237	2234	2232	2231	2231	2231	2232	2233
15.0	2220	2214	2209	2206	2204	2204	2205	2206	2209	2206
17.5	2190	2183	2179	2176	2174	2174	2176	2177	2172	2168
20.0	2156	2148	2143	2140	2140	2141	2142	2136	2131	2128
22.5	2117	2108	2102	2100	2101	2104	2096	2090	2088	2087
25.0	2073	2063	2058	2056	2057	2052	2044	2041	2040	2042
27.5	2021	2011	2006	2005	2008	1996	1989	1986	1989	1992
30.0	1963	1951	1945	1946	1942	1931	1927	1928	1929	1919
32.5	1892	1879	1875	1877	1866	1857	1856	1861	1846	1840
35.0	1807	1792	1789	1794	1776	1771	1777	1760	1751	1753
37.5	1697	1681	1681	1680	1662	1665	1662	1638	1639	1655
40.0	1554	1538	1543	1532	1517	1529	1510	1493	1506	1525
42.5	1395	1377	1386	1363	1349	1355	1345	1334	1346	1349
45.0	1220	1194	1204	1190	1178	1185	1185	1176	1178	1179
47.5	998.9	987.9	1004	1017	1027	1040	1045	1039	1033	1024
50.0	796.7	801.1	826.1	856.5	891.1	917.3	927.8	921.6	908.4	886.7
52.5	660.6	667.5	688.2	718.6	760.1	802.5	819.7	817.1	799.3	766.6
55.0	552.8	560.0	581.4	610.0	646.7	691.0	715.3	720.7	699.0	657.9
57.5	460.6	468.8	489.4	519.6	551.0	589.2	617.2	627.7	607.1	558.6
60.0	380.8	390.4	412.3	444.0	476.5	503.8	531.0	542.6	522.4	476.9
62.5	315.2	324.1	347.2	381.1	413.5	437.5	460.5	467.6	452.1	424.6
65.0	261.3	272.1	296.8	331.1	362.6	384.5	403.6	405.8	399.0	374.0
67.5	228.1	236.7	259.2	293.2	323.7	340.0	355.4	353.0	347.7	324.0
70.0	209.1	217.3	234.8	261.9	285.3	301.0	299.9	299.9	298.9	286.9
72.5	195.4	202.0	214.0	234.9	249.1	252.0	246.3	247.9	254.0	249.4
75.0	176.9	180.7	187.2	200.5	210.4	203.9	197.1	199.0	207.8	210.4
77.5	147.6	149.2	154.1	164.5	163.9	160.5	153.0	151.8	160.9	164.3
80.0	108.9	109.2	111.9	117.6	118.6	119.3	111.0	108.9	114.6	116.5
82.5	66.11	63.27	65.41	70.93	74.44	75.36	69.13	68.15	69.90	68.92
85.0	26.11	23.58	25.96	29.93	34.10	28.73	26.93	29.59	28.31	25.07
87.5	1.450	9.602	10.70	10.20	5.164	2.633	0	0	0	0
90.0	0.8908	0	0	0	0	0	0	0	0	0

G/C	50.0	55.0	60.0	65.0	70.0	75.0	80.0	85.0	90.0	95.0
0.0	2311	2311	2311	2311	2311	2311	2311	2311	2311	2311
2.5	2299	2298	2298	2298	2298	2297	2297	2297	2298	2298
5.0	2286	2285	2285	2284	2284	2284	2284	2284	2285	2285
7.5	2270	2270	2270	2270	2270	2270	2270	2271	2271	2271
10.0	2253	2254	2254	2256	2256	2256	2257	2257	2258	2258
12.5	2235	2234	2231	2229	2228	2227	2226	2226	2227	2227
15.0	2203	2200	2198	2196	2195	2195	2194	2194	2194	2195
17.5	2166	2164	2162	2162	2163	2162	2162	2162	2163	2162
20.0	2127	2126	2127	2127	2129	2129	2130	2131	2131	2130
22.5	2087	2088	2090	2087	2084	2082	2080	2079	2078	2079
25.0	2045	2040	2035	2032	2030	2029	2027	2027	2026	2027
27.5	1984	1979	1976	1975	1975	1975	1974	1974	1974	1974
30.0	1916	1915	1916	1917	1919	1921	1922	1922	1922	1922
32.5	1842	1847	1853	1858	1844	1837	1830	1827	1825	1827
35.0	1762	1775	1757	1742	1735	1734	1732	1729	1729	1730
37.5	1663	1638	1626	1622	1623	1629	1632	1632	1632	1634
40.0	1502	1488	1488	1496	1506	1521	1532	1535	1536	1537
42.5	1335	1329	1343	1364	1371	1376	1383	1385	1387	1388
45.0	1167	1164	1181	1188	1193	1205	1222	1232	1239	1236
47.5	1004	997.8	1005	1008	1013	1032	1060	1079	1090	1084
50.0	862.0	842.8	835.5	831.4	833.5	857.7	896.0	925.8	941.8	931.8
52.5	730.5	697.4	674.1	658.7	679.4	726.4	781.9	819.1	836.7	825.5
55.0	608.9	560.9	546.4	559.7	583.4	624.9	678.7	714.7	731.7	721.3
57.5	500.6	474.6	463.3	470.4	489.1	525.0	576.0	610.4	626.6	617.3
60.0	437.8	402.4	383.1	382.7	396.6	426.6	474.0	506.3	521.5	513.5
62.5	379.1	333.7	305.3	299.4	328.1	370.7	424.5	457.9	471.9	463.3
65.0	323.7	273.2	260.6	269.3	294.9	336.8	385.3	412.0	422.3	415.5
67.5	285.8	250.2	235.7	240.2	262.3	303.4	346.8	366.5	372.6	367.9
70.0	259.0	226.6	211.2	212.3	230.2	270.6	309.2	321.3	323.0	320.6
72.5	229.5	201.9	187.1	184.6	198.6	231.8	260.6	267.7	267.2	267.0
75.0	195.8	171.6	157.7	156.3	167.9	191.8	211.0	213.9	211.3	213.4
77.5	153.9	137.4	127.8	128.1	137.9	152.9	161.8	160.1	155.5	159.9
80.0	110.5	102.0	97.53	99.92	108.5	114.7	112.9	106.4	99.63	106.4
82.5	66.09	62.89	59.26	58.33	60.34	60.55	57.52	53.40	49.82	53.44
85.0	20.97	16.64	12.47	9.151	6.456	3.845	1.689	0.4015	0	0.4018

C Range: 0 - 360DEG

C Interval: 5.0DEG

Test Speed: HIGH

Temperature:25DEG

Operators:01

Test Date:2025-3-22

γ Range: 0 - 90DEG

γ Interval: 0.5DEG

Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.275

Humidity:45%

Test Distance:11.200m [K=1.0000]

Remarks:

Photometric Data Table [cd]

87.5	0	0	0	0	0	0	0	0	0	0
90.0	0	0	0	0	0	0	0	0	0	0
G/C	100.0	105.0	110.0	115.0	120.0	125.0	130.0	135.0	140.0	145.0
0.0	2311	2311	2311	2311	2311	2311	2311	2311	2311	2311
2.5	2298	2298	2298	2299	2299	2299	2300	2301	2301	2302
5.0	2285	2285	2285	2286	2286	2287	2287	2288	2289	2291
7.5	2272	2271	2271	2272	2272	2272	2272	2272	2273	2274
10.0	2258	2258	2257	2257	2255	2255	2255	2255	2255	2255
12.5	2227	2228	2229	2230	2233	2236	2236	2236	2235	2234
15.0	2195	2196	2196	2198	2199	2202	2205	2208	2210	2208
17.5	2163	2163	2163	2164	2165	2167	2167	2170	2174	2179
20.0	2131	2130	2130	2130	2130	2129	2131	2132	2135	2138
22.5	2081	2082	2085	2090	2092	2094	2093	2092	2092	2094
25.0	2028	2029	2031	2034	2040	2047	2052	2048	2046	2046
27.5	1975	1975	1977	1977	1982	1985	1991	2000	1997	1995
30.0	1922	1922	1921	1921	1920	1920	1922	1927	1939	1937
32.5	1831	1838	1847	1861	1855	1850	1848	1849	1856	1872
35.0	1734	1738	1741	1749	1761	1778	1768	1761	1762	1775
37.5	1636	1636	1633	1632	1635	1646	1670	1665	1655	1657
40.0	1538	1532	1522	1511	1502	1500	1514	1540	1528	1518
42.5	1389	1389	1389	1385	1361	1347	1350	1368	1375	1361
45.0	1229	1218	1208	1206	1200	1186	1184	1200	1205	1197
47.5	1067	1045	1026	1022	1020	1018	1020	1042	1052	1054
50.0	903.4	869.6	842.5	840.6	848.4	857.1	875.3	900.2	919.9	931.5
52.5	789.5	738.3	685.7	663.3	684.2	708.1	740.3	776.2	807.0	825.2
55.0	686.7	637.3	591.1	564.8	554.8	568.0	616.0	664.5	706.4	733.8
57.5	584.5	538.3	498.7	476.5	470.2	478.4	505.0	563.8	615.9	646.6
60.0	483.0	441.1	407.7	389.7	387.9	403.8	438.6	481.7	533.7	565.0
62.5	432.0	384.0	339.1	306.5	307.8	332.4	375.9	427.1	465.3	491.0
65.0	390.7	347.9	303.4	273.2	261.0	269.2	316.9	374.8	413.6	429.9
67.5	350.2	312.5	268.2	240.9	235.0	246.3	279.2	324.2	364.1	380.2
70.0	310.5	277.8	233.3	210.0	209.9	223.2	255.6	292.9	317.5	330.5
72.5	262.3	238.5	201.5	181.9	185.7	199.6	230.6	261.1	274.4	279.5
75.0	213.5	198.7	173.3	158.9	161.1	173.1	202.3	226.4	228.3	225.8
77.5	165.0	160.0	146.1	136.1	135.9	144.3	165.1	181.4	180.6	172.4
80.0	116.7	122.2	119.7	113.3	110.3	114.4	125.0	134.1	135.0	129.0
82.5	59.56	64.73	67.52	68.40	70.37	76.37	81.99	86.97	90.93	90.87
85.0	1.749	4.114	7.234	10.74	14.82	20.23	26.03	32.59	40.17	47.91
87.5	0	0	0	0	0	0	0	0	0	0
90.0	0	0	0	0	0	0	0	0	0	0
G/C	150.0	155.0	160.0	165.0	170.0	175.0	180.0	185.0	190.0	195.0
0.0	2311	2311	2311	2311	2311	2311	2311	2311	2311	2311
2.5	2303	2304	2305	2306	2307	2308	2309	2308	2308	2307
5.0	2292	2293	2294	2296	2298	2300	2302	2301	2300	2299
7.5	2275	2277	2279	2281	2284	2286	2290	2288	2287	2286
10.0	2256	2258	2259	2262	2265	2268	2273	2270	2269	2267
12.5	2234	2234	2235	2237	2241	2245	2250	2248	2246	2245
15.0	2207	2207	2208	2210	2214	2219	2225	2222	2220	2220
17.5	2179	2177	2177	2179	2183	2188	2195	2192	2190	2190
20.0	2144	2143	2142	2143	2147	2153	2161	2157	2155	2155
22.5	2099	2106	2103	2103	2107	2113	2123	2118	2116	2117
25.0	2049	2055	2059	2062	2068	2079	2079	2074	2072	2074
27.5	1994	2000	2010	2009	2011	2018	2030	2024	2023	2027
30.0	1934	1938	1947	1951	1952	1959	1973	1966	1966	1971
32.5	1867	1867	1874	1884	1883	1890	1905	1897	1899	1907
35.0	1791	1784	1787	1803	1800	1806	1824	1815	1818	1830
37.5	1681	1683	1680	1693	1696	1700	1719	1711	1718	1727
40.0	1533	1558	1544	1555	1565	1566	1588	1578	1590	1596
42.5	1371	1390	1387	1392	1409	1406	1431	1419	1433	1434
45.0	1208	1219	1220	1219	1232	1230	1262	1244	1260	1260
47.5	1059	1065	1059	1048	1037	1033	1061	1050	1069	1091
50.0	932.7	930.5	918.0	891.4	861.6	845.0	853.4	859.6	891.6	935.0
52.5	827.4	817.6	791.3	757.2	719.3	698.9	701.4	705.4	738.1	793.8
55.0	733.2	714.3	678.7	647.5	610.1	590.2	588.0	588.5	614.7	667.6
57.5	645.0	618.1	582.5	549.7	517.2	496.3	487.8	489.7	513.8	560.3
60.0	562.1	535.8	504.8	471.1	438.6	415.8	405.0	407.9	432.3	477.9
62.5	491.2	469.4	441.1	408.0	370.7	346.0	334.5	338.7	364.4	413.1
65.0	433.7	414.8	389.9	355.3	315.2	289.5	277.7	285.3	312.2	361.8
67.5	385.9	371.0	351.6	315.3	276.1	245.6	236.5	244.9	273.1	316.4
70.0	332.4	334.4	315.1	285.2	249.2	223.4	214.9	222.9	241.4	279.4
72.5	279.4	284.2	278.8	260.0	229.3	211.2	205.1	209.4	218.6	248.3
75.0	226.9	232.8	239.2	227.0	206.7	196.6	193.4	195.7	197.4	215.5
77.5	175.9	185.4	193.0	191.5	177.3	170.4	170.3	171.6	172.3	184.4

C Range: 0 - 360DEG

C Interval: 5.0DEG

Test Speed: HIGH

Temperature:25DEG

Operators:01

Test Date:2025-3-22

γ Range: 0 - 90DEG

γ Interval: 0.5DEG

Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.275

Humidity:45%

Test Distance:11.200m [K=1.0000]

Remarks:

Photometric Data Table [cd]

80.0	128.7	141.6	148.3	146.3	136.2	131.4	134.6	135.7	138.3	145.9
82.5	91.60	98.81	103.0	100.5	90.40	81.87	92.97	94.38	98.72	104.8
85.0	53.73	54.36	56.05	55.05	50.06	44.12	54.39	51.71	54.21	58.08
87.5	0	7.277	12.35	14.16	17.80	14.98	9.831	6.639	10.37	9.756
90.0	0	0	0	0	0	0	8.184	0	0	0
G/C	200.0	205.0	210.0	215.0	220.0	225.0	230.0	235.0	240.0	245.0
0.0	2311	2311	2311	2311	2311	2311	2311	2311	2311	2311
2.5	2307	2306	2306	2305	2305	2305	2305	2304	2304	2304
5.0	2299	2298	2298	2297	2297	2297	2296	2296	2296	2296
7.5	2285	2284	2284	2284	2285	2285	2286	2287	2287	2288
10.0	2267	2267	2267	2269	2270	2272	2273	2275	2277	2278
12.5	2246	2247	2249	2250	2252	2255	2259	2260	2258	2258
15.0	2220	2222	2225	2229	2233	2233	2231	2230	2229	2229
17.5	2191	2194	2199	2203	2201	2199	2199	2199	2200	2200
20.0	2158	2163	2167	2165	2164	2164	2165	2167	2169	2171
22.5	2122	2129	2125	2124	2125	2127	2130	2133	2137	2137
25.0	2080	2081	2078	2079	2082	2088	2093	2091	2088	2087
27.5	2034	2029	2028	2031	2037	2042	2039	2036	2035	2036
30.0	1973	1970	1972	1979	1985	1979	1977	1978	1981	1984
32.5	1905	1904	1910	1921	1911	1910	1912	1918	1924	1931
35.0	1824	1828	1841	1834	1831	1835	1844	1855	1841	1833
37.5	1728	1740	1744	1733	1738	1752	1759	1740	1730	1731
40.0	1605	1632	1611	1608	1630	1644	1625	1615	1614	1624
42.5	1453	1475	1455	1457	1491	1485	1480	1483	1493	1513
45.0	1280	1299	1295	1291	1316	1320	1324	1345	1347	1342
47.5	1115	1136	1145	1144	1155	1160	1162	1175	1168	1163
50.0	973.0	999.0	1017	1019	1018	1011	1001	1002	993.0	984.8
52.5	842.2	880.6	902.7	908.5	901.2	877.1	853.7	839.1	821.3	807.7
55.0	721.5	770.4	798.0	809.2	787.0	753.8	717.8	686.6	678.7	690.2
57.5	617.8	665.4	700.0	709.8	684.1	640.8	595.3	581.6	576.7	582.0
60.0	535.4	574.5	608.0	613.7	590.0	546.1	516.0	491.2	477.4	476.6
62.5	461.9	502.6	520.6	523.2	509.8	481.8	442.3	405.3	381.4	375.6
65.0	402.3	436.0	448.6	447.2	448.2	421.8	373.3	329.1	319.1	326.9
67.5	355.4	377.9	388.9	393.6	389.3	364.0	325.5	292.5	276.9	279.2
70.0	312.5	330.6	338.2	344.6	336.3	324.7	293.0	257.0	235.7	232.9
72.5	275.6	286.0	290.4	296.3	292.7	286.3	260.1	221.7	195.7	195.9
75.0	240.7	245.7	243.5	245.9	247.1	246.9	226.4	194.3	177.9	178.9
77.5	201.3	205.1	196.3	196.7	200.8	203.0	190.9	169.5	159.6	162.2
80.0	158.9	161.2	151.9	152.3	155.4	158.0	153.0	143.2	140.6	145.6
82.5	111.8	115.5	112.0	110.7	110.9	112.9	110.9	102.1	94.91	90.97
85.0	61.86	67.54	71.38	60.64	50.73	43.26	35.26	27.07	19.97	14.29
87.5	13.80	9.425	0	0	0	0	0	0	0	0
90.0	0	0	0	0	0	0	0	0	0	0
G/C	250.0	255.0	260.0	265.0	270.0	275.0	280.0	285.0	290.0	295.0
0.0	2311	2311	2311	2311	2311	2311	2311	2311	2311	2311
2.5	2304	2304	2304	2304	2304	2304	2303	2303	2303	2303
5.0	2297	2297	2297	2297	2297	2296	2296	2296	2296	2296
7.5	2288	2289	2290	2290	2290	2289	2289	2289	2288	2287
10.0	2279	2280	2282	2283	2282	2282	2282	2281	2279	2277
12.5	2257	2256	2256	2256	2256	2256	2256	2256	2256	2256
15.0	2230	2229	2229	2230	2230	2229	2229	2228	2227	2227
17.5	2201	2202	2203	2203	2203	2203	2202	2200	2198	2197
20.0	2173	2175	2176	2176	2177	2176	2174	2170	2169	2167
22.5	2134	2132	2131	2130	2129	2129	2129	2128	2129	2132
25.0	2086	2085	2083	2083	2082	2082	2082	2081	2081	2082
27.5	2037	2037	2036	2036	2035	2035	2034	2034	2033	2032
30.0	1987	1989	1989	1989	1988	1988	1987	1986	1983	1980
32.5	1922	1917	1913	1910	1909	1910	1911	1914	1918	1928
35.0	1831	1832	1832	1831	1830	1830	1828	1827	1825	1827
37.5	1737	1745	1750	1751	1751	1750	1745	1738	1728	1722
40.0	1639	1656	1666	1671	1672	1669	1661	1647	1628	1610
42.5	1519	1523	1524	1523	1522	1521	1519	1514	1505	1493
45.0	1349	1362	1370	1372	1372	1370	1365	1353	1336	1322
47.5	1177	1199	1214	1221	1222	1218	1210	1190	1164	1145
50.0	1003	1034	1058	1069	1072	1067	1054	1026	991.3	968.4
52.5	843.6	894.9	932.2	955.7	962.6	954.6	931.1	887.8	833.6	793.4
55.0	723.5	772.0	812.8	843.1	853.3	843.5	814.5	767.4	716.0	677.4
57.5	606.5	649.9	693.3	730.0	744.1	732.2	697.8	648.0	601.2	570.7
60.0	492.4	529.0	573.8	616.6	634.8	620.9	581.0	529.6	489.1	467.4
62.5	404.1	451.8	504.6	548.3	567.5	553.0	511.1	453.1	402.1	368.9
65.0	352.7	397.7	445.2	482.3	500.1	487.1	450.5	399.0	351.5	321.9
67.5	302.0	344.4	386.5	416.6	432.7	421.4	390.7	345.9	302.0	276.1
70.0	251.8	291.9	328.6	351.3	365.3	355.9	331.8	293.8	253.3	231.7

C Range: 0 - 360DEG

C Interval: 5.0DEG

Test Speed: HIGH

Temperature:25DEG

Operators:01

Test Date:2025-3-22

γ Range: 0 - 90DEG

γ Interval: 0.5DEG

Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.275

Humidity:45%

Test Distance:11.200m [K=1.0000]

Remarks:

Photometric Data Table [cd]

72.5	217.3	255.5	287.7	306.6	317.0	309.3	289.7	256.5	218.4	195.5
75.0	196.1	225.3	249.5	262.6	268.8	263.4	250.2	225.1	195.1	176.5
77.5	175.7	196.0	211.7	218.7	220.6	217.6	211.1	194.6	172.5	157.8
80.0	156.0	167.6	174.2	175.0	172.3	172.0	172.3	164.9	150.7	139.3
82.5	89.91	90.41	89.88	88.18	86.17	86.63	88.87	88.78	86.47	86.41
85.0	9.625	5.739	2.638	0.6629	0	0.6512	2.608	5.634	9.255	13.57
87.5	0	0	0	0	0	0	0	0	0	0
90.0	0	0	0	0	0	0	0	0	0	0
G/C	300.0	305.0	310.0	315.0	320.0	325.0	330.0	335.0	340.0	345.0
0.0	2311	2311	2311	2311	2311	2311	2311	2311	2311	2311
2.5	2303	2304	2304	2304	2304	2304	2305	2305	2305	2306
5.0	2296	2296	2295	2295	2295	2295	2295	2295	2296	2297
7.5	2286	2285	2284	2284	2283	2283	2282	2282	2282	2283
10.0	2276	2274	2272	2270	2268	2267	2266	2265	2264	2264
12.5	2257	2259	2258	2255	2251	2248	2245	2243	2242	2241
15.0	2227	2228	2229	2230	2231	2227	2223	2219	2217	2216
17.5	2197	2196	2195	2197	2198	2201	2197	2192	2188	2186
20.0	2165	2163	2161	2161	2161	2162	2165	2161	2155	2152
22.5	2133	2128	2125	2122	2120	2120	2122	2126	2119	2114
25.0	2083	2086	2087	2082	2077	2075	2075	2078	2078	2071
27.5	2031	2031	2033	2037	2031	2025	2023	2024	2031	2022
30.0	1977	1974	1972	1972	1977	1971	1964	1964	1969	1967
32.5	1921	1913	1907	1902	1902	1909	1900	1895	1897	1901
35.0	1836	1851	1838	1827	1819	1820	1826	1815	1813	1822
37.5	1720	1730	1751	1741	1722	1713	1723	1721	1711	1715
40.0	1598	1598	1609	1627	1608	1583	1586	1602	1580	1575
42.5	1469	1459	1456	1461	1462	1429	1427	1437	1412	1403
45.0	1320	1312	1294	1292	1284	1266	1265	1254	1230	1223
47.5	1143	1142	1130	1129	1124	1117	1115	1095	1071	1051
50.0	968.8	973.0	972.2	979.5	986.0	988.9	988.2	966.9	935.4	898.5
52.5	799.3	812.9	826.4	845.1	865.7	875.5	872.8	853.9	808.1	753.8
55.0	659.7	663.9	689.8	722.3	753.5	773.6	766.5	743.1	688.4	626.3
57.5	560.3	561.9	567.7	610.4	652.8	675.6	666.9	636.4	587.5	529.2
60.0	464.2	473.8	491.9	518.7	561.3	583.9	575.6	546.9	506.7	452.1
62.5	371.1	390.2	422.0	459.9	486.5	499.5	494.1	474.7	435.8	389.7
65.0	310.9	316.5	357.6	405.4	431.6	428.9	425.7	410.5	379.0	340.2
67.5	270.4	281.0	312.8	353.5	378.4	377.3	367.6	354.6	334.6	298.3
70.0	230.9	246.7	280.9	315.2	329.0	329.4	316.8	309.1	293.0	263.6
72.5	192.5	212.7	248.0	276.6	282.7	280.4	268.5	264.5	257.4	236.2
75.0	173.3	185.6	214.1	236.2	234.9	228.9	221.7	222.4	221.1	203.8
77.5	153.8	160.6	178.9	191.5	187.2	179.8	176.0	180.5	178.3	169.8
80.0	133.8	134.1	141.4	145.8	142.0	136.4	132.7	137.0	133.3	124.5
82.5	89.62	94.45	100.0	99.99	97.99	95.77	91.96	91.44	86.81	78.76
85.0	18.86	25.00	31.74	37.87	43.86	49.98	50.87	43.45	37.85	33.71
87.5	0	0	0	0	0	0	0	5.093	3.407	0
90.0	0	0	0	0	0	0	0	0	0	0
G/C	350.0	355.0								
0.0	2311	2311								
2.5	2306	2307								
5.0	2298	2299								
7.5	2284	2285								
10.0	2265	2266								
12.5	2242	2243								
15.0	2216	2217								
17.5	2185	2187								
20.0	2151	2152								
22.5	2112	2113								
25.0	2068	2068								
27.5	2018	2017								
30.0	1959	1958								
32.5	1891	1887								
35.0	1809	1802								
37.5	1705	1693								
40.0	1570	1551								
42.5	1410	1388								
45.0	1225	1205								
47.5	1034	1005								
50.0	862.6	818.8								
52.5	705.7	673.4								
55.0	586.6	560.6								
57.5	488.9	466.3								
60.0	409.9	386.6								
62.5	344.5	320.1								

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25DEG
 Operators: 01
 Test Date: 2025-3-22

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000H_V1 SYSTEM V2.0.275
 Humidity: 45%
 Test Distance: 11.200m [K=1.0000]
 Remarks:

Photometric Data Table [cd]

65.0	294.5	268.9
67.5	256.0	232.4
70.0	228.8	210.4
72.5	207.9	195.2
75.0	184.2	176.7
77.5	154.4	149.1
80.0	116.8	111.9
82.5	73.47	67.67
85.0	27.48	24.34
87.5	0.6905	0
90.0	0	0

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:01
Test Date:2025-3-22

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.275
Humidity:45%
Test Distance:11.200m [K=1.0000]
Remarks: