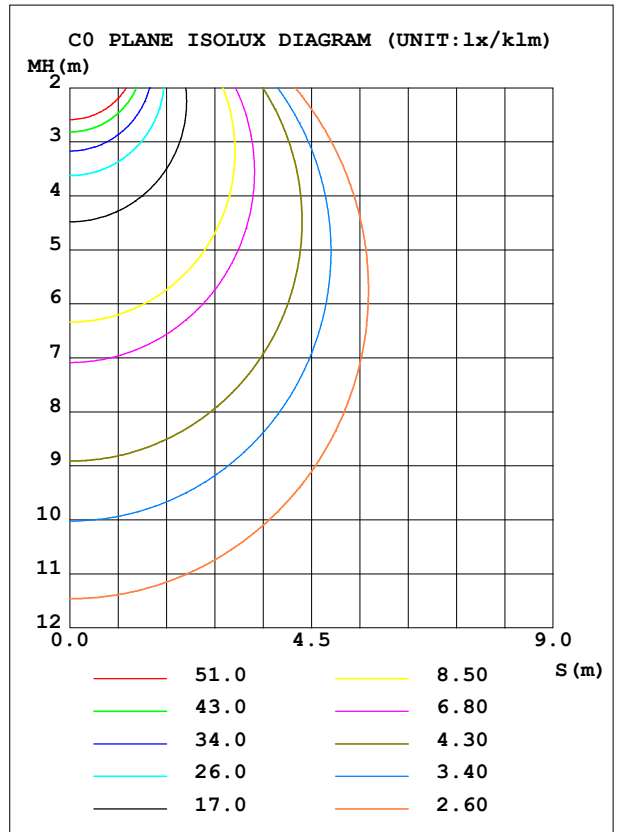
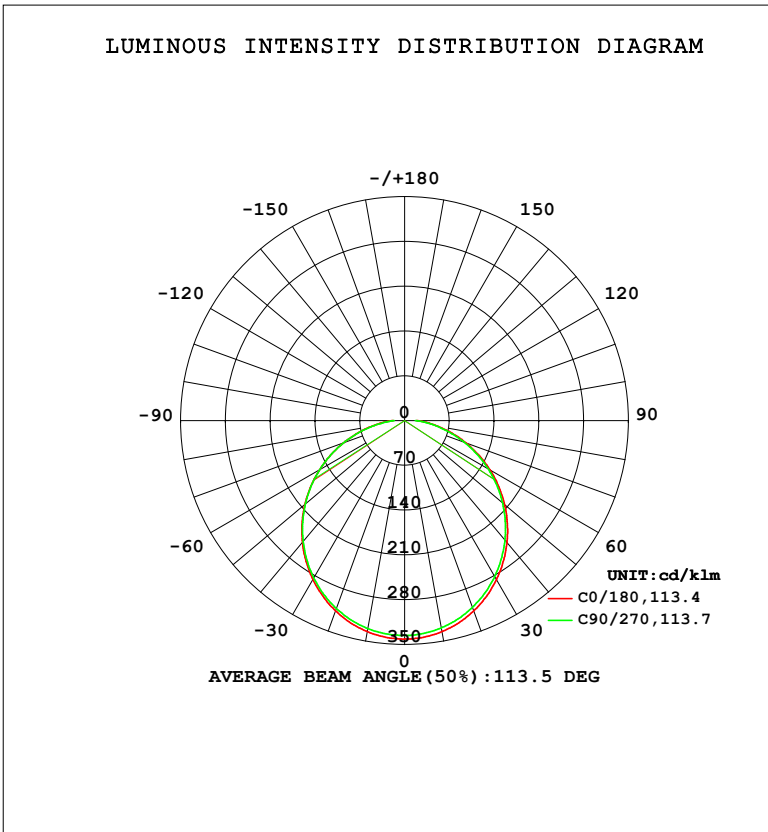


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.60V I:0.1365A P:14.802W PF:0.8990 Freq:59.98Hz Lamp Flux:767.099x1 lm		
NAME: CSC3025-LED-PIR-5CCT-WH	TYPE:	WEIGHT:
SPEC.: 2700K	DIM.:	SERIAL No.:
MFR.: LTS	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL: CSC3025-LED-PIR-5CCT-WH		Imax (cd/klm)	341.5	S/MH (C0/180)	1.25
NOMINAL POWER (W)	15	LOR (%)	100.0	S/MH (C90/270)	1.26
RATED VOLTAGE (V)	120.0	TOTAL FLUX (lm/klm)	1000.00	η UP, DN (C0-180)	0.0, 49.9
NOMINAL FLUX (lm)	767.099	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 50.1
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	120	η down (%)	100.0	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3 °C
 Operators:
 Test Date: 2024-03-14

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.479
 Humidity: 65.0%
 Test Distance: 10.000m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

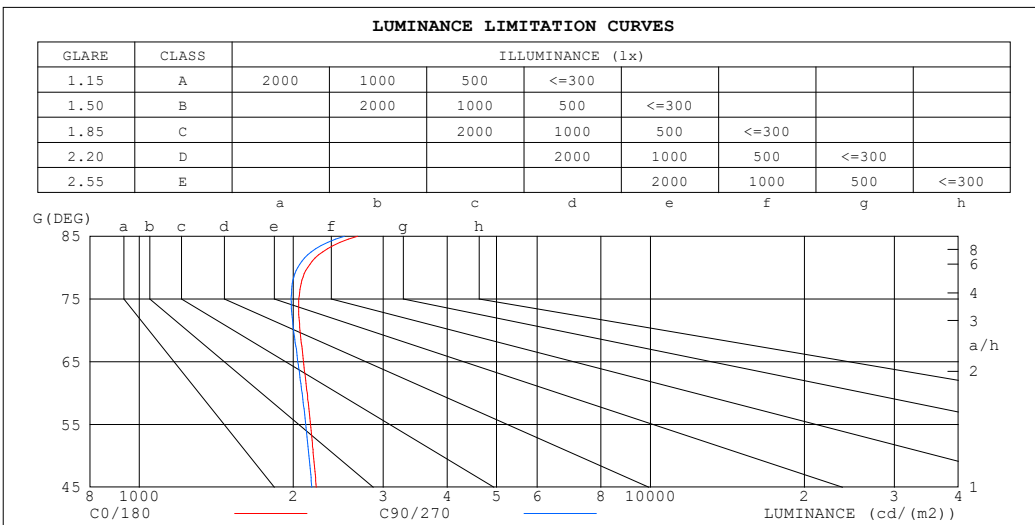
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	335.1	331.2	329.1	328.2	335.1	331.9	330.2	329.2	0- 10	31.87	31.87	3.19,3.19
20	316.5	312.7	310.6	309.5	316.3	313.9	312.5	311.5	10- 20	91.15	123.0	12.3,12.3
30	287.1	283.5	281.6	280.3	286.9	285.1	284.1	283.1	20- 30	137.9	260.9	26.1,26.1
40	249.0	246.0	244.1	242.8	248.6	247.4	246.8	245.8	30- 40	166.2	427.1	42.7,42.7
50	204.1	201.6	199.9	198.5	203.5	202.9	202.6	201.6	40- 50	173.2	600.3	60,60
60	154.2	152.3	150.8	149.5	153.5	153.4	153.3	152.7	50- 60	158.6	758.9	75.9,75.9
70	102.1	100.7	99.26	98.27	101.3	101.6	101.3	101.3	60- 70	125.2	884.1	88.4,88.4
80	53.67	52.79	51.35	50.94	52.73	53.27	50.85	52.02	70- 80	79.96	964.0	96.4,96.4
90	18.83	18.55	16.95	16.78	17.95	18.09	16.33	17.98	80- 90	35.97	1000.0	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/klm									UNIT:lm/klm		

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:
 Test Date:2024-03-14

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.479
 Humidity:65.0%
 Test Distance:10.000m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.60V I:0.1365A P:14.802W PF:0.8990 Freq:59.98Hz Lamp Flux:767.099x1 lm		
NAME: CSC3025-LED-PIR-5CCT-WH	TYPE:	WEIGHT:
SPEC.: 2700K	DIM.:	SERIAL No.:
MFR.: LTS	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	2673	2521
80	2134	2041
75	2051	1980
70	2061	2004
65	2094	2042
60	2130	2083
55	2163	2117
50	2192	2147
45	2219	2175

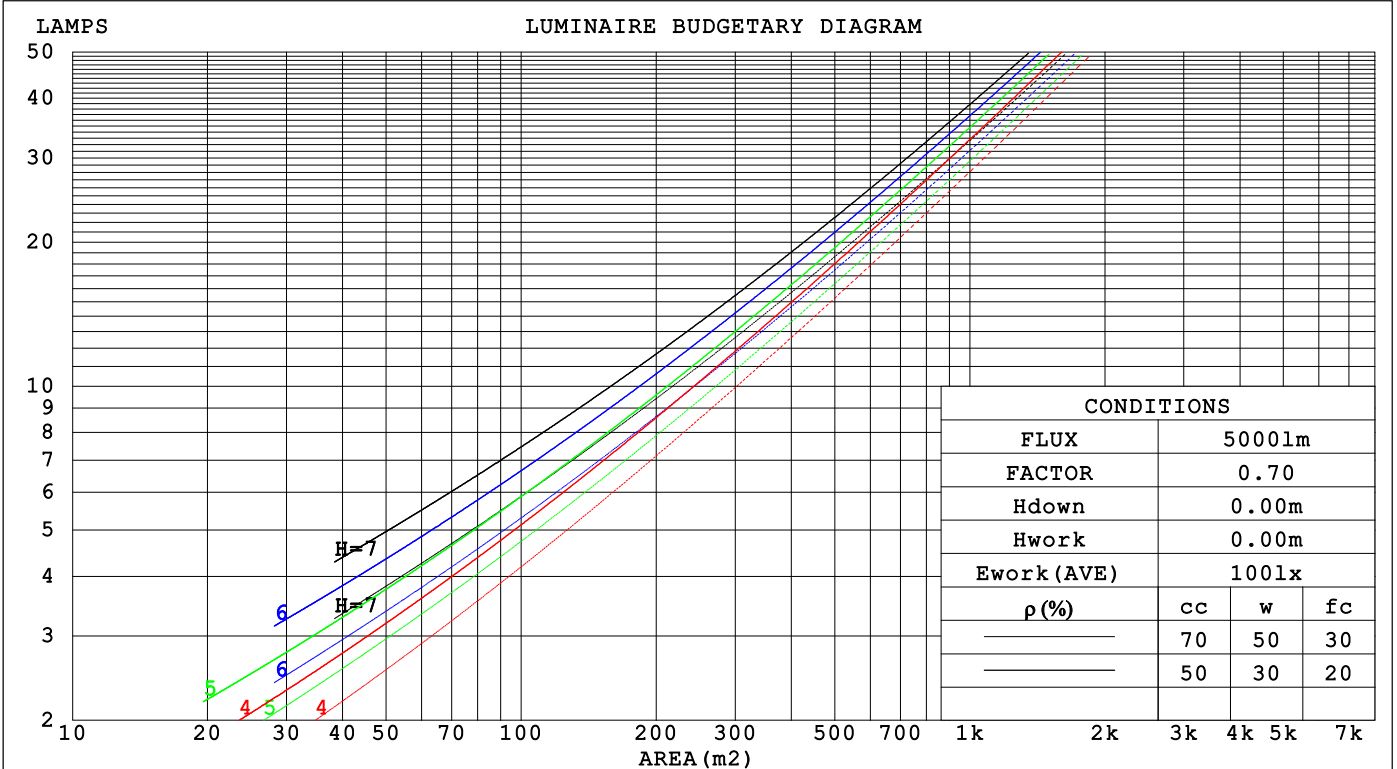
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:
 Test Date:2024-03-14

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.479
 Humidity:65.0%
 Test Distance:10.000m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.60V I:0.1365A P:14.802W PF:0.8990 Freq:59.98Hz Lamp Flux:767.099x1 lm		
NAME: CSC3025-LED-PIR-5CCT-WH	TYPE:	WEIGHT:
SPEC.: 2700K	DIM.:	SERIAL No.:
MFR.: LTS	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			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	1.03	.98	.94	1.00	.96	.92	.96	.93	.89	.92	.89	.87	.88	.86	.84	.82
2.0	.89	.82	.76	.87	.80	.75	.83	.78	.73	.80	.75	.71	.77	.73	.70	.68
3.0	.78	.69	.63	.76	.68	.62	.73	.67	.61	.70	.65	.60	.68	.63	.59	.57
4.0	.69	.60	.53	.68	.59	.52	.65	.58	.52	.63	.56	.51	.60	.55	.50	.48
5.0	.61	.52	.45	.60	.52	.45	.58	.50	.45	.56	.49	.44	.54	.48	.44	.41
6.0	.55	.46	.40	.54	.46	.39	.52	.45	.39	.51	.44	.39	.49	.43	.38	.36
7.0	.50	.41	.35	.49	.41	.35	.48	.40	.34	.46	.39	.34	.45	.39	.34	.32
8.0	.46	.37	.31	.45	.37	.31	.44	.36	.31	.42	.36	.31	.41	.35	.30	.28
9.0	.42	.34	.28	.41	.33	.28	.40	.33	.28	.39	.32	.28	.38	.32	.27	.26
10.0	.39	.31	.25	.38	.30	.25	.37	.30	.25	.36	.30	.25	.35	.29	.25	.23



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:
 Test Date:2024-03-14

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.479
 Humidity:65.0%
 Test Distance:10.000m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:120.60V I:0.1365A P:14.802W PF:0.8990 Freq:59.98Hz		
Lamp Flux:767.099x1 lm		
NAME: CSC3025-LED-PIR-5CCT-WH	TYPE:	WEIGHT:
SPEC.: 2700K	DIM.:	SERIAL No.:
MFR.: LTS	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						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.333	.189	.060	.326	.186	.059	.313	.179	.057	.300	.173	.056	.289	.167	.054	
2.0	.305	.167	.051	.299	.165	.051	.287	.160	.050	.276	.155	.049	.266	.151	.048	
3.0	.279	.149	.045	.274	.147	.044	.263	.143	.043	.254	.139	.043	.245	.135	.042	
4.0	.256	.133	.039	.251	.131	.039	.242	.128	.038	.233	.125	.038	.225	.122	.037	
5.0	.235	.120	.035	.231	.119	.035	.223	.116	.034	.215	.113	.034	.208	.111	.033	
6.0	.217	.109	.031	.214	.108	.031	.206	.106	.031	.199	.104	.030	.193	.102	.030	
7.0	.202	.100	.028	.198	.099	.028	.192	.097	.028	.186	.095	.028	.180	.094	.027	
8.0	.188	.092	.026	.185	.091	.026	.179	.090	.026	.174	.088	.025	.169	.087	.025	
9.0	.176	.085	.024	.173	.084	.024	.168	.083	.024	.163	.082	.023	.158	.080	.023	
10.0	.165	.079	.022	.163	.079	.022	.158	.077	.022	.154	.076	.022	.149	.075	.022	

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						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0																
1.0	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
2.0	.182	.156	.133	.156	.134	.114	.106	.092	.079	.061	.053	.046	.020	.017	.015	
3.0	.174	.132	.096	.149	.113	.083	.102	.079	.058	.059	.046	.034	.019	.015	.011	
4.0	.166	.114	.073	.143	.099	.063	.098	.069	.044	.057	.040	.026	.018	.013	.009	
5.0	.158	.101	.057	.136	.087	.050	.094	.061	.035	.054	.036	.021	.017	.012	.007	
6.0	.151	.091	.046	.130	.079	.040	.089	.055	.029	.052	.032	.017	.017	.011	.006	
7.0	.144	.082	.039	.123	.071	.034	.085	.050	.024	.049	.029	.014	.016	.010	.005	
8.0	.137	.076	.033	.117	.065	.029	.081	.046	.020	.047	.027	.012	.015	.009	.004	
9.0	.130	.070	.028	.112	.060	.025	.077	.042	.018	.045	.025	.010	.015	.008	.003	
10.0	.124	.065	.025	.107	.056	.022	.074	.040	.015	.043	.023	.009	.014	.008	.003	
10.0	.118	.060	.022	.102	.053	.019	.071	.037	.014	.041	.022	.008	.013	.007	.003	

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:
 Test Date:2024-03-14

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.479
 Humidity:65.0%
 Test Distance:10.000m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.60V I:0.1365A P:14.802W PF:0.8990 Freq:59.98Hz Lamp Flux:767.099x1 lm		
NAME: CSC3025-LED-PIR-5CCT-WH	TYPE:	WEIGHT:
SPEC.: 2700K	DIM.:	SERIAL No.:
MFR.: LTS	SUR.:	Shielding Angle:

ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2

Room dimensions	Viewed crosswise					Viewed endwise				
x = 2H y = 2H	16.4	18.0	16.7	18.2	18.4	16.4	17.9	16.6	18.1	18.3
3H	18.1	19.6	18.4	19.8	20.0	18.0	19.5	18.3	19.7	19.9
4H	18.9	20.2	19.2	20.5	20.8	18.7	20.1	19.1	20.4	20.6
6H	19.5	20.8	19.9	21.1	21.4	19.4	20.7	19.7	20.9	21.2
8H	19.8	21.1	20.2	21.4	21.6	19.6	20.9	20.0	21.2	21.5
12H	20.1	21.3	20.4	21.6	21.9	19.9	21.1	20.3	21.4	21.7
4H 2H	17.1	18.5	17.4	18.7	19.0	17.0	18.4	17.3	18.6	18.9
3H	19.0	20.2	19.3	20.5	20.8	18.9	20.1	19.2	20.4	20.7
4H	19.9	21.0	20.2	21.3	21.6	19.7	20.9	20.1	21.2	21.5
6H	20.7	21.7	21.1	22.0	22.4	20.5	21.5	20.9	21.9	22.2
8H	21.0	22.0	21.5	22.3	22.7	20.9	21.8	21.3	22.2	22.6
12H	21.4	22.3	21.8	22.6	23.0	21.2	22.1	21.7	22.5	22.9
8H 4H	20.2	21.1	20.6	21.5	21.9	20.1	21.0	20.5	21.4	21.8
6H	21.2	22.0	21.7	22.4	22.8	21.1	21.9	21.5	22.3	22.7
8H	21.7	22.4	22.2	22.8	23.3	21.6	22.3	22.0	22.7	23.1
12H	22.2	22.8	22.7	23.3	23.8	22.1	22.7	22.5	23.1	23.6
12H 4H	20.2	21.1	20.7	21.5	21.9	20.1	21.0	20.6	21.4	21.8
6H	21.3	22.0	21.8	22.4	22.9	21.2	21.9	21.7	22.3	22.8
8H	21.9	22.5	22.4	22.9	23.4	21.8	22.4	22.2	22.8	23.3

Variations with the observer position at spacings(CIE Pub.117):		
S = 1.0H	+ 0.1 / - 0.2	+ 0.1 / - 0.2
1.5H	+ 0.2 / - 0.3	+ 0.2 / - 0.3
2.0H	+ 0.1 / - 0.3	+ 0.1 / - 0.3

CIE Pub.117, 767.1 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -0.9)
Area: 0.111111 m2

C Range: 0 - 360DEG	γ Range: 0 - 90DEG
C Interval: 22.5DEG	γ Interval: 0.5DEG
Test Speed: HIGH	Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.479
Temperature:25.3℃	Humidity:65.0%
Operators:	Test Distance:10.000m [K=1.0000]
Test Date:2024-03-14	Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.60V I:0.1365A P:14.802W PF:0.8990 Freq:59.98Hz Lamp Flux:767.099x1 lm		
NAME: CSC3025-LED-PIR-5CCT-WH	TYPE:	WEIGHT:
SPEC.: 2700K	DIM.:	SERIAL No.:
MFR.: LTS	SUR.:	Shielding Angle:

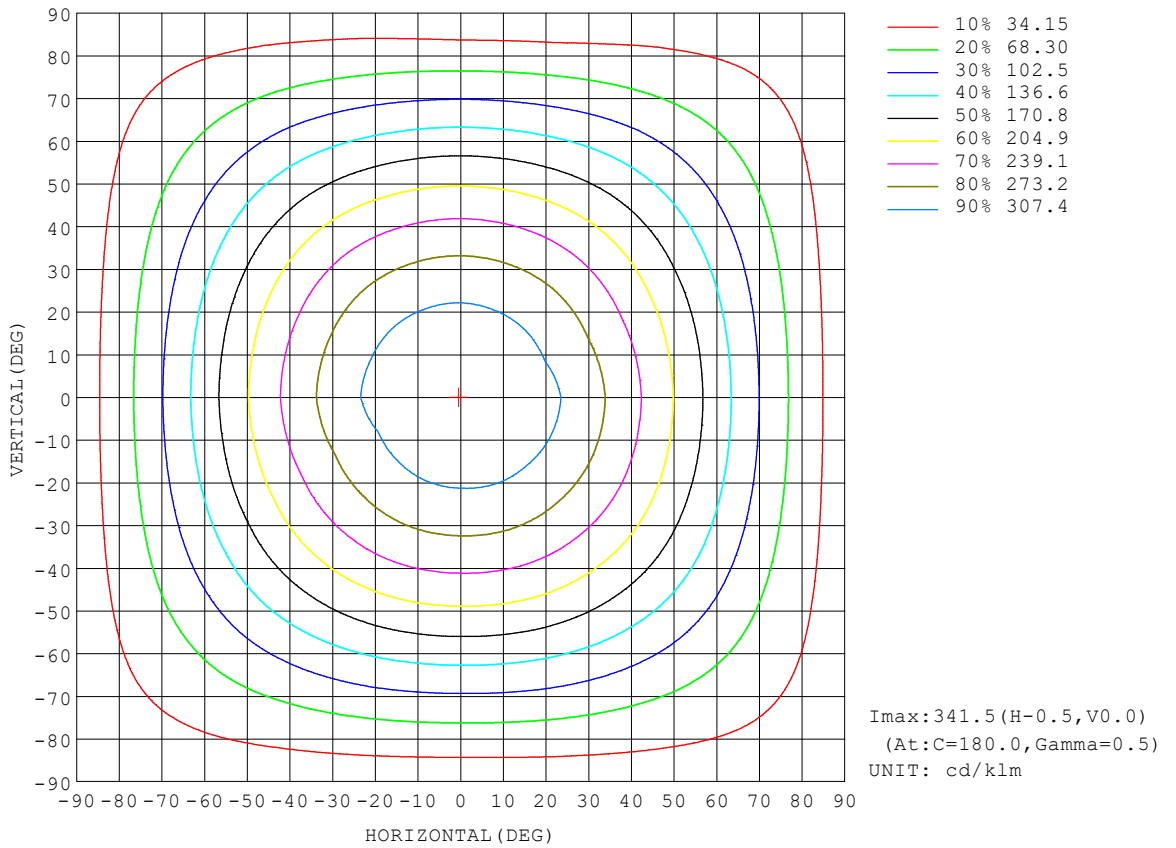
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	57	45	38	56	45	38	55	44	37	31
0.80	66	55	47	65	54	47	64	53	46	39
1.00	75	63	56	73	63	55	71	64	55	48
1.25	82	71	63	80	70	63	78	69	62	55
1.50	87	76	69	85	76	69	82	74	68	60
2.00	94	85	78	92	83	77	88	81	76	68
2.50	98	89	83	96	88	82	92	85	80	72
3.00	101	94	88	99	92	87	95	89	85	76
4.00	105	99	94	103	97	93	98	94	90	81
5.00	108	103	98	105	101	97	101	97	94	84
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:
 Test Date:2024-03-14

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.479
 Humidity:65.0%
 Test Distance:10.000m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:120.60V I:0.1365A P:14.802W PF:0.8990 Freq:59.98Hz Lamp Flux:767.099x1 lm		
NAME: CSC3025-LED-PIR-5CCT-WH	TYPE:	WEIGHT:
SPEC.: 2700K	DIM.:	SERIAL No.:
MFR.: LTS	SUR.:	Shielding Angle:

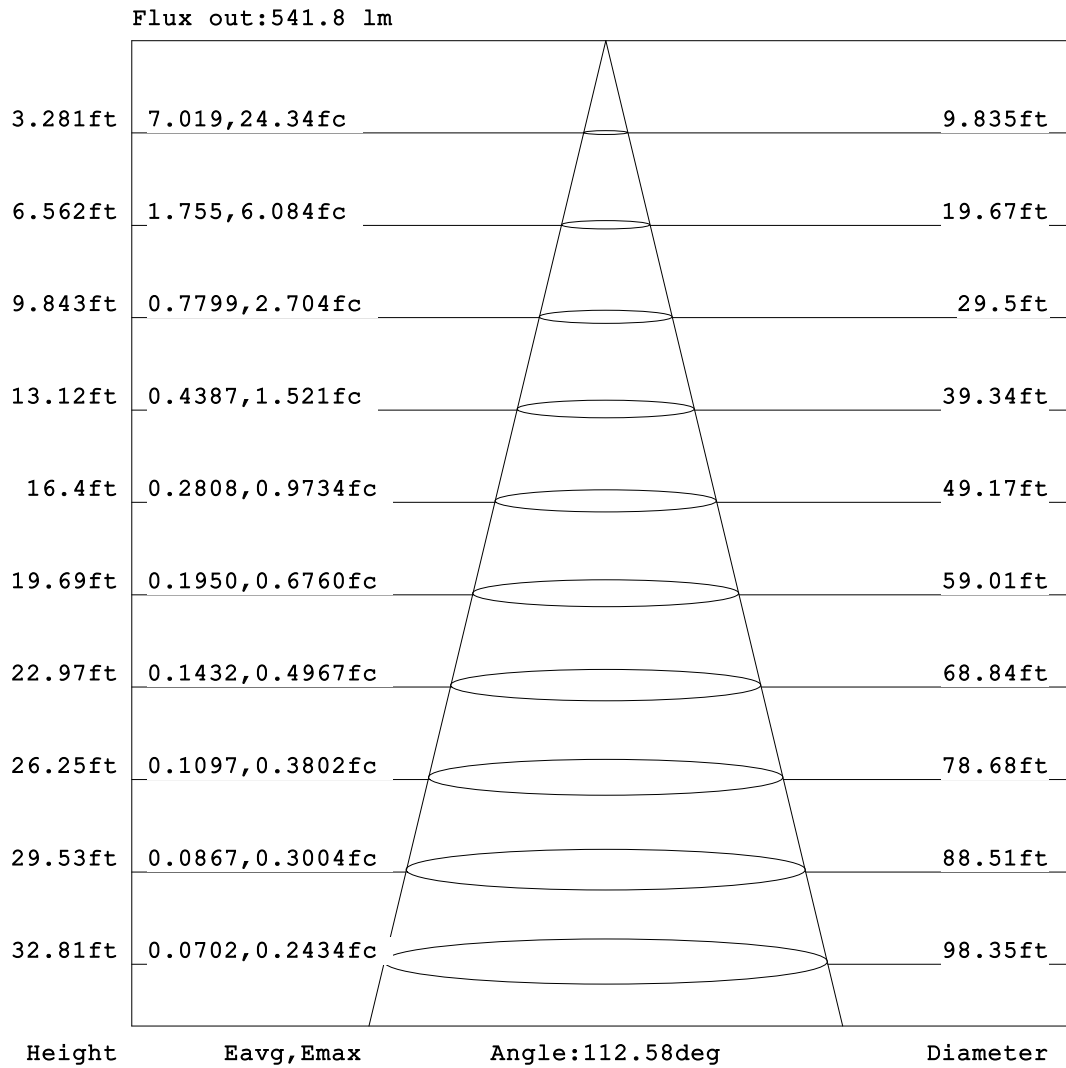


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:
 Test Date:2024-03-14

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.479
 Humidity:65.0%
 Test Distance:10.000m [K=1.0000]
 Remarks:

AAI Figure

Test:U:120.60V I:0.1365A P:14.802W PF:0.8990 Freq:59.98Hz Lamp Flux:767.099x1 lm		
NAME: CSC3025-LED-PIR-5CCT-WH	TYPE:	WEIGHT:
SPEC.: 2700K	DIM.:	SERIAL No.:
MFR.: LTS	SUR.:	Shielding Angle:



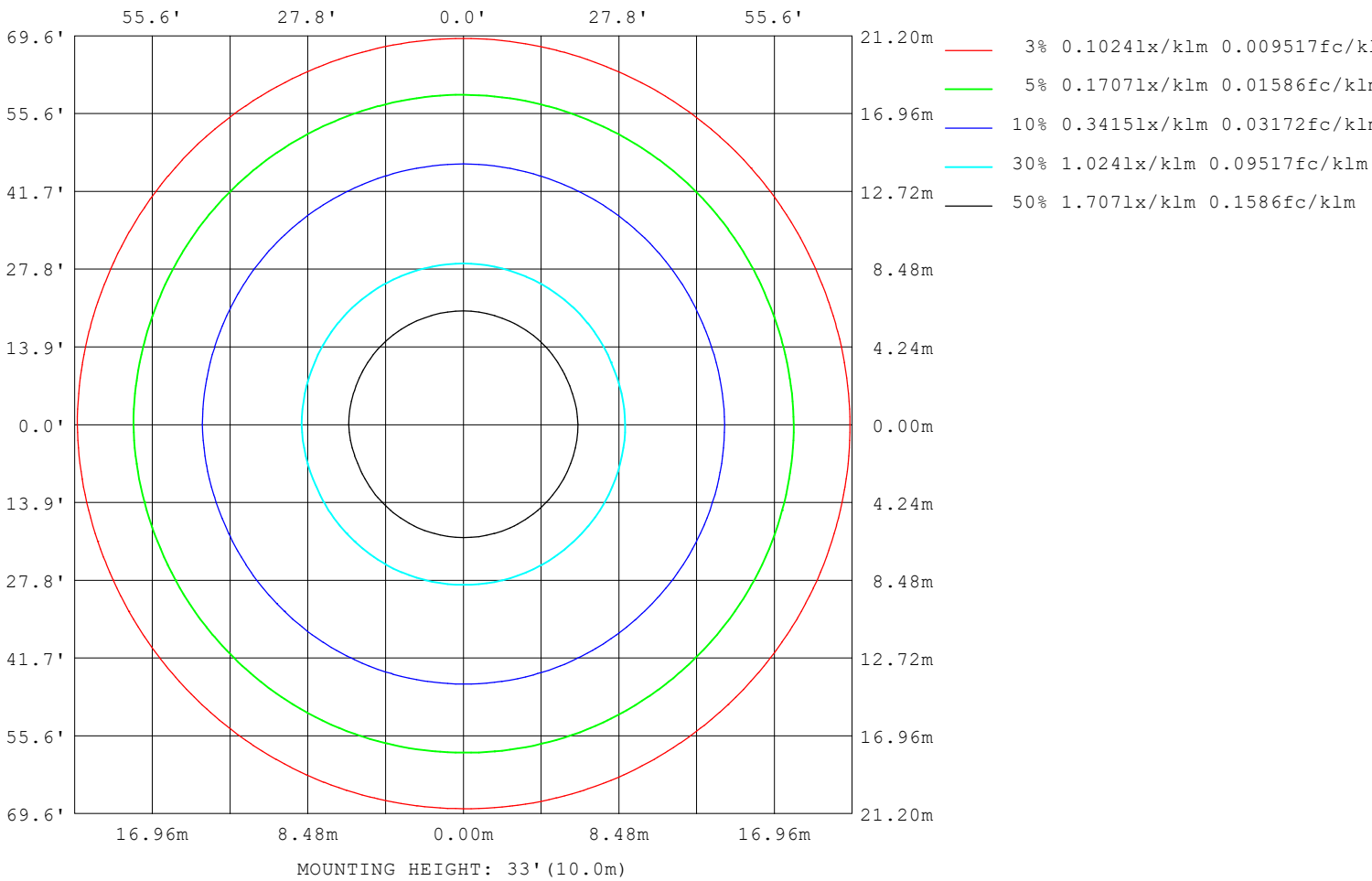
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators:
 Test Date: 2024-03-14

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.479
 Humidity: 65.0%
 Test Distance: 10.000m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:120.60V I:0.1365A P:14.802W PF:0.8990 Freq:59.98Hz Lamp Flux:767.099x1 lm		
NAME: CSC3025-LED-PIR-5CCT-WH	TYPE:	WEIGHT:
SPEC.: 2700K	DIM.:	SERIAL No.:
MFR.: LTS	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:
 Test Date:2024-03-14

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.479
 Humidity:65.0%
 Test Distance:10.000m [K=1.0000]
 Remarks:

LED Avg.L Report

Test:U:120.60V I:0.1365A P:14.802W PF:0.8990 Freq:59.98Hz Lamp Flux:767.099x1 lm		
NAME: CSC3025-LED-PIR-5CCT-WH	TYPE:	WEIGHT:
SPEC.: 2700K	DIM.:	SERIAL No.:
MFR.: LTS	SUR.:	Shielding Angle:

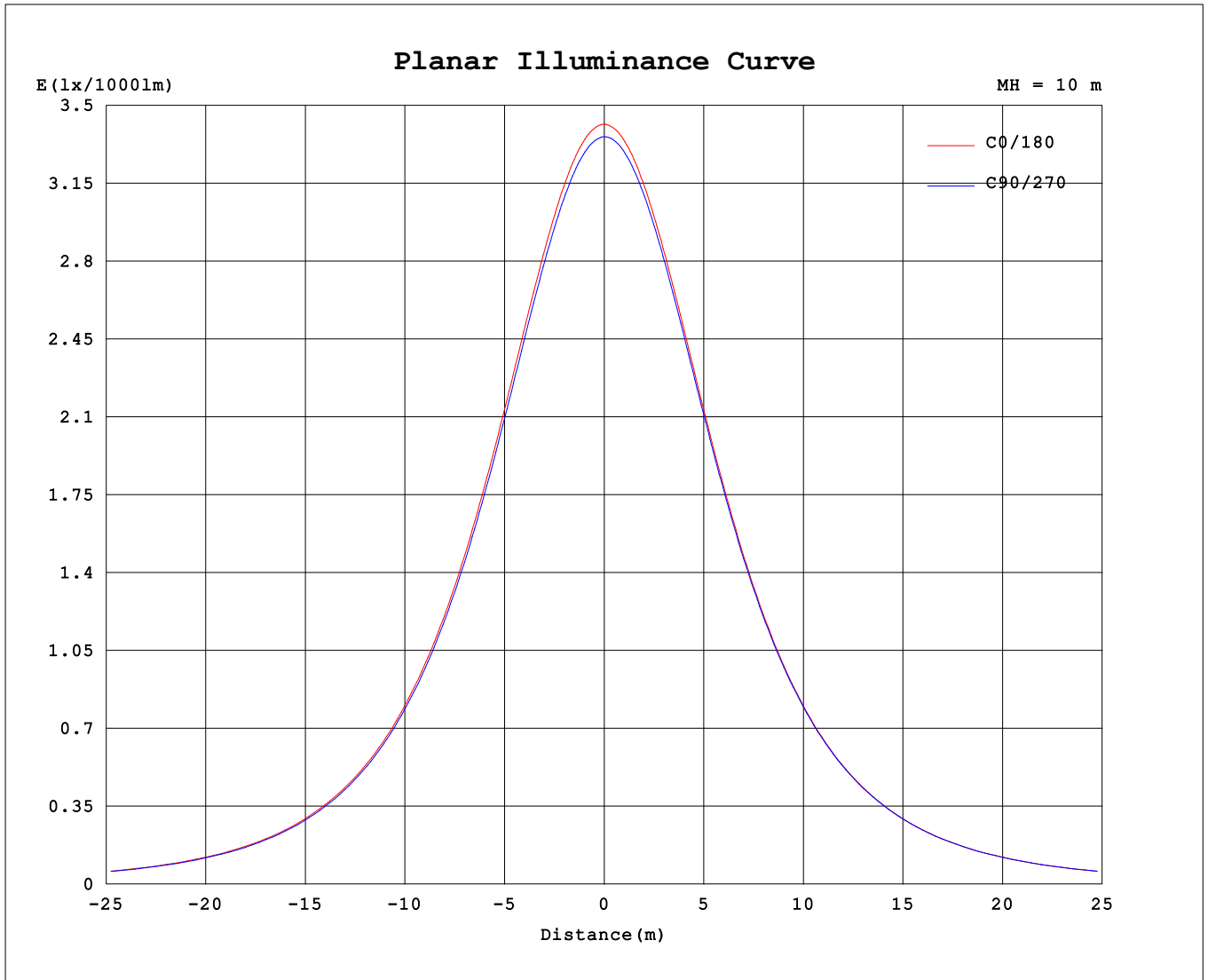
AvgL	cd/m2
L_0~180 (65) av	2088
L_0~180 (75) av	2040
L_0~180 (85) av	2632
L_90~270 (65) av	2063
L_90~270 (75) av	1997
L_90~270 (85) av	2416
L_45 (65) av	2063
L_45 (75) av	2009
L_45 (85) av	2568

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:
 Test Date:2024-03-14

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.479
 Humidity:65.0%
 Test Distance:10.000m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3 °C
 Operators:
 Test Date: 2024-03-14

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.479
 Humidity: 65.0%
 Test Distance: 10.000m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.60V I:0.1365A P:14.802W PF:0.8990 Freq:59.98Hz Lamp Flux:767.099x1 lm		
NAME: CSC3025-LED-PIR-5CCT-WH	TYPE:	WEIGHT:
SPEC.: 2700K	DIM.:	SERIAL No.:
MFR.: LTS	SUR.:	Shielding Angle:

Table--1

UNIT: cd/klm

C (DEG) \ γ (DEG)	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5			
0	341	339	338	337	336	335	335	335	341	339	338	337	336	335	335	335			
5	340	338	336	335	334	334	333	333	340	338	336	335	335	334	334	333			
10	335	333	331	330	329	329	328	328	335	333	332	331	330	330	329	329			
15	327	325	323	322	321	321	320	320	327	325	324	323	323	322	322	321			
20	317	315	313	312	311	310	310	309	316	314	314	313	313	312	311	311			
25	303	301	299	299	297	297	296	296	303	301	301	300	300	299	298	298			
30	287	286	284	283	282	281	280	280	287	285	285	284	284	283	283	282			
35	269	268	266	265	264	263	262	263	269	267	267	266	266	266	265	265			
40	249	248	246	245	244	244	243	243	249	247	247	247	247	246	246	245			
45	227	226	225	224	223	222	221	222	227	226	226	225	225	225	224	224			
50	204	203	202	201	200	200	198	199	204	202	203	202	203	202	202	201			
55	180	179	177	177	176	176	174	175	179	178	179	178	178	178	178	177			
60	154	154	152	152	151	151	150	150	154	153	153	153	153	153	153	152			
65	128	128	127	126	125	125	124	124	128	127	128	127	128	127	127	126			
70	102	102	101	101	99.3	99.2	98.3	98.6	101	101	102	101	101	101	101	101			
75	76.9	76.8	75.7	75.5	74.2	74.3	73.5	73.9	76.1	75.7	76.4	75.9	75.5	75.2	75.7	76.1			
80	53.7	53.6	52.8	52.4	51.3	51.4	50.9	51.2	52.7	52.6	53.3	52.1	50.9	50.6	52.0	53.2			
85	33.8	33.8	33.1	32.7	31.8	31.6	31.3	31.7	32.7	32.7	33.1	32.4	29.2	29.1	32.2	33.4			
90	18.8	18.8	18.6	17.6	17.0	11.6	16.8	17.4	17.9	18.0	18.1	12.8	16.3	16.4	18.0	18.5			

C Range: 0 - 360DEG γ Range: 0 - 90DEG
 C Interval: 22.5DEG γ Interval: 0.5DEG
 Test Speed: HIGH Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.479
 Temperature:25.3°C Humidity:65.0%
 Operators: Test Distance:10.000m [K=1.0000]
 Test Date:2024-03-14 Remarks:

C:\IES 原始文件\CSC3025-LED-PIR-5CCT-WH-2700K-2024-3-14.GOS