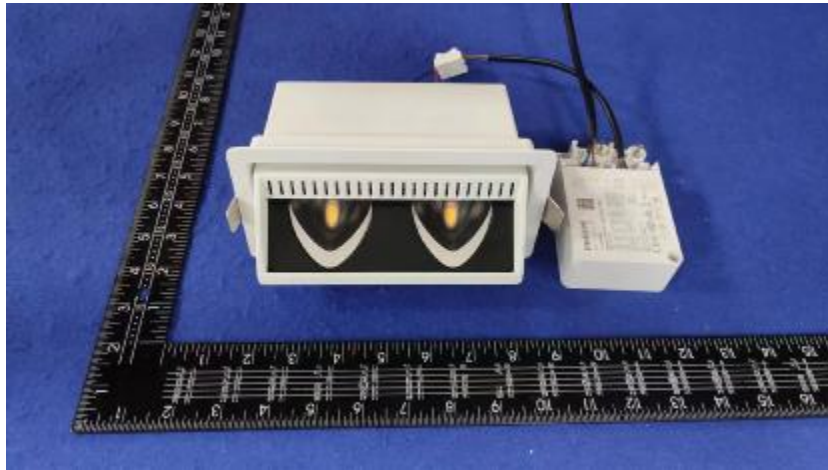


Luminaire Photograph



Light Output Ratio:	78.3%	
Luminaire Power:	35.27 W	
SHR Nominal:	0.00	Calculated using the TM5
SHR Maximum:	1.00	fine grid method.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Zoe
Test Date: 2023-1-12

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System: EVERFINE GO-SPEX500_V1 SYSTEM V2.00.416
Humidity: 65.0%
Test Distance: 3.160m [K=1.0000]
Remarks: LAMP: CLU028-1204C4-303H5M3-F1 Ra:90
REFLECTOR: AP-060D-WW
DRIVER: 9290 028 091 900mA
30minutes warm-up

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

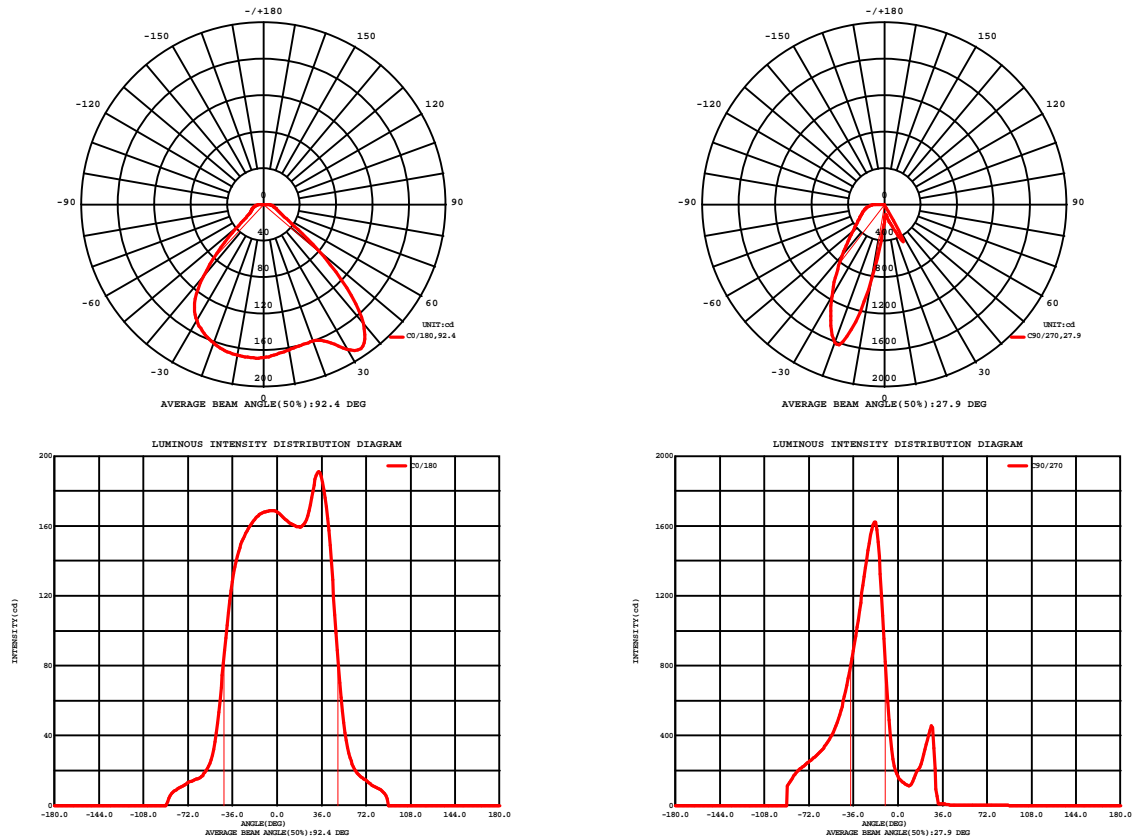


Fig. C0/C180

Fig. C90/C270

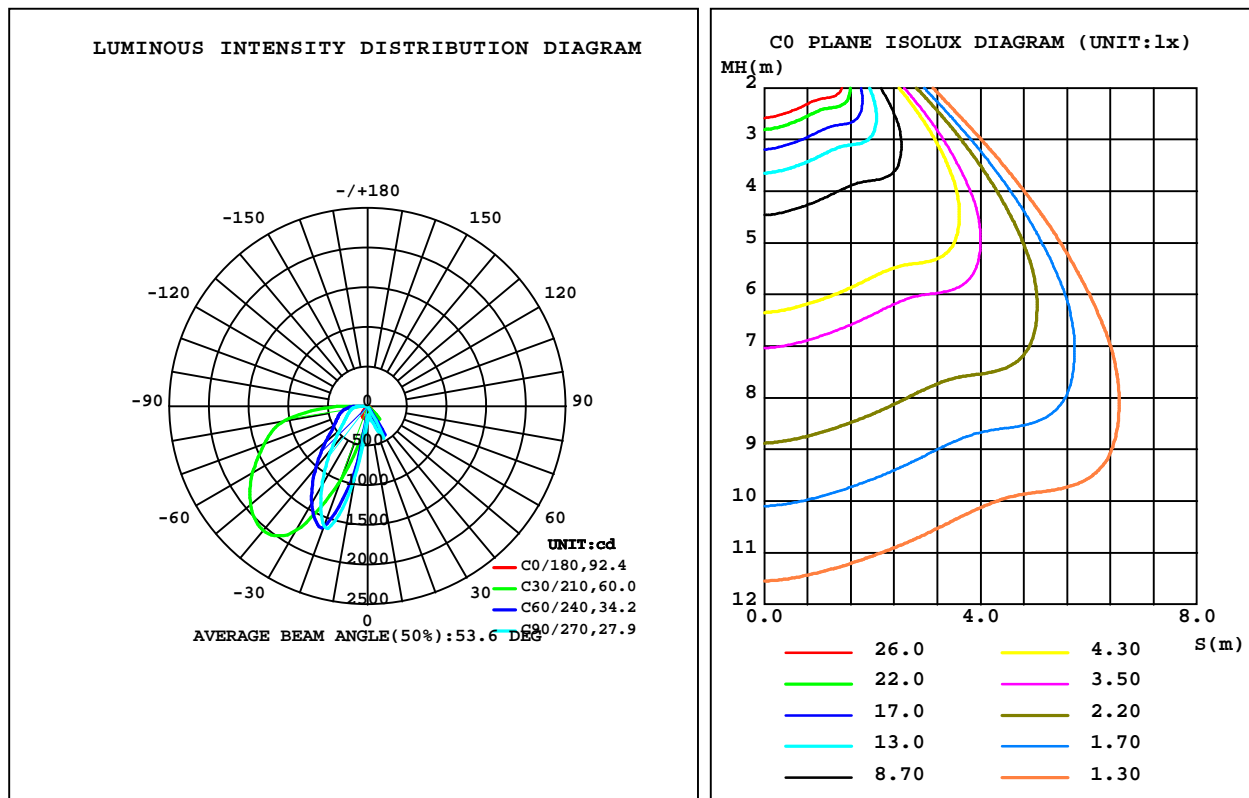
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Zoe
Test Date: 2023-1-12

Range: 0 - 180DEG
Interval: 1.0DEG
Test System: EVERFINE GO-SPEX500_V1 SYSTEM V2.00.416
Humidity: 65.0%
Test Distance: 3.160m [K=1.0000]
Remarks: LAMP: CLU028-1204C4-303H5M3-F1 Ra: 90
REFLECTOR: AP-060D-WW
DRIVER: 9290 028 091 900mA
30minutes warm-up

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.25V I:0.1663A P:35.270W PF:0.9602 Freq:49.99Hz Lamp Flux:3396.9x1 lm		
NAME: 2214.429B	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2301120043
MFR.: RISE	SUR.:0.005904m2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 75.42 lm/W			
MODEL	CITIZEN	I _{max} (cd)	2209	S/MH(C0/180)	1.23
NOMINAL POWER(W)	36	LOR(%)	78.3	S/MH(C90/270)	2.44
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	2660.1	h UP,DN(C0-180)	0.0,5.1
NOMINAL FLUX(lm)	3396.9	CIE CLASS	DIRECT	h UP,DN(C180-360)	0.0,73.2
LAMPS INSIDE	1	h up(%)	0.0	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	220	h down(%)	78.3	CIBSE SHR MAX	1.00



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Zoe
Test Date:2023-1-12

g Range: 0 - 180DEG
Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.416
Humidity:65.0%
Test Distance:3.160m [K=1.0000]
Remarks: LAMP:CLU028-1204C4-303H5M3-F1 Ra:90
REFLECTOR:AP-060D-WW
DRIVER:9290 028 091 900mA
30minutes warm-up

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

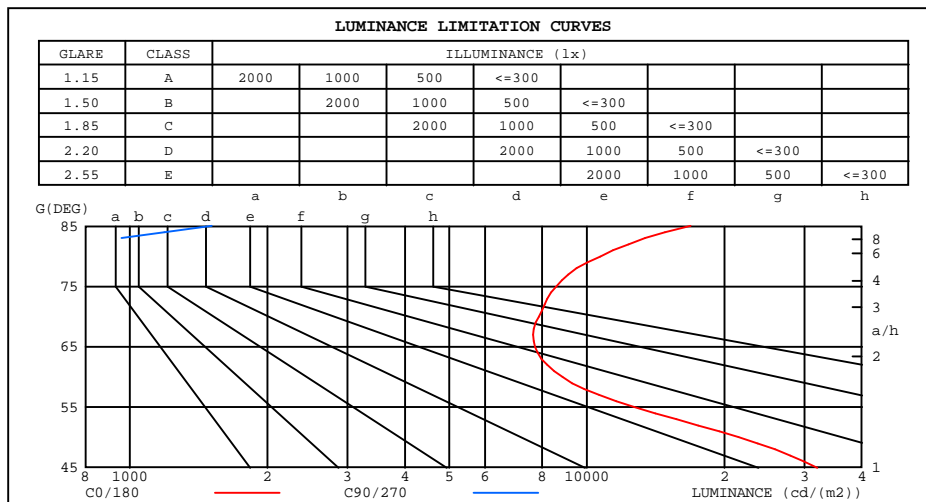
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum,lamp
10	161.9	115.4	114.7	124.2	167.8	510.5	824.2	483.7	0- 10	22.21	22.21	0.83,0.65
20	159.6	142.5	261.1	166.3	161.7	1289	1606	1360	10- 20	147.8	170.0	6.39,5
30	183.3	256.7	210.3	314.9	147.3	1608	1160	1742	20- 30	350.2	520.2	19.6,15.3
40	170.9	106.2	3.934	150.1	103.1	1538	725.4	1636	30- 40	446.4	966.6	36.3,28.5
50	79.02	41.79	1.410	16.59	36.51	1312	455.2	1367	40- 50	448.2	1415	53.2,41.7
60	25.30	3.586	0.2082	3.157	17.07	1089	329.2	1109	50- 60	396.3	1811	68.1,53.3
70	15.37	0.6894	0.2565	0.6722	13.62	896.9	259.8	899.7	60- 70	353.2	2164	81.4,63.7
80	10.62	1.185	0.5635	1.279	9.673	692.9	203.3	716.1	70- 80	305.7	2470	92.9,72.7
90	0	0	0	0	0	0	0	0	80- 90	190.0	2660	100,78.3
100	0	0	0	0	0	0	0	0	90-100	0	2660	100,78.3
110	0	0	0	0	0	0	0	0	100-110	0	2660	100,78.3
120	0	0	0	0	0	0	0	0	110-120	0	2660	100,78.3
130	0	0	0	0	0	0	0	0	120-130	0	2660	100,78.3
140	0	0	0	0	0	0	0	0	130-140	0	2660	100,78.3
150	0	0	0	0	0	0	0	0	140-150	0	2660	100,78.3
160	0	0	0	0	0	0	0	0	150-160	0	2660	100,78.3
170	0	0	0	0	0	0	0	0	160-170	0	2660	100,78.3
180	0	0	0	0	0	0	0	0	170-180	0	2660	100,78.3
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Zoe
Test Date:2023-1-12

g Range: 0 - 180DEG
Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.416
Humidity:65.0%
Test Distance:3.160m [K=1.0000]
Remarks: LAMP:CLU028-1204C4-303H5M3-F1 Ra:90
REFLECTOR:AP-060D-WW
DRIVER:9290 028 091 900mA
30minutes warm-up

LUMINANCE LIMITATION CURVES

Test:U:220.25V I:0.1663A P:35.270W PF:0.9602 Freq:49.99Hz Lamp Flux:3396.9x1 lm		
NAME: 2214.429B	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2301120043
MFR.: RISE	SUR.:0.005904m2	Shielding Angle:



LUMINANCE cd/(m2)		
G(180)	C0/180	C90/270
85	16865	1513
80	10696	551
75	8567	250
70	7858	127
65	7702	75
60	8848	71
55	12700	262
50	21497	373
45	31946	627

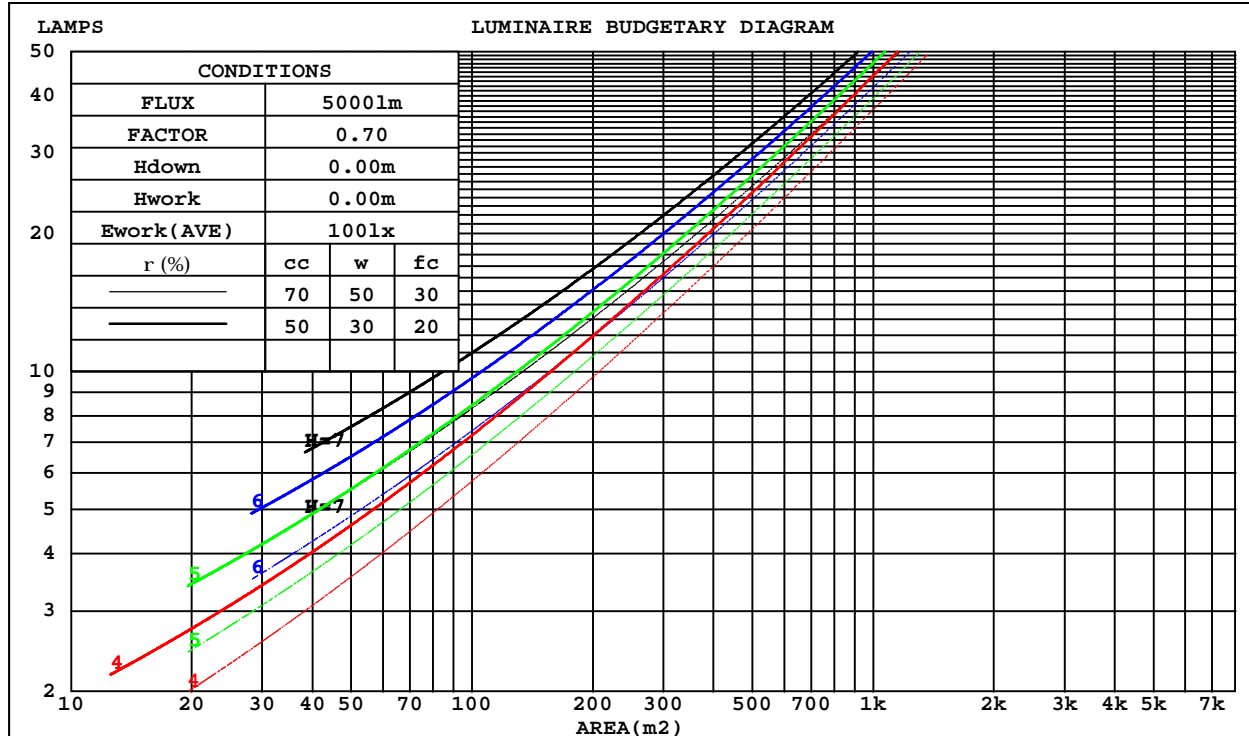
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Zoe
Test Date:2023-1-12

G Range: 0 - 180DEG
G Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.416
Humidity:65.0%
Test Distance:3.160m [K=1.0000]
Remarks: LAMP:CLU028-1204C4-303H5M3-F1 Ra:90
REFLECTOR:AP-060D-WW
DRIVER:9290 028 091 900mA
30minutes warm-up

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.25V I:0.1663A P:35.270W PF:0.9602 Freq:49.99Hz Lamp Flux:3396.9x1 lm		
NAME: 2214.429B	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2301120043
MFR.: RISE	SUR.:0.005904m2	Shielding Angle:

rcc	80%			70%			50%			30%			10%			0
r _w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
r _{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio Coefficients of Utilization(CU)															
0.0	.93	.93	.93	.91	.91	.91	.87	.87	.87	.83	.83	.83	.80	.80	.80	.78
1.0	.78	.74	.70	.76	.72	.69	.73	.69	.66	.69	.67	.64	.67	.64	.62	.61
2.0	.66	.60	.55	.65	.59	.54	.62	.57	.53	.59	.55	.51	.57	.53	.50	.48
3.0	.57	.50	.44	.56	.49	.44	.54	.48	.43	.51	.46	.42	.49	.45	.41	.39
4.0	.50	.43	.37	.49	.42	.36	.47	.41	.36	.45	.40	.35	.43	.39	.35	.33
5.0	.44	.37	.31	.44	.36	.31	.42	.35	.30	.40	.34	.30	.39	.34	.30	.28
6.0	.40	.32	.27	.39	.32	.26	.37	.31	.26	.36	.30	.26	.35	.30	.26	.24
7.0	.36	.28	.23	.35	.28	.23	.34	.27	.23	.33	.27	.22	.31	.26	.22	.21
8.0	.32	.25	.20	.32	.25	.20	.31	.24	.20	.30	.24	.20	.29	.23	.20	.18
9.0	.29	.22	.18	.29	.22	.18	.28	.22	.18	.27	.22	.18	.26	.21	.17	.16
10.0	.27	.20	.16	.26	.20	.16	.26	.20	.16	.25	.19	.16	.24	.19	.16	.14



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Zoe
Test Date:2023-1-12

g Range: 0 - 180DEG
Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.416
Humidity:65.0%
Test Distance:3.160m [K=1.0000]
Remarks: LAMP:CLU028-1204C4-303H5M3-F1 Ra:90
REFLECTOR:AP-060D-WW
DRIVER:9290 028 091 900mA
30minutes warm-up

WEC AND CCEC

Test:U:220.25V I:0.1663A P:35.270W PF:0.9602 Freq:49.99Hz Lamp Flux:3396.9x1 lm		
NAME: 2214.429B	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2301120043
MFR.: RISE	SUR.:0.005904m2	Shielding Angle:

rcc	80%			70%			50%			30%			10%			0
rw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
rfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio Wall Exitance Coefficients(WEC)															
0.0																
1.0	.309	.175	.056	.303	.173	.055	.292	.168	.054	.282	.163	.052	.273	.158	.051	
2.0	.271	.148	.045	.266	.146	.045	.256	.142	.044	.247	.139	.043	.239	.135	.043	
3.0	.242	.129	.039	.237	.127	.038	.229	.124	.038	.221	.121	.037	.213	.118	.037	
4.0	.218	.113	.033	.214	.112	.033	.206	.109	.033	.199	.107	.032	.193	.105	.032	
5.0	.198	.101	.029	.195	.100	.029	.188	.098	.029	.182	.096	.029	.176	.094	.028	
6.0	.182	.091	.026	.179	.090	.026	.173	.089	.026	.167	.087	.026	.162	.085	.025	
7.0	.168	.083	.024	.165	.082	.023	.160	.081	.023	.155	.079	.023	.150	.078	.023	
8.0	.156	.076	.021	.153	.075	.021	.149	.074	.021	.144	.073	.021	.140	.072	.021	
9.0	.145	.070	.020	.143	.070	.020	.139	.069	.019	.135	.068	.019	.131	.067	.019	
10.0	.136	.065	.018	.134	.065	.018	.130	.064	.018	.127	.063	.018	.123	.062	.018	

rcc	80%			70%			50%			30%			10%			0
rw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
rfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.149	.149	.149	.127	.127	.127	.087	.087	.087	.050	.050	.050	.016	.016	.016	
1.0	.146	.122	.100	.125	.104	.086	.085	.072	.060	.049	.042	.035	.016	.013	.011	
2.0	.141	.103	.072	.120	.089	.062	.082	.061	.043	.048	.036	.025	.015	.012	.008	
3.0	.135	.090	.054	.115	.077	.047	.079	.054	.033	.046	.031	.019	.015	.010	.006	
4.0	.128	.080	.042	.110	.069	.037	.076	.048	.026	.044	.028	.015	.014	.009	.005	
5.0	.122	.072	.034	.105	.062	.030	.072	.043	.021	.042	.025	.012	.014	.008	.004	
6.0	.116	.065	.029	.100	.056	.025	.069	.040	.018	.040	.023	.010	.013	.008	.003	
7.0	.111	.060	.024	.095	.052	.021	.066	.036	.015	.038	.021	.009	.012	.007	.003	
8.0	.105	.055	.021	.091	.048	.018	.063	.034	.013	.036	.020	.008	.012	.007	.003	
9.0	.100	.052	.019	.086	.045	.016	.060	.031	.012	.035	.019	.007	.011	.006	.002	
10.0	.095	.048	.017	.082	.042	.015	.057	.029	.010	.033	.017	.006	.011	.006	.002	

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Zoe
Test Date:2023-1-12

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.416
Humidity:65.0%
Test Distance:3.160m [K=1.0000]
Remarks: LAMP:CLU028-1204C4-303H5M3-F1 Ra:90
REFLECTOR:AP-060D-WW
DRIVER:9290 028 091 900mA
30minutes warm-up

UGR(Unified Glare Rating) Table

Test:U:220.25V I:0.1663A P:35.270W PF:0.9602 Freq:49.99Hz Lamp Flux:3396.9x1 lm										
NAME: 2214.429B					TYPE:			WEIGHT:		
SPEC.:3000K					DIM.:			SERIAL No.:2301120043		
MFR.: RISE					SUR.:0.005904m2			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	15.5	17.2	15.8	17.4	17.7	8.8	10.5	9.1	10.7	10.9
3H	15.6	17.1	15.9	17.4	17.6	8.6	10.2	8.9	10.4	10.7
4H	15.7	17.2	16.0	17.4	17.7	8.5	10.0	8.8	10.2	10.5
6H	15.9	17.3	16.2	17.6	17.9	8.4	9.8	8.7	10.1	10.4
8H	16.1	17.5	16.5	17.8	18.1	8.3	9.7	8.7	10.0	10.3
12H	16.4	17.7	16.8	18.0	18.4	8.3	9.6	8.7	9.9	10.2
4H 2H	15.2	16.7	15.5	16.9	17.2	8.6	10.1	8.9	10.3	10.6
3H	15.2	16.5	15.6	16.8	17.2	8.3	9.7	8.7	10.0	10.3
4H	15.4	16.6	15.7	16.9	17.3	8.2	9.5	8.6	9.8	10.1
6H	15.7	16.8	16.1	17.2	17.6	8.2	9.3	8.6	9.6	10.0
8H	16.0	17.1	16.5	17.5	17.9	8.1	9.2	8.6	9.5	9.9
12H	16.5	17.5	17.0	17.9	18.3	8.1	9.1	8.6	9.5	9.9
8H 4H	15.2	16.2	15.6	16.6	17.0	8.1	9.2	8.5	9.5	9.9
6H	15.6	16.5	16.1	16.9	17.3	8.1	9.0	8.5	9.4	9.8
8H	16.0	16.8	16.5	17.2	17.7	8.1	8.9	8.6	9.3	9.8
12H	16.7	17.4	17.1	17.8	18.3	8.2	8.9	8.7	9.3	9.8
12H 4H	15.2	16.1	15.6	16.5	16.9	8.1	9.1	8.5	9.5	9.9
6H	15.6	16.4	16.0	16.8	17.2	8.1	8.9	8.6	9.3	9.8
8H	16.0	16.7	16.5	17.1	17.6	8.2	8.8	8.6	9.3	9.8
Variations with the observer position at spacings:										
S = 1.0H	+ 2.9 / - 2.9					+ 3.4 / - 7.1				
1.5H	+ 2.0 / - 5.0					+ 8.2 / - 6.8				
2.0H	+ 5.0 / - 4.4					+ 3.9 / - 1.6				

CIE Pub.117, 3397 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 4.2$)
Area: 0.005904 m2

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Zoe
Test Date:2023-1-12

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.416
Humidity:65.0%
Test Distance:3.160m [K=1.0000]
Remarks: LAMP:CLU028-1204C4-303H5M3-F1 Ra:90
REFLECTOR:AP-060D-WW
DRIVER:9290 028 091 900mA
30minutes warm-up

UTILIZATION FACTORS TABLE

Test:U:220.25V I:0.1663A P:35.270W PF:0.9602 Freq:49.99Hz Lamp Flux:3396.9x1 lm		
NAME: 2214.429B	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2301120043
MFR.: RISE	SUR.:0.005904m2	Shielding Angle:

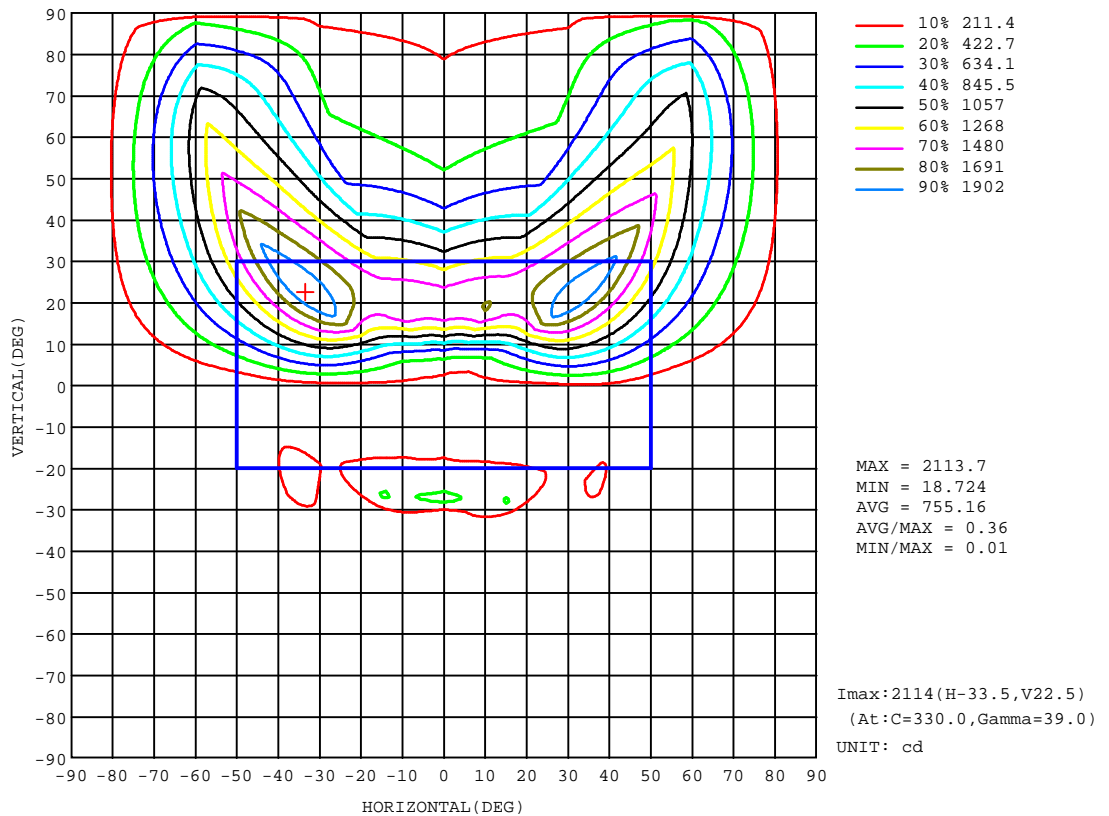
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	42	32	26	41	32	26	40	31	26	21
0.80	49	39	33	48	39	33	47	38	32	27
1.00	55	46	39	54	45	39	53	47	39	33
1.25	61	52	45	60	51	45	57	50	44	38
1.50	65	56	50	64	55	49	61	54	49	42
2.00	71	63	57	69	62	56	66	60	55	48
2.50	74	67	61	72	66	60	69	63	59	52
3.00	77	70	65	75	69	64	72	67	62	55
4.00	80	75	70	78	73	69	75	71	67	59
5.00	83	78	74	81	76	72	77	73	70	62
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Zoe
 Test Date:2023-1-12

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.416
 Humidity:65.0%
 Test Distance:3.160m [K=1.0000]
 Remarks: LAMP:CLU028-1204C4-303H5M3-F1 Ra:90
 REFLECTOR:AP-060D-WW
 DRIVER:9290 028 091 900mA
 30minutes warm-up

ISOCANDELA DIAGRAM

Test:U:220.25V I:0.1663A P:35.270W PF:0.9602 Freq:49.99Hz Lamp Flux:3396.9x1 lm		
NAME: 2214.429B	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2301120043
MFR.: RISE	SUR.:0.005904m2	Shielding Angle:

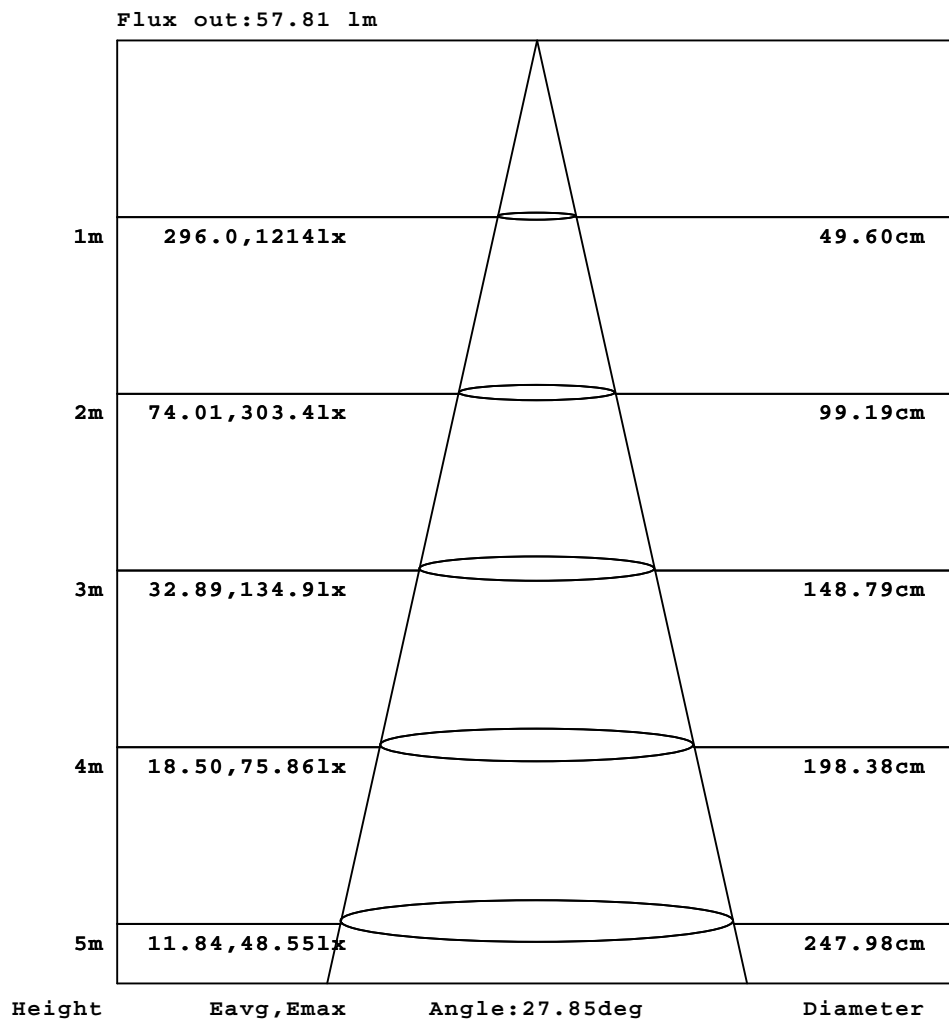


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Zoe
Test Date:2023-1-12

Range: 0 - 180DEG
Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.416
Humidity:65.0%
Test Distance:3.160m [K=1.0000]
Remarks: LAMP:CLU028-1204C4-303H5M3-F1 Ra:90
REFLECTOR:AP-060D-WW
DRIVER:9290 028 091 900mA
30minutes warm-up

AAI Figure

Test:U:220.25V I:0.1663A P:35.270W PF:0.9602 Freq:49.99Hz Lamp Flux:3396.9x1 lm		
NAME: 2214.429B	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2301120043
MFR.: RISE	SUR.:0.005904m2	Shielding Angle:



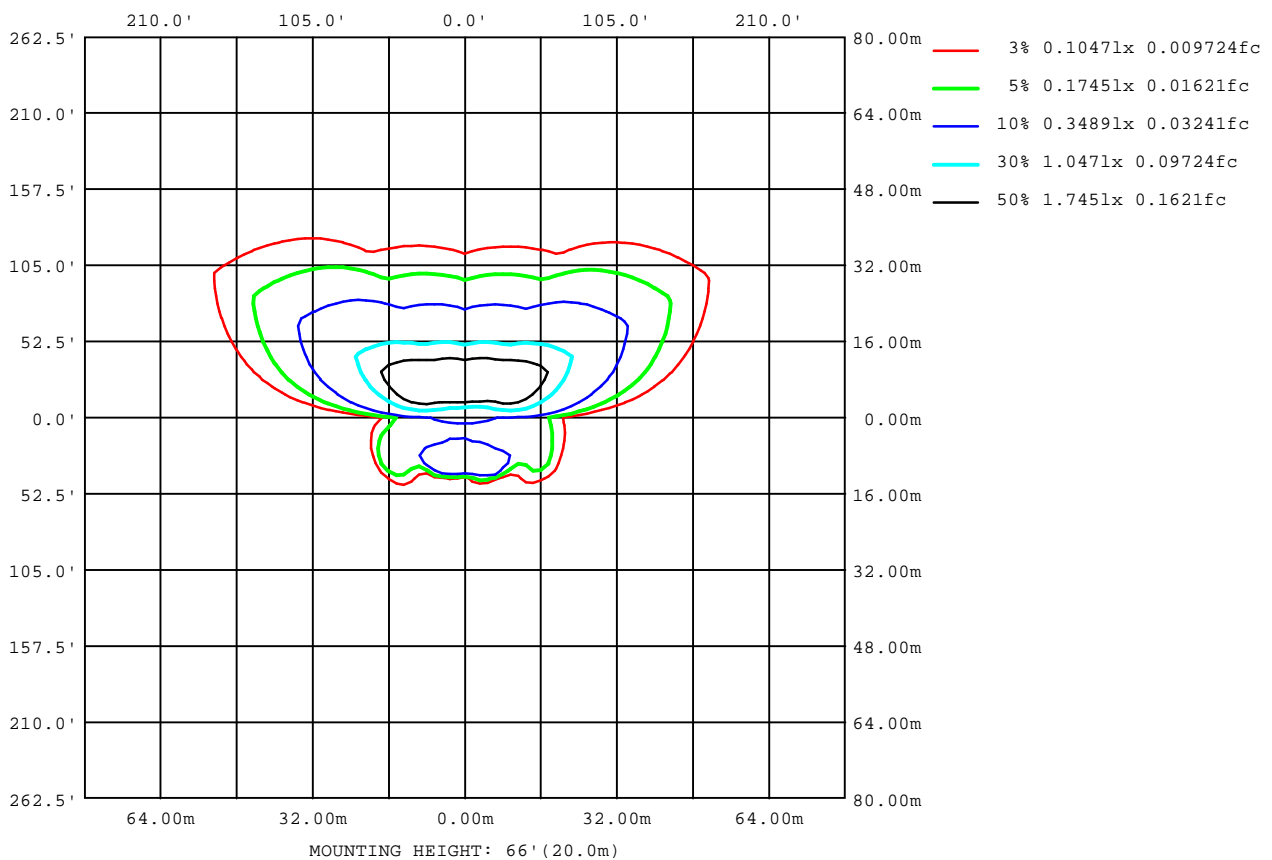
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Zoe
Test Date:2023-1-12

g Range: 0 - 180DEG
Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.416
Humidity:65.0%
Test Distance:3.160m [K=1.0000]
Remarks: LAMP:CLU028-1204C4-303H5M3-F1 Ra:90
REFLECTOR:AP-060D-WW
DRIVER:9290 028 091 900mA
30minutes warm-up

ISOLUX DIAGRAM

Test:U:220.25V I:0.1663A P:35.270W PF:0.9602 Freq:49.99Hz Lamp Flux:3396.9x1 lm		
NAME: 2214.429B	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2301120043
MFR.: RISE	SUR.:0.005904m2	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Zoe
Test Date:2023-1-12

g Range: 0 - 180DEG
Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.416
Humidity:65.0%
Test Distance:3.160m [K=1.0000]
Remarks: LAMP:CLU028-1204C4-303H5M3-F1 Ra:90
REFLECTOR:AP-060D-WW
DRIVER:9290 028 091 900mA
30minutes warm-up

LED Avg.L Report

Test:U:220.25V I:0.1663A P:35.270W PF:0.9602 Freq:49.99Hz Lamp Flux:3396.9x1 lm		
NAME: 2214.429B	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2301120043
MFR.: RISE	SUR.:0.005904m2	Shielding Angle:

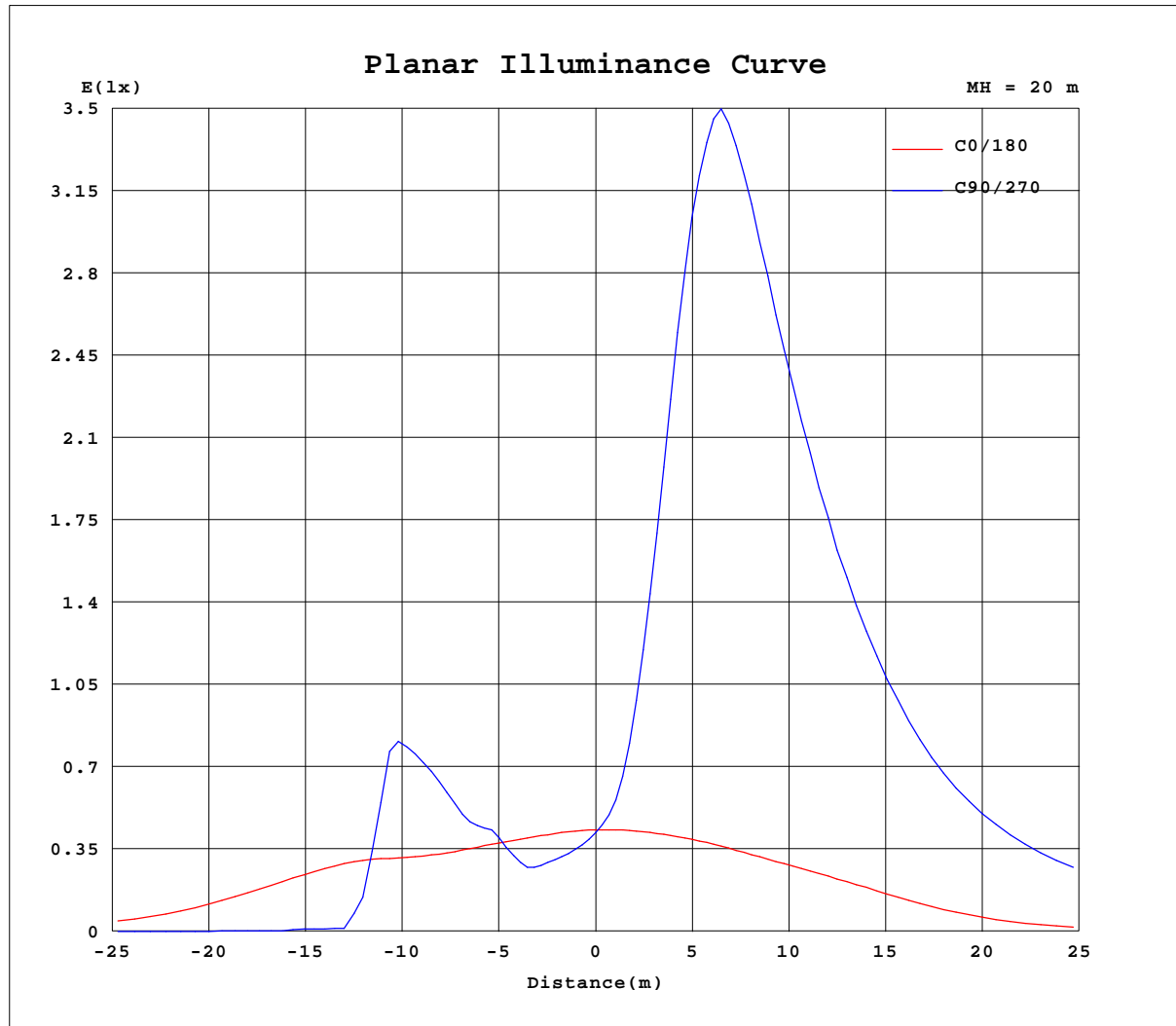
AvgL	cd/m2
L_0~180(65)av	6742
L_0~180(75)av	7945
L_0~180(85)av	14873
L_90~270(65)av	58187
L_90~270(75)av	75940
L_90~270(85)av	153759
L_45(65)av	220582
L_45(75)av	295588
L_45(85)av	548344

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Zoe
Test Date:2023-1-12

g Range: 0 - 180DEG
Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.416
Humidity:65.0%
Test Distance:3.160m [K=1.0000]
Remarks: LAMP:CLU028-1204C4-303H5M3-F1 Ra:90
REFLECTOR:AP-060D-WW
DRIVER:9290 028 091 900mA
30minutes warm-up

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Zoe
 Test Date: 2023-1-12

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System: EVERFINE GO-SPEX500_V1 SYSTEM V2.00.416
 Humidity: 65.0%
 Test Distance: 3.160m [K=1.0000]
 Remarks: LAMP: CLU028-1204C4-303H5M3-F1 Ra:90
 REFLECTOR: AP-060D-WW
 DRIVER: 9290 028 091 900mA
 30minutes warm-up

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.25V I:0.1663A P:35.270W PF:0.9602 Freq:49.99Hz Lamp Flux:3396.9x1 lm		
NAME: 2214.429B	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2301120043
MFR.: RISE	SUR.:0.005904m2	Shielding Angle:

Table--1

UNIT: cd

C(°) g (°)	0	30	60	90	120	150	180	210	240	270	300	330						
0	168	168	168	168	168	168	168	168	168	168	168	168						
5	165	139	130	129	135	147	169	218	291	323	267	202						
10	162	121	110	115	117	132	168	349	674	824	657	307						
15	160	107	139	192	167	117	166	597	1215	1423	1267	566						
20	160	91.0	195	261	221	110	162	963	1618	1606	1731	979						
25	166	91.1	286	405	339	128	156	1406	1584	1404	1708	1508						
30	183	112	403	210	460	167	147	1800	1415	1160	1515	1975						
35	190	151	126	8.83	62.7	226	133	1995	1220	927	1297	2174						
40	171	201	9.80	3.93	10.27	293	103	2049	1022	725	1077	2207						
45	129	198	5.18	2.61	5.02	220	67.4	2016	843	568	881	2148						
50	79.0	79.7	3.42	1.41	3.04	30.5	36.5	1928	689	455	717	2033						
55	41.7	12.1	1.31	0.88	1.19	10.47	22.5	1815	570	380	597	1886						
60	25.3	6.43	0.70	0.21	0.57	5.81	17.1	1676	494	329	512	1720						
65	18.6	4.01	0.26	0.19	0.26	2.46	15.0	1525	442	290	453	1554						
70	15.4	1.04	0.34	0.26	0.33	1.02	13.6	1387	402	260	408	1403						
75	12.7	1.04	0.52	0.38	0.50	1.14	11.6	1255	362	232	368	1276						
80	10.6	1.57	0.80	0.56	0.79	1.78	9.67	1063	318	203	323	1118						
85	8.41	2.38	1.18	0.78	1.16	2.69	6.90	716	246	157	252	820						
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						
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
115	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
125	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
155	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
160	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						
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						
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						
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						

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
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Operators:Zoe
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