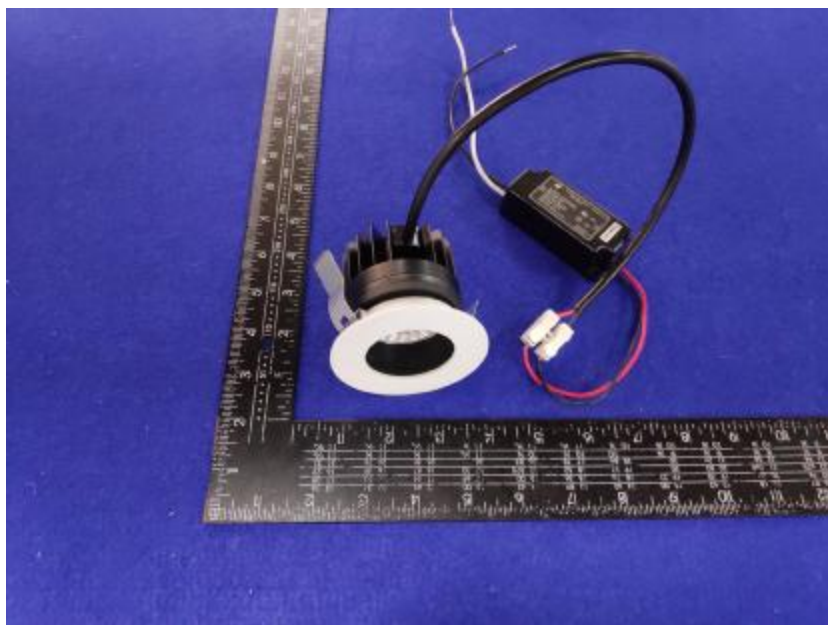


Luminaire Photograph



Light Output Ratio:	51.5%	
Luminaire Power:	10.37 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: GUO
Test Date: 2019-10-14

g Range: 0 - 90DEG
Interval: 1.0DEG
Test System: EVERFINE GO-SPEX500_V1 SYSTEM V2.0.402
Humidity: 65.0%
Test Distance: 3.160m [K=1.0000]
Remarks: LAMP: CLU028-1202C4-303H5M3-F1 Ra: 90
LENS: PM-1035 10R+CLEAR GLASS
DRIVER: LP12W-48-C0250 250mA
30minutes warm-up

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

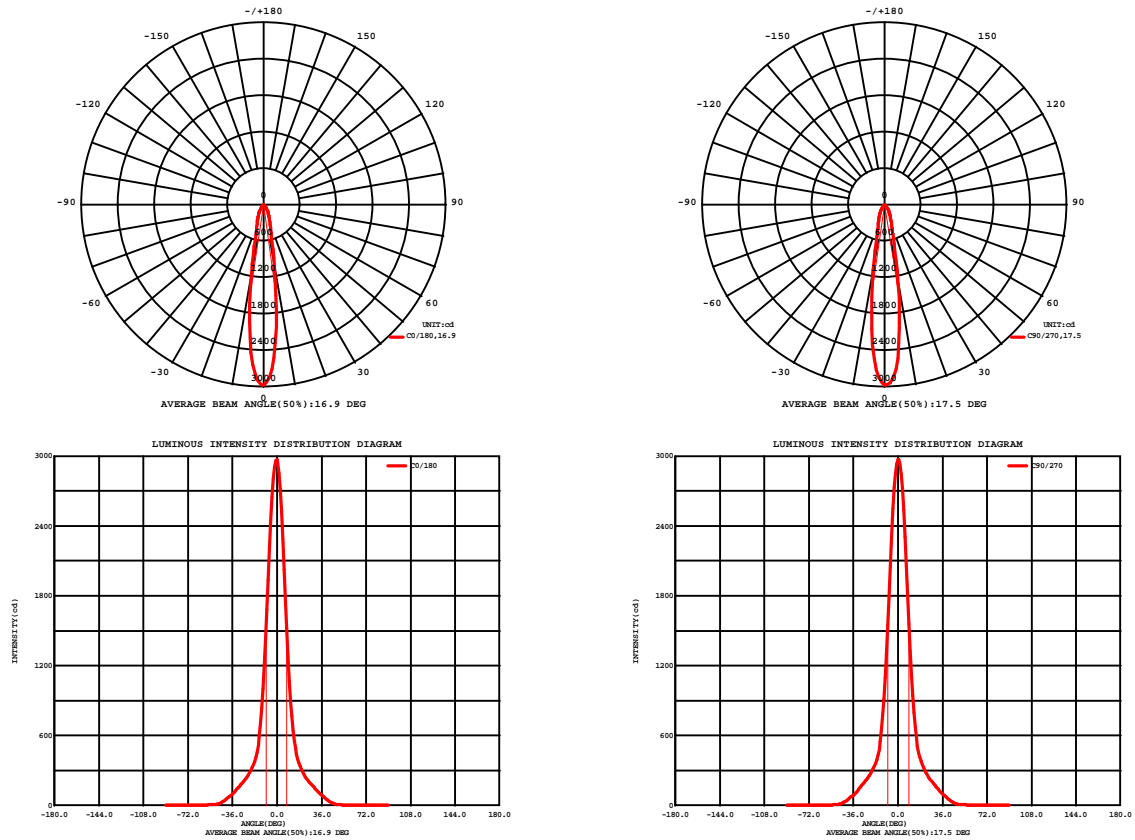


Fig. C0/C180

Fig. C90/C270

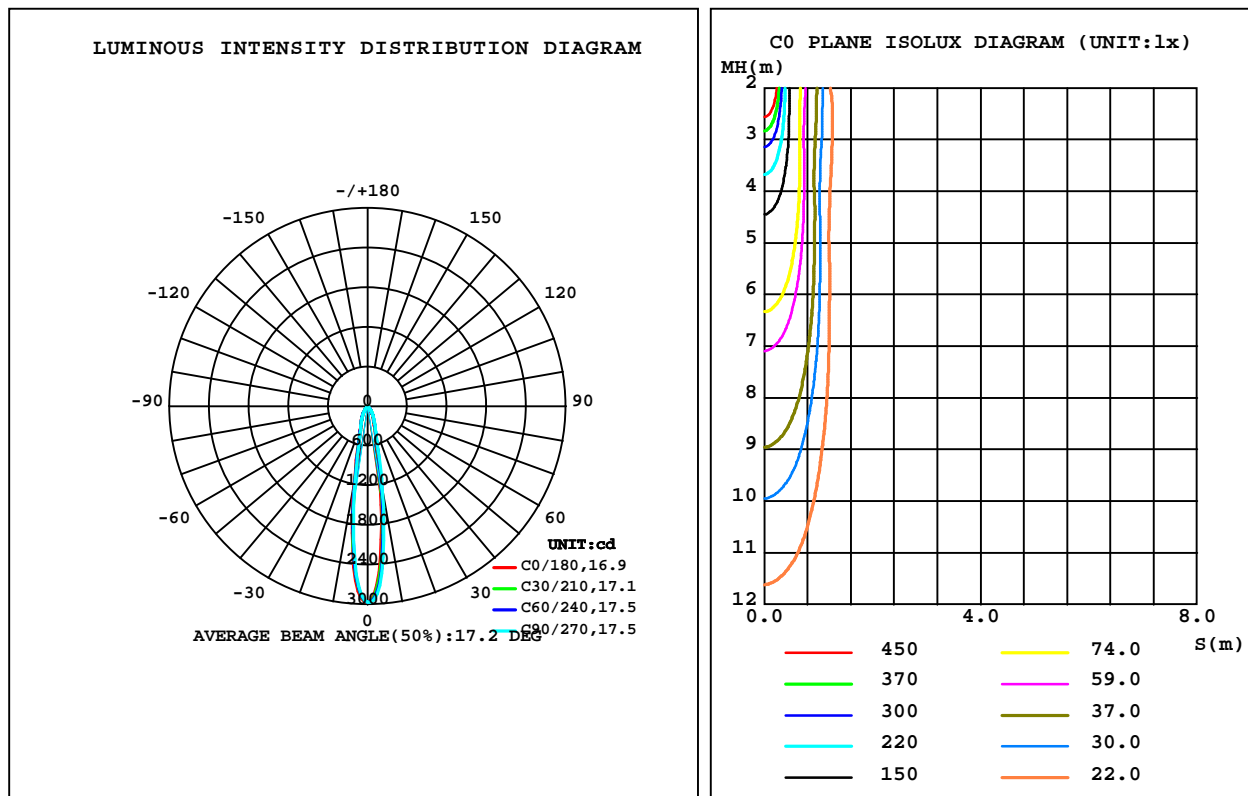
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: GUO
Test Date: 2019-10-14

Range: 0 - 90DEG
Interval: 1.0DEG
Test System: EVERFINE GO-SPEX500_V1 SYSTEM V2.0.402
Humidity: 65.0%
Test Distance: 3.160m [K=1.0000]
Remarks: LAMP: CLU028-1202C4-303H5M3-F1 Ra: 90
LENS: PM-1035 10R+CLEAR GLASS
DRIVER: LP12W-48-C0250 250mA
30minutes warm-up

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.17V I:0.0490A P:10.373W PF:0.9583 Freq:49.99Hz Lamp Flux:1055.1x1 lm		
NAME: 1618.116	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:191014003
MFR.: RISE	SUR.:0.00151976m2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 52.41 lm/W			
MODEL	CITIZEN	I _{max} (cd)	2971	S/MH(C0/180)	0.30
NOMINAL POWER(W)	10	LOR(%)	51.5	S/MH(C90/270)	0.28
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	543.63	h UP,DN(C0-180)	0.0,26.8
NOMINAL FLUX(lm)	1055.1	CIE CLASS	DIRECT	h UP,DN(C180-360)	0.0,24.8
LAMPS INSIDE	1	h up(%)	0.0	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	220	h down(%)	51.5	CIBSE SHR MAX	1.00



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:GUO
Test Date:2019-10-14

g Range: 0 - 90DEG
Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.0.402
Humidity:65.0%
Test Distance:3.160m [K=1.0000]
Remarks: LAMP:CLU028-1202C4-303H5M3-F1 Ra:90
LENS:PM-1035 10R+CLEAR GLASS
DRIVER:LP12W-48-C0250 250mA
30minutes warm-up

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

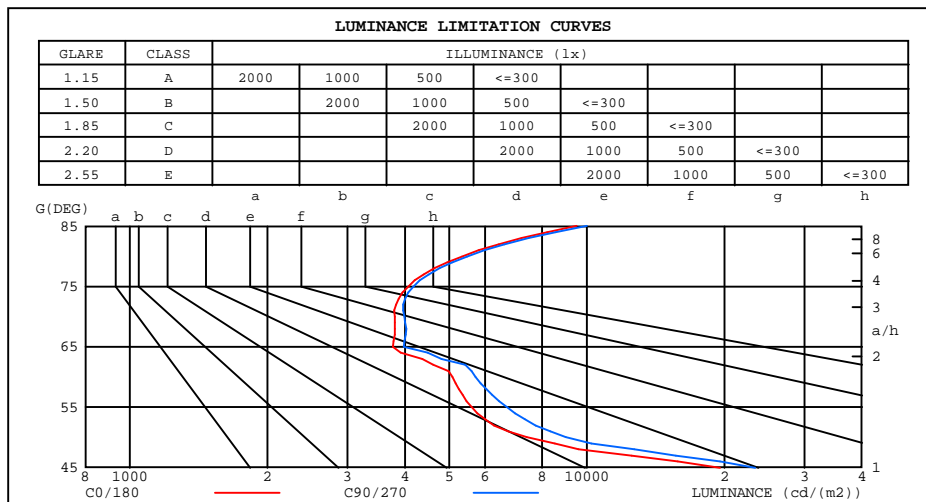
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum,lamp
10	1070	1204	1323	1302	1205	1147	1096	1021	0- 10	186.0	186.0	34.2,17.6
20	310.5	333.9	351.0	338.9	324.4	313.8	315.2	299.7	10- 20	156.3	342.4	63,32.4
30	157.4	165.9	174.0	171.8	166.4	162.4	161.2	154.1	20- 30	105.3	447.6	82.3,42.4
40	54.38	59.51	64.47	64.95	61.59	55.27	52.28	50.15	30- 40	65.91	513.6	94.5,48.7
50	7.218	7.707	8.793	8.841	8.635	7.859	7.179	7.016	40- 50	19.22	532.8	98,50.5
60	3.869	3.892	4.350	4.467	4.562	4.194	3.845	4.092	50- 60	4.894	537.7	98.9,51
70	1.977	2.030	2.074	2.225	2.264	2.211	2.118	1.996	60- 70	2.881	540.6	99.4,51.2
80	1.408	1.417	1.447	1.500	1.563	1.569	1.525	1.440	70- 80	1.824	542.4	99.8,51.4
90	0.0151	0.0085	0.0144	0.1542	0.2505	0.1612	0.0176	0.0035	80- 90	1.253	543.6	100,51.5
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									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:GUO
Test Date:2019-10-14

g Range: 0 - 90DEG
Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.0.402
Humidity:65.0%
Test Distance:3.160m [K=1.0000]
Remarks: LAMP:CLU028-1202C4-303H5M3-F1 Ra:90
LENS:PM-1035 10R+CLEAR GLASS
DRIVER:LP12W-48-C0250 250mA
30minutes warm-up

LUMINANCE LIMITATION CURVES

Test:U:220.17V I:0.0490A P:10.373W PF:0.9583 Freq:49.99Hz Lamp Flux:1055.1x1 lm		
NAME: 1618.116	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:191014003
MFR.: RISE	SUR.:0.00151976m2	Shielding Angle:



LUMINANCE cd/(m2)		
G(°)	C0/180	C90/270
85	9508	10014
80	5335	5480
75	4065	4173
70	3803	3987
65	3763	3980
60	5090	5720
55	5601	6689
50	7387	8994
45	19603	23358

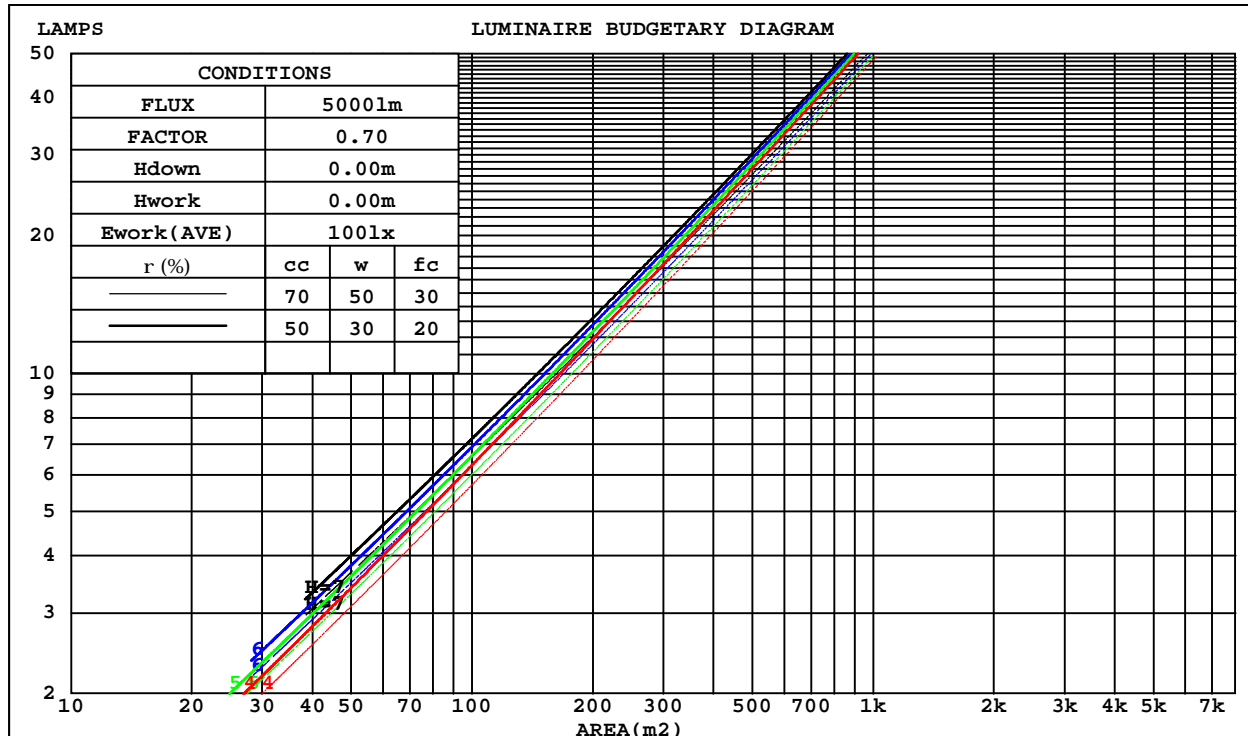
C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:GUO
 Test Date:2019-10-14

G Range: 0 - 90DEG
 G Interval: 1.0DEG
 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.0.402
 Humidity:65.0%
 Test Distance:3.160m [K=1.0000]
 Remarks: LAMP:CLU028-1202C4-303H5M3-F1 Ra:90
 LENS:PM-1035 10R+CLEAR GLASS
 DRIVER:LP12W-48-C0250 250mA
 30minutes warm-up

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.17V I:0.0490A P:10.373W PF:0.9583 Freq:49.99Hz Lamp Flux:1055.1x1 lm		
NAME: 1618.116	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:191014003
MFR.: RISE	SUR.:0.00151976m2	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
r fc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio Coefficients of Utilization(CU)															
0.0	.61	.61	.61	.60	.60	.60	.57	.57	.57	.55	.55	.55	.53	.53	.53	.52
1.0	.58	.57	.56	.57	.56	.55	.55	.54	.53	.53	.52	.51	.51	.50	.50	.49
2.0	.54	.53	.51	.54	.52	.51	.52	.51	.50	.51	.49	.49	.49	.48	.48	.47
3.0	.52	.50	.48	.51	.49	.48	.50	.48	.47	.49	.47	.46	.47	.46	.45	.45
4.0	.49	.47	.45	.49	.47	.45	.48	.46	.44	.47	.45	.44	.46	.44	.43	.43
5.0	.47	.45	.43	.47	.44	.43	.46	.44	.42	.45	.43	.42	.44	.43	.42	.41
6.0	.45	.43	.41	.45	.42	.41	.44	.42	.40	.43	.42	.40	.43	.41	.40	.39
7.0	.43	.41	.39	.43	.41	.39	.42	.40	.39	.42	.40	.39	.41	.40	.38	.38
8.0	.42	.39	.38	.41	.39	.37	.41	.39	.37	.40	.39	.37	.40	.38	.37	.36
9.0	.40	.38	.36	.40	.38	.36	.40	.37	.36	.39	.37	.36	.39	.37	.36	.35
10.0	.39	.37	.35	.39	.36	.35	.38	.36	.35	.38	.36	.35	.38	.36	.35	.34



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:GUO
Test Date:2019-10-14

g Range: 0 - 90DEG
Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.0.402
Humidity:65.0%
Test Distance:3.160m [K=1.0000]
Remarks: LAMP:CLU028-1202C4-303H5M3-F1 Ra:90
LENS:PM-1035 10R+CLEAR GLASS
DRIVER:LP12W-48-C0250 250mA
30minutes warm-up

WEC AND CCEC

Test:U:220.17V I:0.0490A P:10.373W PF:0.9583 Freq:49.99Hz Lamp Flux:1055.1x1 lm		
NAME: 1618.116	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:191014003
MFR.: RISE	SUR.:0.00151976m2	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	.080	.045	.014	.076	.043	.014	.070	.040	.013	.064	.037	.012	.058	.034	.011	
2.0	.074	.041	.013	.072	.039	.012	.066	.037	.011	.061	.034	.011	.057	.032	.010	
3.0	.070	.037	.011	.067	.036	.011	.063	.034	.010	.059	.032	.010	.055	.030	.009	
4.0	.066	.034	.010	.064	.033	.010	.060	.032	.009	.056	.030	.009	.053	.029	.009	
5.0	.062	.032	.009	.060	.031	.009	.057	.030	.009	.054	.028	.008	.051	.027	.008	
6.0	.059	.029	.008	.057	.029	.008	.054	.028	.008	.052	.027	.008	.049	.026	.008	
7.0	.056	.028	.008	.054	.027	.008	.052	.026	.008	.050	.025	.007	.047	.025	.007	
8.0	.053	.026	.007	.052	.026	.007	.050	.025	.007	.048	.024	.007	.046	.023	.007	
9.0	.051	.024	.007	.050	.024	.007	.048	.024	.007	.046	.023	.007	.044	.022	.006	
10.0	.048	.023	.006	.047	.023	.006	.046	.022	.006	.044	.022	.006	.042	.021	.006	

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	.098	.098	.098	.084	.084	.084	.057	.057	.057	.033	.033	.033	.011	.011	.011	
1.0	.087	.081	.076	.075	.070	.065	.051	.048	.045	.029	.028	.026	.009	.009	.008	
2.0	.079	.068	.060	.067	.059	.052	.046	.041	.036	.027	.024	.021	.009	.008	.007	
3.0	.071	.058	.048	.061	.050	.042	.042	.035	.029	.024	.020	.017	.008	.007	.006	
4.0	.065	.051	.039	.056	.044	.034	.039	.030	.024	.022	.018	.014	.007	.006	.005	
5.0	.060	.044	.033	.052	.038	.028	.036	.027	.020	.021	.016	.012	.007	.005	.004	
6.0	.056	.039	.028	.048	.034	.024	.033	.024	.017	.019	.014	.010	.006	.005	.003	
7.0	.052	.035	.023	.045	.031	.020	.031	.021	.015	.018	.013	.009	.006	.004	.003	
8.0	.049	.032	.020	.042	.028	.018	.029	.019	.013	.017	.011	.007	.005	.004	.002	
9.0	.046	.029	.018	.040	.025	.015	.027	.018	.011	.016	.010	.006	.005	.003	.002	
10.0	.043	.027	.015	.037	.023	.013	.026	.016	.010	.015	.010	.006	.005	.003	.002	

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:GUO
Test Date:2019-10-14

g Range: 0 - 90DEG
Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.0.402
Humidity:65.0%
Test Distance:3.160m [K=1.0000]
Remarks: LAMP:CLU028-1202C4-303H5M3-F1 Ra:90
LENS:PM-1035 10R+CLEAR GLASS
DRIVER:LP12W-48-C0250 250mA
30minutes warm-up

UGR(Unified Glare Rating) Table

Test:U:220.17V I:0.0490A P:10.373W PF:0.9583 Freq:49.99Hz Lamp Flux:1055.1x1 lm										
NAME: 1618.116					TYPE:			WEIGHT:		
SPEC.:3000K					DIM.:			SERIAL No.:191014003		
MFR.: RISE					SUR.:0.00151976m2			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	17.1	17.8	17.3	18.0	18.1	17.6	18.3	17.8	18.5	18.6
3H	17.0	17.7	17.3	17.9	18.1	17.5	18.2	17.7	18.4	18.6
4H	17.0	17.7	17.3	17.9	18.1	17.5	18.2	17.8	18.4	18.6
6H	17.0	17.7	17.3	17.9	18.1	17.5	18.1	17.8	18.4	18.6
8H	17.1	17.7	17.4	17.9	18.2	17.5	18.2	17.8	18.4	18.7
12H	17.2	17.7	17.5	18.0	18.3	17.6	18.2	17.9	18.5	18.7
4H 2H	16.9	17.6	17.2	17.8	18.0	17.4	18.0	17.6	18.3	18.5
3H	16.9	17.5	17.2	17.7	18.0	17.3	17.9	17.7	18.2	18.5
4H	16.9	17.4	17.2	17.7	18.0	17.4	17.9	17.7	18.2	18.5
6H	17.0	17.5	17.4	17.8	18.1	17.4	17.9	17.8	18.2	18.6
8H	17.1	17.5	17.5	17.9	18.2	17.5	18.0	17.9	18.3	18.7
12H	17.3	17.7	17.7	18.0	18.4	17.7	18.1	18.1	18.5	18.9
8H 4H	16.8	17.3	17.2	17.6	18.0	17.3	17.7	17.7	18.1	18.4
6H	17.0	17.4	17.4	17.8	18.2	17.4	17.8	17.9	18.2	18.6
8H	17.2	17.5	17.6	17.9	18.4	17.6	17.9	18.0	18.3	18.8
12H	17.5	17.8	18.0	18.2	18.7	17.9	18.2	18.4	18.6	19.1
12H 4H	16.8	17.2	17.2	17.6	18.0	17.2	17.6	17.6	18.0	18.4
6H	17.0	17.3	17.4	17.7	18.2	17.4	17.7	17.9	18.2	18.6
8H	17.2	17.5	17.7	17.9	18.4	17.6	17.9	18.1	18.3	18.8
Variations with the observer position at spacings:										
S = 1.0H	+ 2.4 / - 4.3					+ 2.6 / - 4.4				
1.5H	+ 4.6 / - 4.2					+ 4.8 / - 4.3				
2.0H	+ 3.4 / - 0.9					+ 4.0 / - 1.2				

CIE Pub.117, 1055 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 0.2$)

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:GUO
Test Date:2019-10-14

g Range: 0 - 90DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.0.402
Humidity:65.0%
Test Distance:3.160m [K=1.0000]
Remarks: LAMP:CLU028-1202C4-303H5M3-F1 Ra:90
LENS:PM-1035 10R+CLEAR GLASS
DRIVER:LP12W-48-C0250 250mA
30minutes warm-up

UTILIZATION FACTORS TABLE

Test:U:220.17V I:0.0490A P:10.373W PF:0.9583 Freq:49.99Hz Lamp Flux:1055.1x1 lm		
NAME: 1618.116	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:191014003
MFR.: RISE	SUR.:0.00151976m2	Shielding Angle:

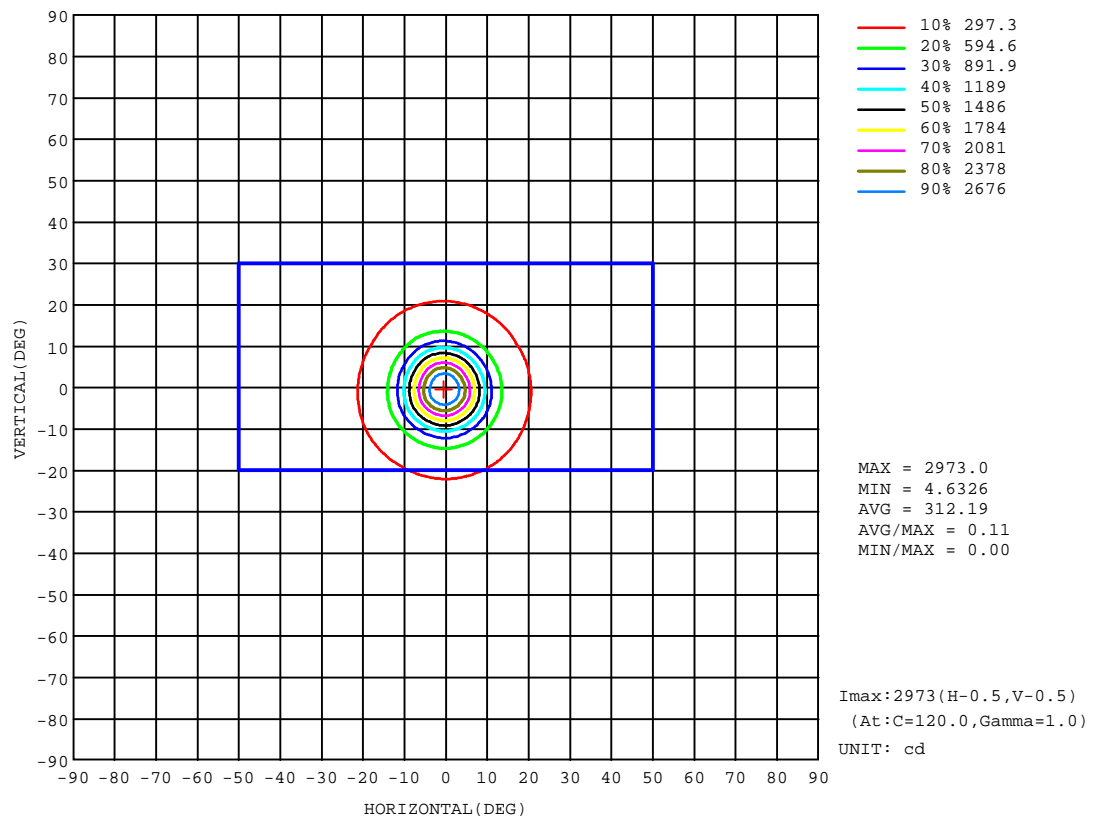
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	45	42	40	45	42	40	45	42	40	38
0.80	49	46	44	49	46	44	48	46	44	42
1.00	51	49	47	51	48	47	50	48	46	44
1.25	53	51	49	53	50	49	52	50	48	46
1.50	55	52	51	54	52	50	53	51	50	48
2.00	56	54	52	55	53	52	54	52	51	48
2.50	57	55	53	56	54	53	54	53	52	49
3.00	58	56	55	57	55	54	55	54	53	50
4.00	59	57	56	58	56	55	56	55	54	50
5.00	59	58	57	58	57	56	56	55	55	51
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:GUO
 Test Date:2019-10-14

g Range: 0 - 90DEG
 g Interval: 1.0DEG
 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.0.402
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 Remarks: LAMP:CLU028-1202C4-303H5M3-F1 Ra:90
 LENS:PM-1035 10R+CLEAR GLASS
 DRIVER:LP12W-48-C0250 250mA
 30minutes warm-up

ISOCANDELA DIAGRAM

Test:U:220.17V I:0.0490A P:10.373W PF:0.9583 Freq:49.99Hz Lamp Flux:1055.1x1 lm		
NAME: 1618.116	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:191014003
MFR.: RISE	SUR.:0.00151976m2	Shielding Angle:

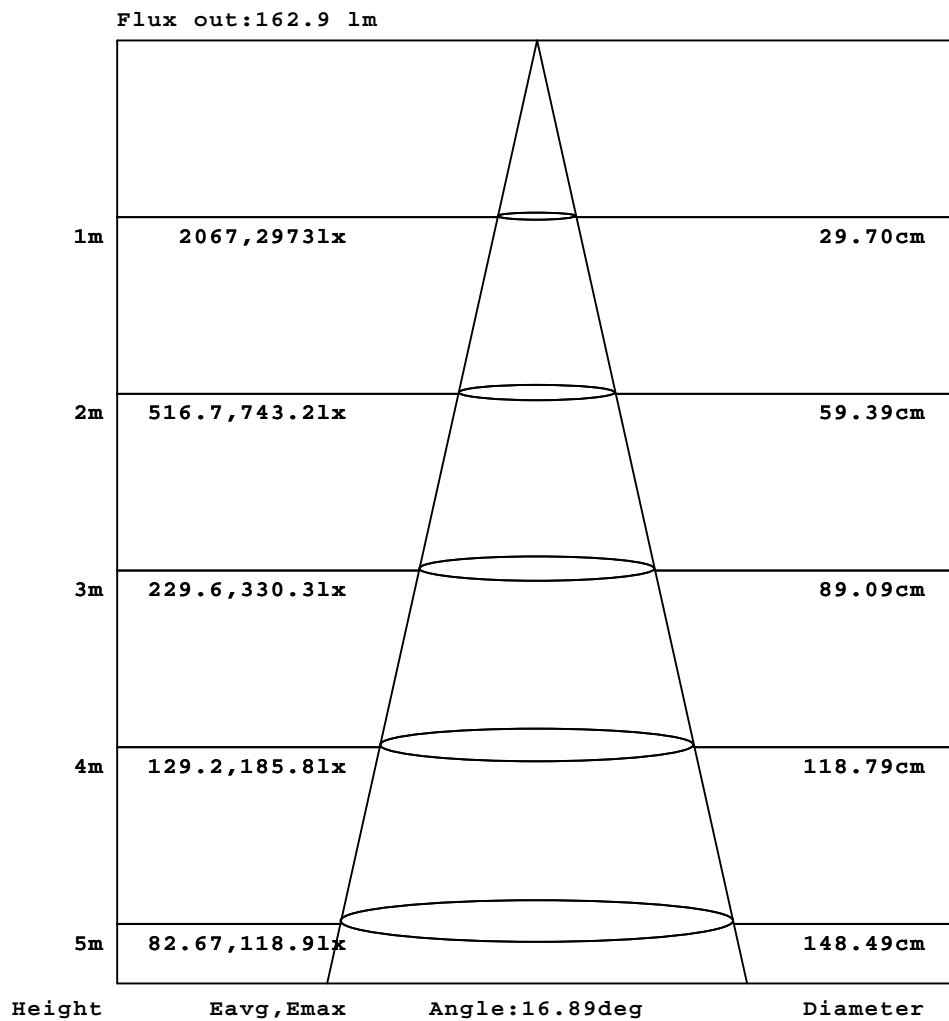


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:GUO
Test Date:2019-10-14

g Range: 0 - 90DEG
Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.0.402
Humidity:65.0%
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Remarks: LAMP:CLU028-1202C4-303H5M3-F1 Ra:90
LENS:PM-1035 10R+CLEAR GLASS
DRIVER:LP12W-48-C0250 250mA
30minutes warm-up

AAI Figure

Test:U:220.17V I:0.0490A P:10.373W PF:0.9583 Freq:49.99Hz Lamp Flux:1055.1x1 lm		
NAME: 1618.116	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:191014003
MFR.: RISE	SUR.:0.00151976m2	Shielding Angle:



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

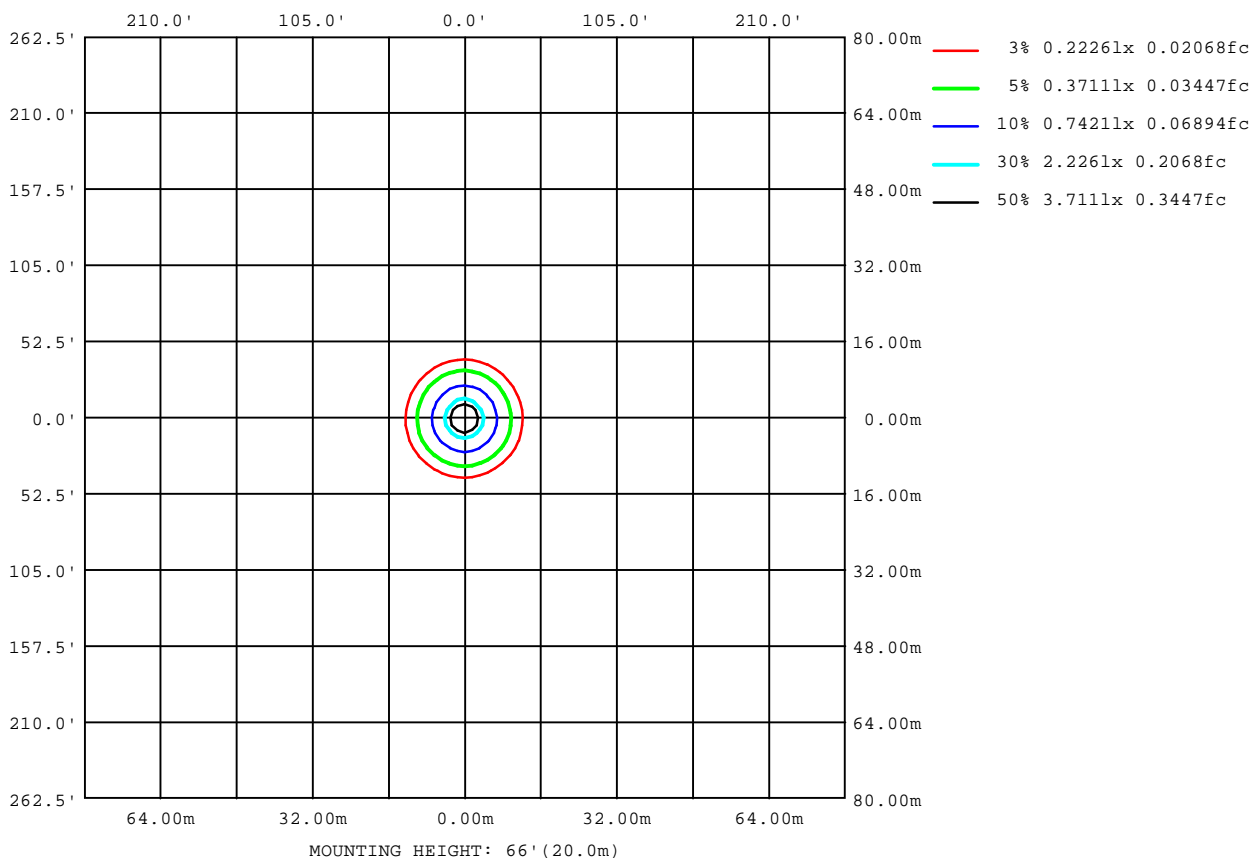
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:GUO
Test Date:2019-10-14

g Range: 0 - 90DEG
Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.0.402
Humidity:65.0%
Test Distance:3.160m [K=1.0000]
Remarks: LAMP:CLU028-1202C4-303H5M3-F1 Ra:90
LENS:PM-1035 10R+CLEAR GLASS
DRIVER:LP12W-48-C0250 250mA
30minutes warm-up



ISOLUX DIAGRAM

Test:U:220.17V I:0.0490A P:10.373W PF:0.9583 Freq:49.99Hz Lamp Flux:1055.1x1 lm		
NAME: 1618.116	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:191014003
MFR.: RISE	SUR.:0.00151976m2	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:GUO
Test Date:2019-10-14

g Range: 0 - 90DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.0.402
Humidity:65.0%
Test Distance:3.160m [K=1.0000]
Remarks: LAMP:CLU028-1202C4-303H5M3-F1 Ra:90
LENS:PM-1035 10R+CLEAR GLASS
DRIVER:LP12W-48-C0250 250mA
30minutes warm-up

LED Avg.L Report

Test:U:220.17V I:0.0490A P:10.373W PF:0.9583 Freq:49.99Hz Lamp Flux:1055.1x1 lm		
NAME: 1618.116	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:191014003
MFR.: RISE	SUR.:0.00151976m2	Shielding Angle:

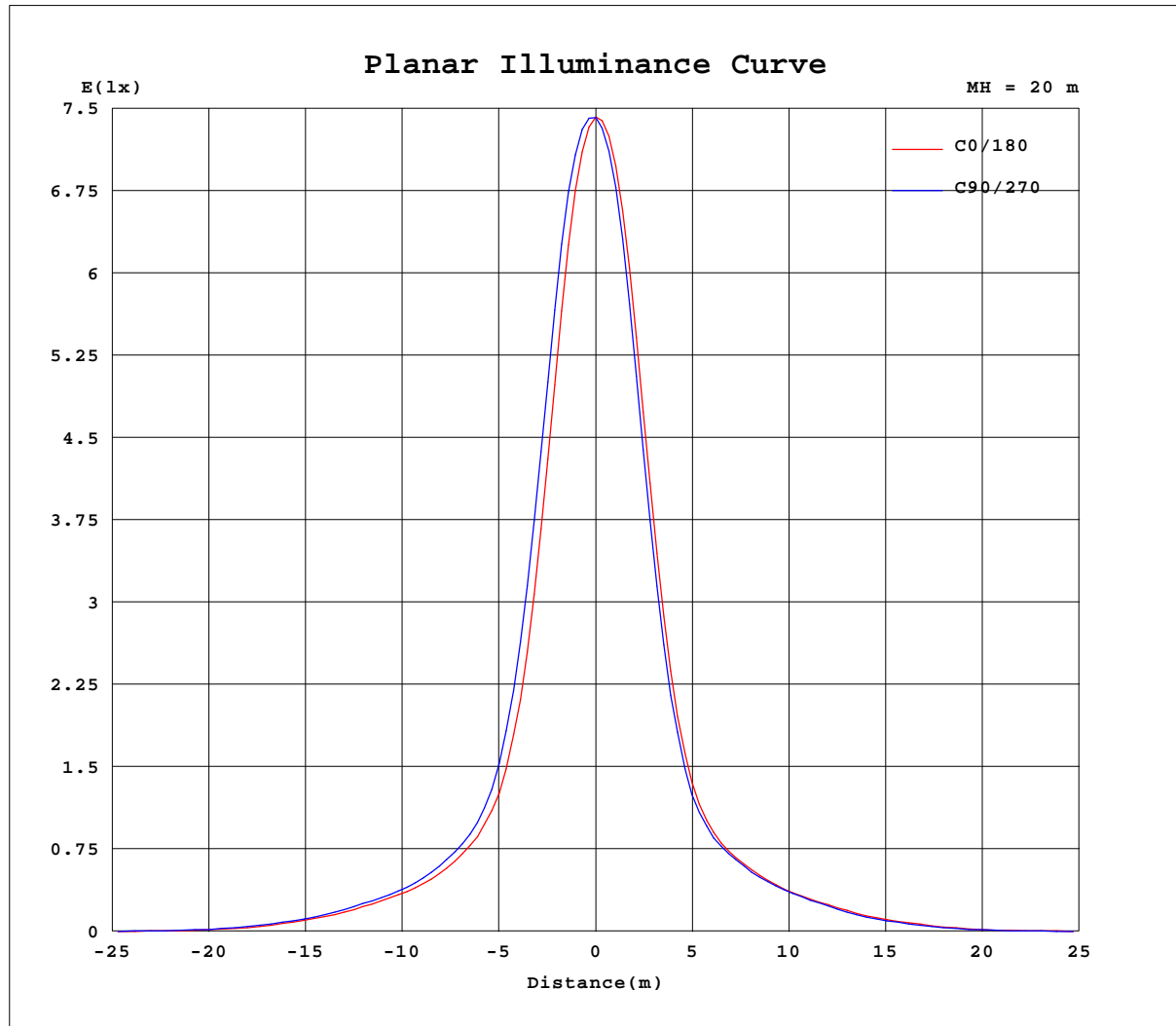
AvgL	cd/m2
L_0~180(65)av	4292
L_0~180(75)av	4308
L_0~180(85)av	10199
L_90~270(65)av	3967
L_90~270(75)av	4271
L_90~270(85)av	10298
L_45(65)av	4221
L_45(75)av	4291
L_45(85)av	10195

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:GUO
Test Date:2019-10-14

g Range: 0 - 90DEG
Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.0.402
Humidity:65.0%
Test Distance:3.160m [K=1.0000]
Remarks: LAMP:CLU028-1202C4-303H5M3-F1 Ra:90
LENS:PM-1035 10R+CLEAR GLASS
DRIVER:LP12W-48-C0250 250mA
30minutes warm-up

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: GUO
 Test Date: 2019-10-14

g Range: 0 - 90DEG
 g Interval: 1.0DEG
 Test System: EVERFINE GO-SPEX500_V1 SYSTEM V2.0.402
 Humidity: 65.0%
 Test Distance: 3.160m [K=1.0000]
 Remarks: LAMP: CLU028-1202C4-303H5M3-F1 Ra:90
 LENS: PM-1035 10R+CLEAR GLASS
 DRIVER: LP12W-48-C0250 250mA
 30minutes warm-up



LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.17V I:0.0490A P:10.373W PF:0.9583 Freq:49.99Hz Lamp Flux:1055.1xl 1m		
NAME: 1618.116	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:191014003
MFR.: RISE	SUR.:0.00151976m2	Shielding Angle:

Table--1

UNIT: cd

[illegible]

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: GUO
Test Date: 2019-10-14

```

Range: 0 - 90DEG
Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.0.402
Humidity:65.0%
Test Distance:3.160m [K=1.0000]
Remarks: LAMP:CLU028-1202C4-303H5M3-F1 Ra:90
          LENS:PM-1035 10R+CLEAR GLASS
          DRIVER:LP12W-48-C0250 250mA
          30minutes warm-up

```