

## Luminaire Photograph



Light Output Ratio:	73.2%	
Luminaire Power:	28.62 W	
SHR Nominal:	0.75	Calculated using the TM5
SHR Maximum:	0.75	fine grid method.

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3 °C  
Operators: zoe  
Test Date: 2024-9-20

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.461  
Humidity: 65.0%  
Test Distance: 3.160m [K=1.0000]  
Remarks: LAMP: CLU038-1205C4-303H5M3-F1 CRI: 90  
LENS: PM-1083B 36R  
DRIVER: BK-PBL040E-A1000AS 700mA  
30minutes warm-up

## LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

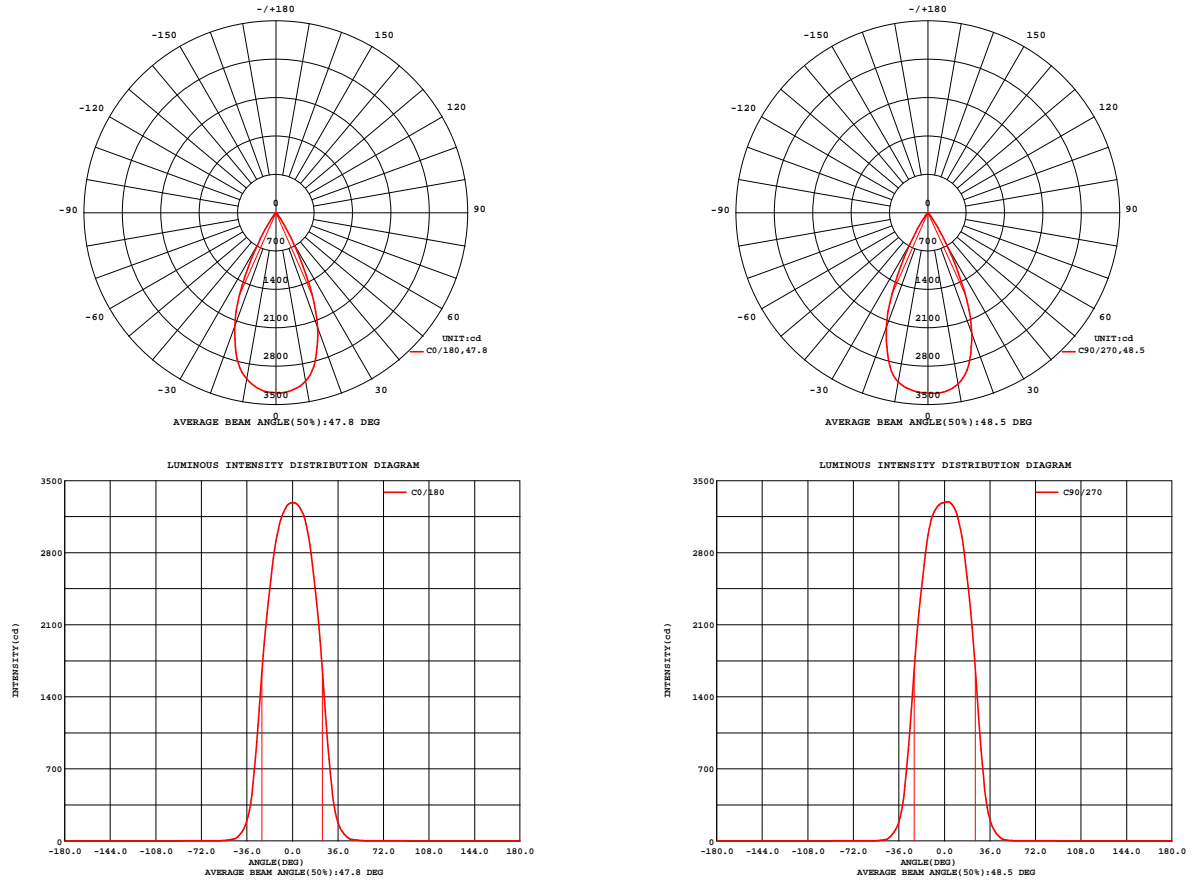


Fig. C0/C180

Fig. C90/C270

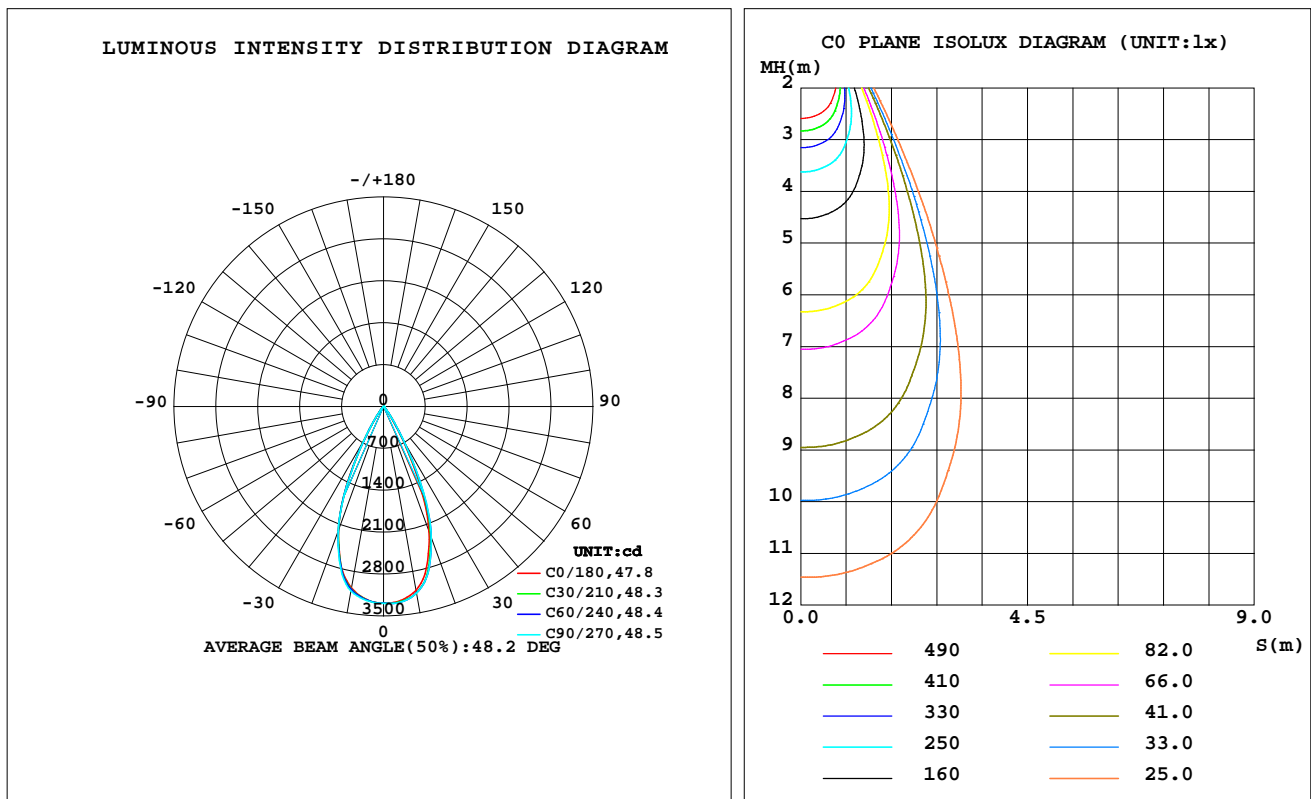
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3 °C  
Operators: zoe  
Test Date: 2024-9-20

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.461  
Humidity: 65.0%  
Test Distance: 3.160m [K=1.0000]  
Remarks: LAMP: CLU038-1205C4-303H5M3-F1 CRI: 90  
LENS: PM-1083B 36R  
DRIVER: BK-PBL040E-A1000AS 700mA  
30minutes warm-up

## LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.12V I:0.1331A P:28.618W PF:0.9749 Freq:49.99Hz Lamp Flux:2648.05x1 lm		
NAME: 2318.165-ACOT-72	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2409201204
MFR.: RISE	SUR.: 0.00607904m2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 67.70 lm/W			
MODEL	CITIZEN	Imax(cd)	3292	S/MH(C0/180)	0.71
NOMINAL POWER(W)	28	LOR(%)	73.2	S/MH(C90/270)	0.71
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	1937.5	$\eta$ UP,DN(C0-180)	0.0,37.2
NOMINAL FLUX(lm)	2648.05	CIE CLASS	DIRECT	$\eta$ UP,DN(C180-360)	0.0,35.9
LAMPS INSIDE	1	$\eta$ up(%)	0.0	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	220.7	$\eta$ down(%)	73.2	CIBSE SHR MAX	0.75



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2024-9-20

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.461  
Humidity:65.0%  
Test Distance:3.160m [K=1.0000]  
Remarks: LAMP:CLU038-1205C4-303H5M3-F1 CRI:90  
LENS:PM-1083B 36R  
DRIVER:BK-PBL040E-A1000AS 700mA  
30minutes warm-up

## ZONAL FLUX DIAGRAM

### ZONAL FLUX DIAGRAM:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum,lamp
10	3120	3166	3169	3104	3079	3103	3133	3120	0- 10	306.7	306.7	15.8,11.6
20	2225	2321	2340	2258	2206	2213	2226	2203	10- 20	767.9	1075	55.5,40.6
30	652.8	720.9	743.4	692.1	675.3	675.4	657.6	633.4	20- 30	658.9	1734	89.5,65.5
40	84.68	92.18	94.01	88.81	86.28	86.60	82.38	78.16	30- 40	174.6	1908	98.5,72.1
50	10.27	9.406	7.228	9.512	11.07	8.813	6.515	8.393	40- 50	24.39	1932	99.7,73
60	2.136	2.008	1.737	1.983	2.099	1.866	1.632	1.905	50- 60	3.655	1936	99.9,73.1
70	0.5053	0.3721	0.2745	0.3672	0.5009	0.3542	0.2627	0.3591	60- 70	1.024	1937	100,73.2
80	0.1627	0.1129	0.1094	0.1134	0.1520	0.1139	0.1082	0.1169	70- 80	0.2217	1937	100,73.2
90	0	0	0	0	0	0	0	0	80- 90	0.0657	1937	100,73.2
100	0	0	0	0	0	0	0	0	90-100	0	1937	100,73.2
110	0	0	0	0	0	0	0	0	100-110	0	1937	100,73.2
120	0	0	0	0	0	0	0	0	110-120	0	1937	100,73.2
130	0	0	0	0	0	0	0	0	120-130	0	1937	100,73.2
140	0	0	0	0	0	0	0	0	130-140	0	1937	100,73.2
150	0	0	0	0	0	0	0	0	140-150	0	1937	100,73.2
160	0	0	0	0	0	0	0	0	150-160	0	1937	100,73.2
170	0	0	0	0	0	0	0	0	160-170	0	1937	100,73.2
180	0	0	0	0	0	0	0	0	170-180	0	1937	100,73.2
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2024-9-20

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.461  
Humidity:65.0%  
Test Distance:3.160m [K=1.0000]  
Remarks: LAMP:CLU038-1205C4-303H5M3-F1 CRI:90  
LENS:PM-1083B 36R  
DRIVER:BK-PBL040E-A1000AS 700mA  
30minutes warm-up

### LUMINANCE LIMITATION CURVES

Test:U:220.12V I:0.1331A P:28.618W PF:0.9749 Freq:49.99Hz  
Lamp Flux:2648.05x1 lm

NAME: 2318.165-ACOT-72

TYPE:

WEIGHT:

SPEC.: 3000K

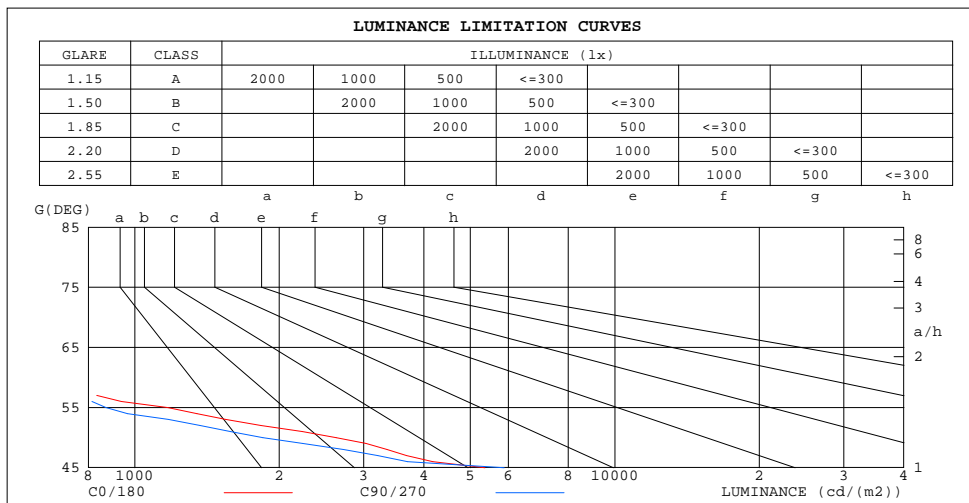
DIM.:

SERIAL No.: 2409201204

MFR.: RISE

SUR.: 0.00607904m2

Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	175	100
80	154	104
75	155	122
70	243	132
65	469	304
60	703	572
55	1172	871
50	2627	1850
45	5366	5879

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2024-9-20

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.461  
Humidity:65.0%  
Test Distance:3.160m [K=1.0000]  
Remarks: LAMP:CLU038-1205C4-303H5M3-F1 CRI:90  
LENS:PM-1083B 36R  
DRIVER:BK-PBL040E-A1000AS 700mA  
30minutes warm-up

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.12V I:0.1331A P:28.618W PF:0.9749 Freq:49.99Hz  
Lamp Flux:2648.05x1 lm

NAME: 2318.165-ACOT-72

TYPE:

WEIGHT:

SPEC.: 3000K

DIM.:

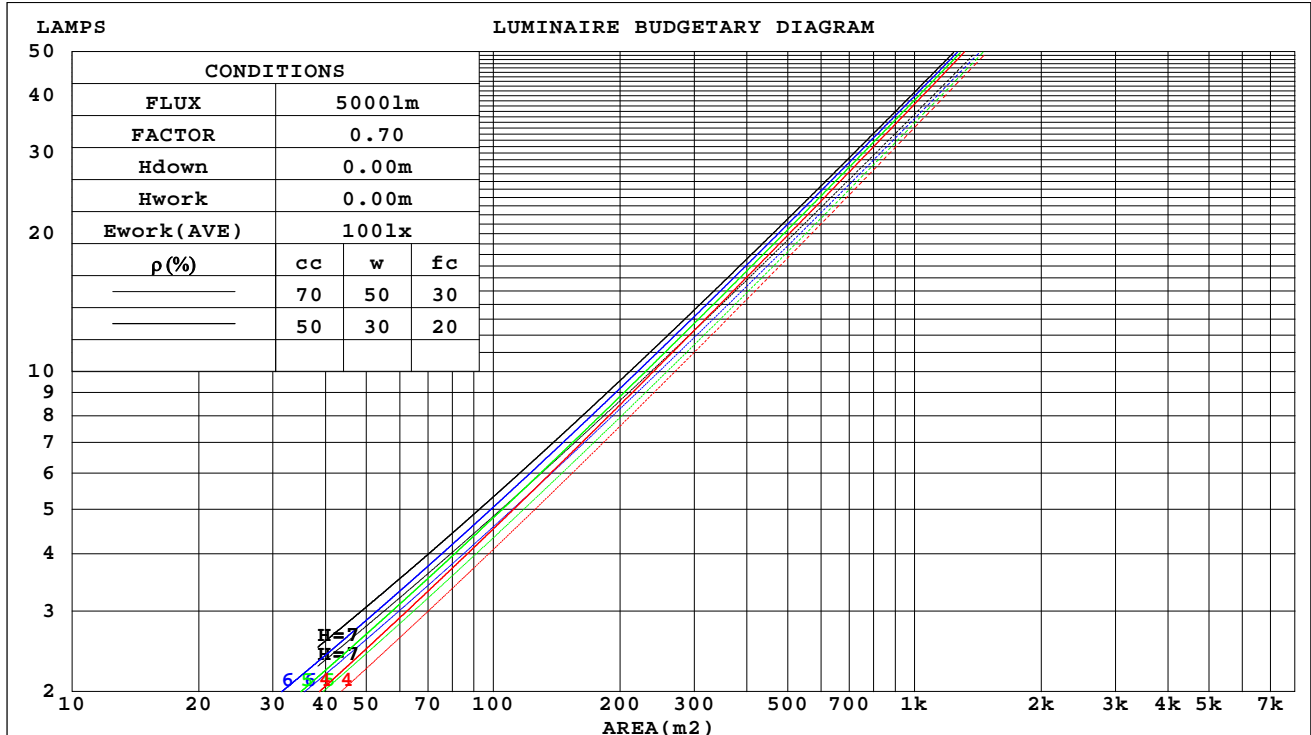
SERIAL No.: 2409201204

MFR.: RISE

SUR.: 0.00607904m2

Shielding 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															





## WEC AND CCEC

Test:U:220.12V I:0.1331A P:28.618W PF:0.9749 Freq:49.99Hz Lamp Flux:2648.05x1 lm		
NAME: 2318.165-ACOT-72	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2409201204
MFR.: RISE	SUR.: 0.00607904m2	Shielding 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						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.115	.066	.021	.111	.063	.020	.101	.058	.019	.093	.054	.017	.085	.049	.016	
2.0	.109	.060	.018	.105	.058	.018	.097	.054	.017	.090	.051	.016	.084	.047	.015	
3.0	.103	.055	.016	.100	.053	.016	.093	.051	.015	.087	.048	.015	.082	.045	.014	
4.0	.098	.051	.015	.095	.050	.015	.089	.047	.014	.084	.045	.014	.080	.043	.013	
5.0	.093	.047	.014	.091	.047	.014	.086	.045	.013	.081	.043	.013	.077	.041	.012	
6.0	.089	.045	.013	.087	.044	.013	.083	.042	.012	.079	.041	.012	.075	.040	.012	
7.0	.085	.042	.012	.083	.041	.012	.079	.040	.012	.076	.039	.011	.073	.038	.011	
8.0	.082	.040	.011	.080	.039	.011	.077	.038	.011	.074	.037	.011	.071	.036	.011	
9.0	.078	.038	.011	.077	.037	.011	.074	.037	.010	.071	.036	.010	.069	.035	.010	
10.0	.075	.036	.010	.074	.036	.010	.071	.035	.010	.069	.034	.010	.067	.034	.010	

$\rho_{cc}$	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			Ceiling Cavity Exitance Coefficients(CCEC)												
0.0	.139	.139	.139	.119	.119	.119	.081	.081	.081	.047	.047	.047	.015	.015	.015	
1.0	.124	.115	.107	.106	.099	.092	.073	.068	.064	.042	.039	.037	.013	.013	.012	
2.0	.112	.097	.084	.096	.084	.073	.066	.058	.051	.038	.034	.030	.012	.011	.010	
3.0	.102	.083	.068	.088	.072	.059	.060	.050	.041	.035	.029	.024	.011	.009	.008	
4.0	.094	.072	.055	.081	.062	.048	.055	.043	.034	.032	.025	.020	.010	.008	.007	
5.0	.087	.063	.046	.075	.055	.040	.051	.038	.028	.030	.022	.017	.010	.007	.005	
6.0	.081	.056	.038	.070	.049	.033	.048	.034	.024	.028	.020	.014	.009	.007	.005	
7.0	.076	.051	.033	.066	.044	.028	.045	.031	.020	.026	.018	.012	.009	.006	.004	
8.0	.072	.046	.028	.062	.040	.024	.043	.028	.017	.025	.016	.010	.008	.005	.003	
9.0	.068	.042	.024	.059	.036	.021	.041	.026	.015	.024	.015	.009	.008	.005	.003	
10.0	.065	.039	.021	.056	.034	.019	.039	.024	.013	.023	.014	.008	.007	.005	.003	

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2024-9-20

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.461  
Humidity:65.0%  
Test Distance:3.160m [K=1.0000]  
Remarks: LAMP:CLU038-1205C4-303H5M3-F1 CRI:90  
LENS:PM-1083B 36R  
DRIVER:BK-PBL040E-A1000AS 700mA  
30minutes warm-up

## UGR(Unified Glare Rating) Table

Test:U:220.12V I:0.1331A P:28.618W PF:0.9749 Freq:49.99Hz Lamp Flux:2648.05x1 lm										
NAME: 2318.165-ACOT-72					TYPE:			WEIGHT:		
SPEC.: 3000K					DIM.:			SERIAL No.: 2409201204		
MFR.: RISE					SUR.: 0.00607904m2			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	10.7	11.5	10.9	11.7	11.8	11.3	12.1	11.5	12.3	12.4
3H	10.6	11.3	10.8	11.5	11.7	11.1	11.9	11.4	12.1	12.3
4H	10.5	11.2	10.7	11.4	11.6	11.0	11.7	11.3	12.0	12.2
6H	10.4	11.1	10.7	11.3	11.5	11.0	11.6	11.2	11.9	12.1
8H	10.3	11.0	10.6	11.2	11.5	10.9	11.5	11.2	11.8	12.1
12H	10.3	10.9	10.6	11.2	11.4	10.9	11.5	11.2	11.7	12.0
4H 2H	10.5	11.2	10.7	11.4	11.6	11.0	11.7	11.3	12.0	12.2
3H	10.3	10.9	10.6	11.2	11.5	10.9	11.5	11.2	11.7	12.0
4H	10.2	10.8	10.6	11.1	11.4	10.8	11.3	11.1	11.6	11.9
6H	10.1	10.6	10.5	10.9	11.3	10.7	11.2	11.0	11.5	11.8
8H	10.1	10.5	10.4	10.9	11.2	10.6	11.1	11.0	11.4	11.8
12H	10.0	10.4	10.4	10.8	11.2	10.6	11.0	11.0	11.4	11.7
8H 4H	10.1	10.5	10.4	10.9	11.2	10.6	11.1	11.0	11.4	11.8
6H	10.0	10.3	10.4	10.7	11.1	10.5	10.9	10.9	11.3	11.7
8H	9.9	10.2	10.3	10.6	11.1	10.5	10.8	10.9	11.2	11.6
12H	9.8	10.1	10.3	10.6	11.0	10.4	10.7	10.9	11.1	11.6
12H 4H	10.0	10.4	10.4	10.8	11.2	10.6	11.0	11.0	11.4	11.7
6H	9.9	10.2	10.3	10.6	11.1	10.5	10.8	10.9	11.2	11.6
8H	9.8	10.1	10.3	10.6	11.0	10.4	10.7	10.9	11.1	11.6
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 3.8 / -15.5					+ 4.0 / -17.1				
1.5H	+ 6.3 / -13.0					+ 6.7 / -14.6				
2.0H	+ 6.4 / - 6.8					+ 7.8 / - 7.8				

CIE Pub.117, 2648 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 3.4)  
Area: 0.00607904 m2

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2024-9-20

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.461  
Humidity:65.0%  
Test Distance:3.160m [K=1.0000]  
Remarks: LAMP:CLU038-1205C4-303H5M3-F1 CRI:90  
LENS:PM-1083B 36R  
DRIVER:BK-PBL040E-A1000AS 700mA  
30minutes warm-up



### UTILIZATION FACTORS TABLE

Test:U:220.12V I:0.1331A P:28.618W PF:0.9749 Freq:49.99Hz Lamp Flux:2648.05x1 lm		
NAME: 2318.165-ACOT-72	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2409201204
MFR.: RISE	SUR.: 0.00607904m2	Shielding Angle:

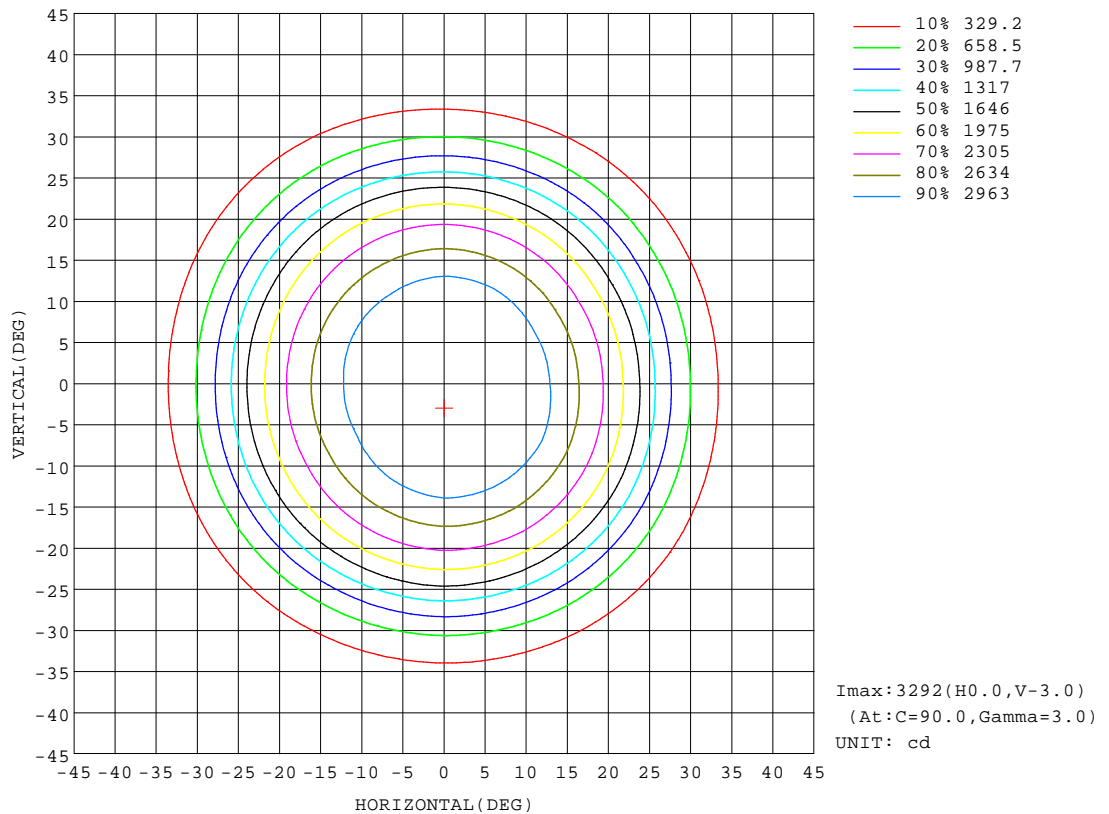
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	66	62	60	66	62	60	65	62	59	57
0.80	71	68	65	71	67	65	70	67	65	62
1.00	74	71	68	74	70	68	73	70	68	65
1.25	77	73	71	76	73	71	75	72	70	67
1.50	79	76	73	78	75	73	76	74	72	69
2.00	80	78	75	79	77	75	77	75	74	70
2.50	81	79	77	80	78	76	78	76	75	71
3.00	82	80	78	81	79	77	79	77	76	71
4.00	84	82	80	82	81	79	80	78	77	72
5.00	85	83	82	83	82	81	80	79	79	73
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:25.3℃  
Operators:zoe  
Test Date:2024-9-20

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.461  
Humidity:65.0%  
Test Distance:3.160m [K=1.0000]  
Remarks: LAMP:CLU038-1205C4-303H5M3-F1 CRI:90  
LENS:PM-1083B 36R  
DRIVER:BK-PBL040E-A1000AS 700mA  
30minutes warm-up

## ISOCANDELA DIAGRAM

Test:U:220.12V I:0.1331A P:28.618W PF:0.9749 Freq:49.99Hz Lamp Flux:2648.05x1 lm		
NAME: 2318.165-ACOT-72	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2409201204
MFR.: RISE	SUR.: 0.00607904m2	Shielding Angle:

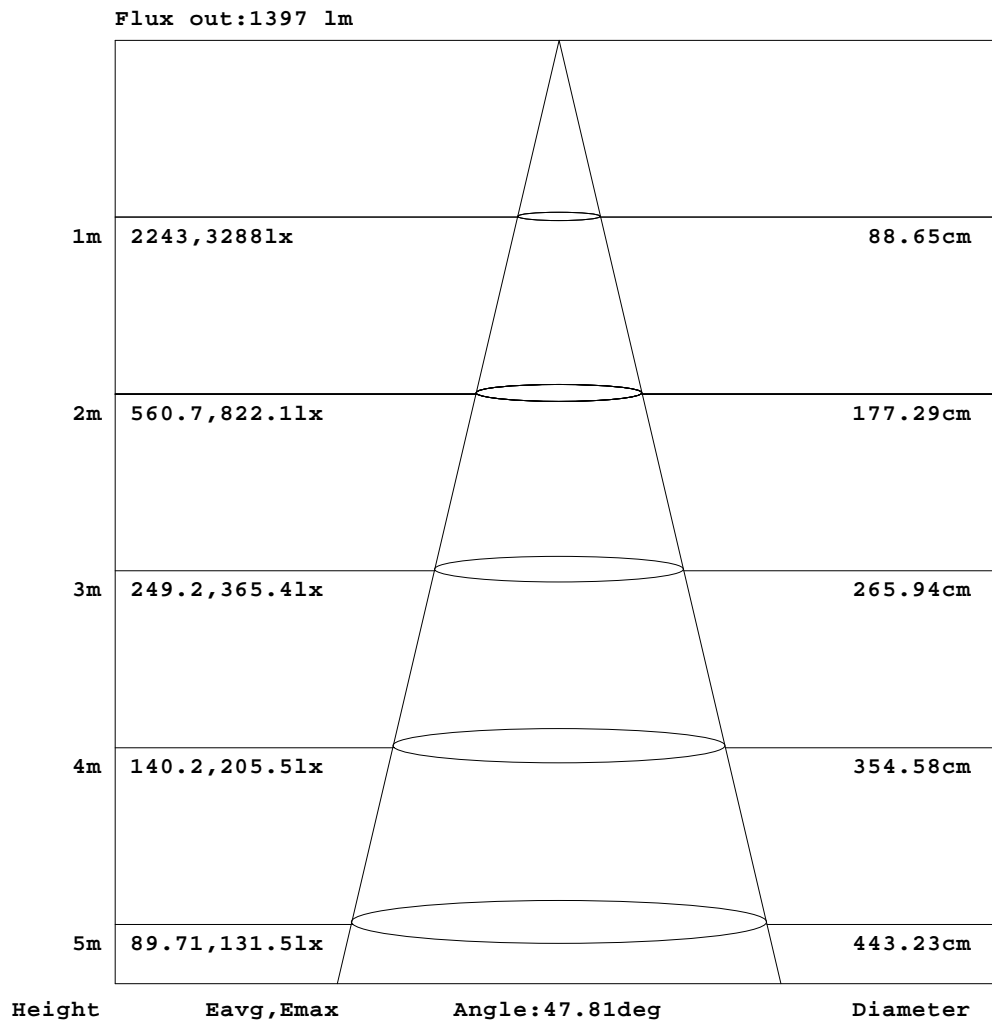


C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators: zoe  
Test Date: 2024-9-20

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.461  
Humidity: 65.0%  
Test Distance: 3.160m [K=1.0000]  
Remarks: LAMP: CLU038-1205C4-303H5M3-F1 CRI: 90  
LENS: PM-1083B 36R  
DRIVER: BK-PBL040E-A1000AS 700mA  
30minutes warm-up

## AAI Figure

Test:U:220.12V I:0.1331A P:28.618W PF:0.9749 Freq:49.99Hz Lamp Flux:2648.05x1 lm		
NAME: 2318.165-ACOT-72	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2409201204
MFR.: RISE	SUR.: 0.00607904m2	Shielding Angle:



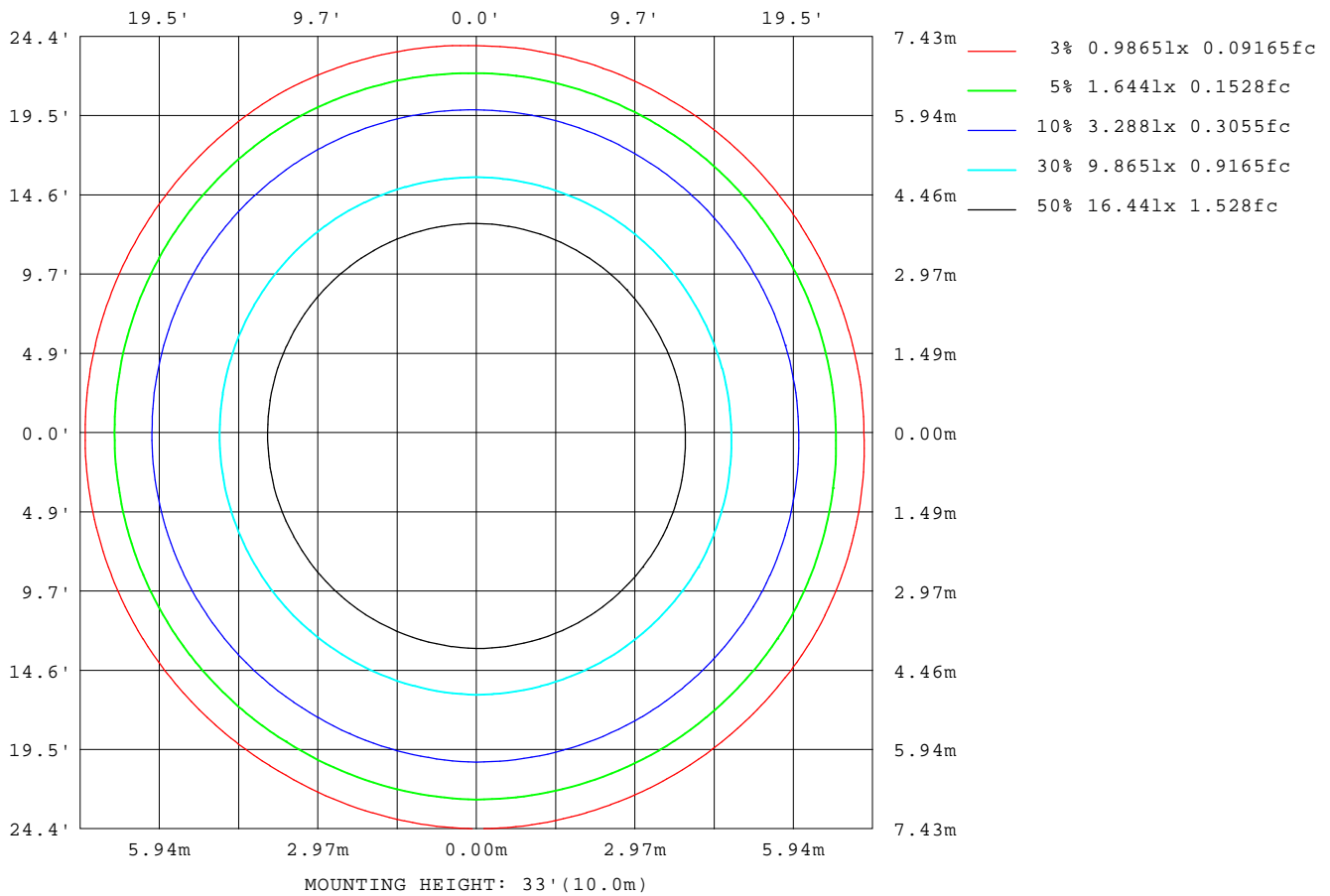
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3 °C  
Operators: zoe  
Test Date: 2024-9-20

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.461  
Humidity: 65.0%  
Test Distance: 3.160m [K=1.0000]  
Remarks: LAMP: CLU038-1205C4-303H5M3-F1 CRI: 90  
LENS: PM-1083B 36R  
DRIVER: BK-PBL040E-A1000AS 700mA  
30minutes warm-up

## ISOLUX DIAGRAM

Test:U:220.12V I:0.1331A P:28.618W PF:0.9749 Freq:49.99Hz Lamp Flux:2648.05x1 lm		
NAME: 2318.165-ACOT-72	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2409201204
MFR.: RISE	SUR.: 0.00607904m2	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3 °C  
Operators: zoe  
Test Date: 2024-9-20

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.461  
Humidity: 65.0%  
Test Distance: 3.160m [K=1.0000]  
Remarks: LAMP: CLU038-1205C4-303H5M3-F1 CRI: 90  
LENS: PM-1083B 36R  
DRIVER: BK-PBL040E-A1000AS 700mA  
30minutes warm-up

### LED Avg.L Report

Test:U:220.12V I:0.1331A P:28.618W PF:0.9749 Freq:49.99Hz Lamp Flux:2648.05x1 lm		
NAME: 2318.165-ACOT-72	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2409201204
MFR.: RISE	SUR.: 0.00607904m2	Shielding Angle:

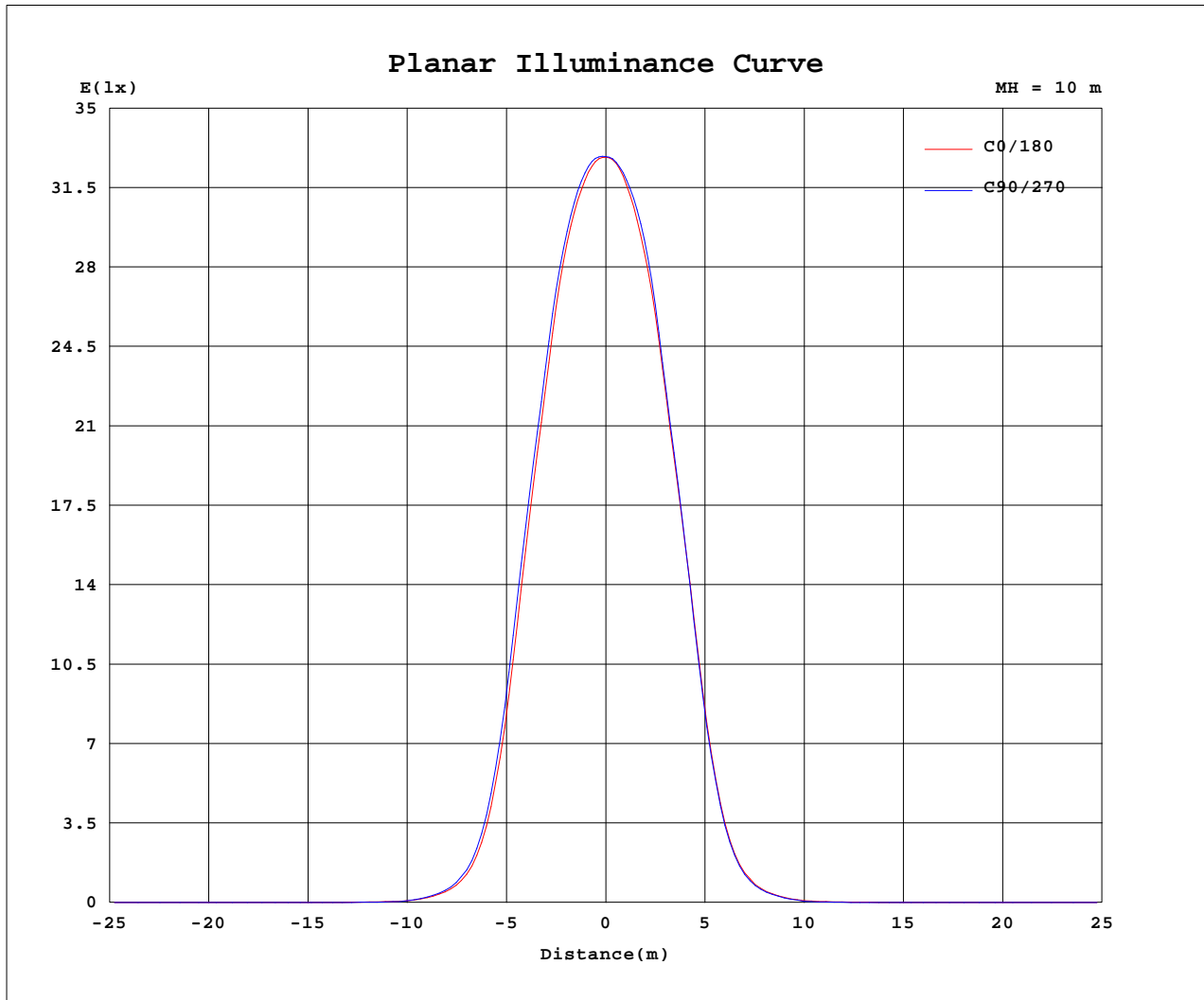
AvgL	cd/m2
L_0~180(65)av	466
L_0~180(75)av	150
L_0~180(85)av	170
L_90~270(65)av	296
L_90~270(75)av	119
L_90~270(85)av	102
L_45(65)av	390
L_45(75)av	121
L_45(85)av	84

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2024-9-20

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.461  
Humidity:65.0%  
Test Distance:3.160m [K=1.0000]  
Remarks: LAMP:CLU038-1205C4-303H5M3-F1 CRI:90  
LENS:PM-1083B 36R  
DRIVER:BK-PBL040E-A1000AS 700mA  
30minutes warm-up

## Planar Illuminance Curve



C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3 °C  
 Operators: zoe  
 Test Date: 2024-9-20

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.461  
 Humidity: 65.0%  
 Test Distance: 3.160m [K=1.0000]  
 Remarks: LAMP: CLU038-1205C4-303H5M3-F1 CRI: 90  
 LENS: PM-1083B 36R  
 DRIVER: BK-PBL040E-A1000AS 700mA  
 30minutes warm-up



## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.12V I:0.1331A P:28.618W PF:0.9749 Freq:49.99Hz Lamp Flux:2648.05x1 lm		
NAME: 2318.165-ACOT-72	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2409201204
MFR.: RISE	SUR.: 0.00607904m2	Shielding Angle:

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	3284	3284	3285	3287	3287	3288	3284	3284	3285	3287	3287	3288						
5	3254	3272	3282	3281	3267	3248	3238	3240	3245	3253	3253	3250						
10	3120	3165	3167	3169	3128	3081	3079	3099	3108	3133	3131	3108						
15	2785	2860	2878	2880	2828	2767	2751	2762	2766	2786	2780	2761						
20	2225	2301	2341	2340	2286	2229	2206	2208	2217	2226	2210	2196						
25	1438	1527	1561	1581	1525	1493	1468	1458	1455	1443	1426	1405						
30	653	709	733	743	697	687	675	678	673	658	638	629						
35	229	253	262	263	246	243	239	241	242	227	224	218						
40	84.7	90.2	94.1	94.0	90.4	87.2	86.3	86.7	86.5	82.4	77.8	78.6						
45	23.1	24.7	23.4	25.3	23.8	25.4	24.6	22.9	23.7	18.5	21.9	20.6						
50	10.3	10.5	8.32	7.23	8.10	10.9	11.1	10.1	7.53	6.52	7.60	9.19						
55	4.09	3.89	3.15	3.04	3.08	4.00	4.06	3.91	2.79	2.70	2.91	3.78						
60	2.14	2.15	1.86	1.74	1.84	2.12	2.10	1.99	1.74	1.63	1.78	2.03						
65	1.20	1.18	0.86	0.78	0.87	1.17	1.19	1.11	0.82	0.74	0.86	1.13						
70	0.51	0.47	0.27	0.27	0.26	0.47	0.50	0.45	0.26	0.26	0.26	0.45						
75	0.24	0.21	0.19	0.19	0.18	0.20	0.23	0.20	0.18	0.18	0.18	0.21						
80	0.16	0.12	0.10	0.11	0.10	0.12	0.15	0.12	0.11	0.11	0.11	0.13						
85	0.09	0.05	0.05	0.05	0.03	0.05	0.09	0.06	0.04	0.05	0.04	0.06						
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  
Temperature:25.3℃  
Operators:zoe  
Test Date:2024-9-20

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.461  
Humidity:65.0%  
Test Distance:3.160m [K=1.0000]  
Remarks: LAMP:CLU038-1205C4-303H5M3-F1 CRI:90  
LENS:PM-1083B 36R  
DRIVER:BK-PBL040E-A1000AS 700mA  
30minutes warm-up