

### Luminaire Photograph



Light Output Ratio:	61.3%	
Luminaire Power:	14.74 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: DICK  
Test Date: 2023-04-28

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: BXRE-30H1000-A-83 Ra: 97  
LENS: HLTJ0028I HL-52 54R  
DRIVER: PRO-UA420-W 350mA  
30minutes warm-up

## LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

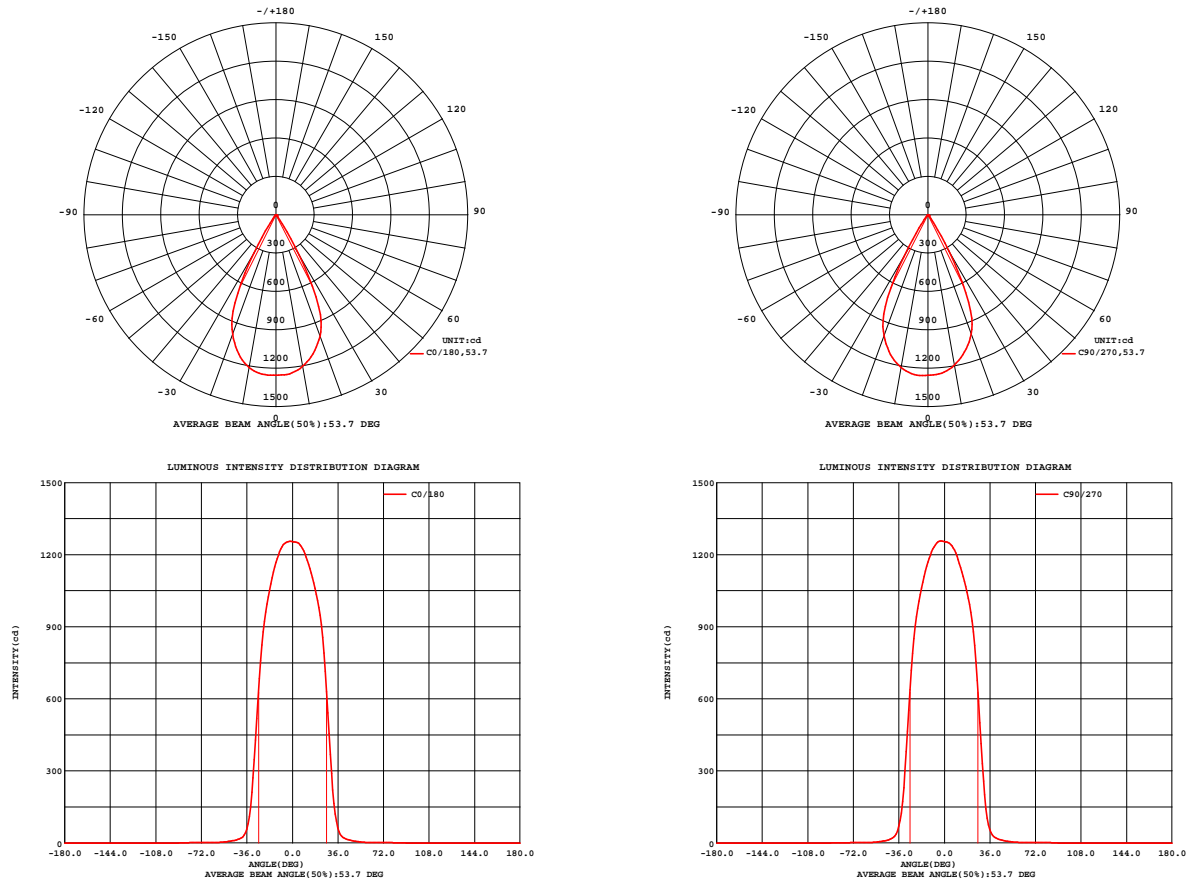


Fig. C0/C180

Fig. C90/C270

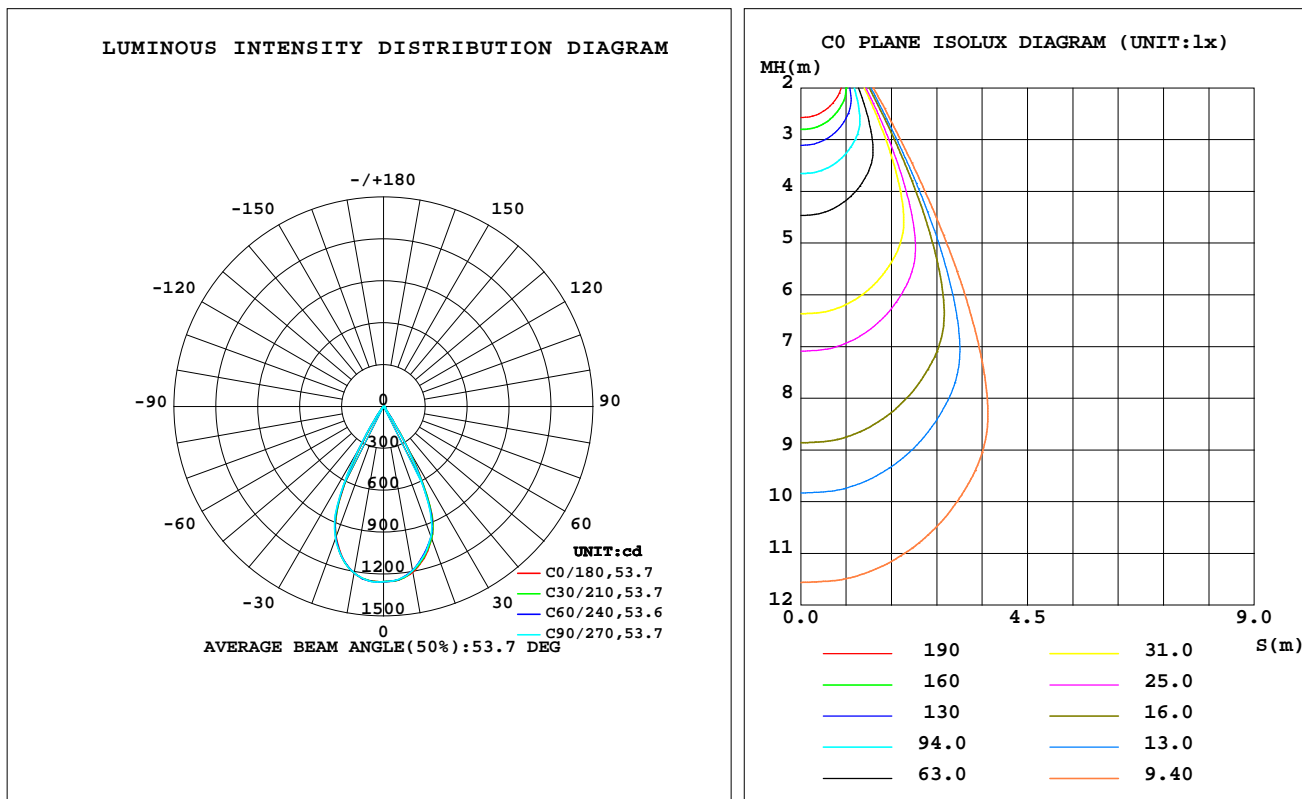
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3 °C  
Operators: DICK  
Test Date: 2023-04-28

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: BXRE-30H1000-A-83 Ra: 97  
LENS: HLTJ0028I HL-52 54R  
DRIVER: PRO-UA420-W 350mA  
30minutes warm-up

## LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.17V I:0.0698A P:14.738W PF:0.9557 Freq:49.99Hz Lamp Flux:1388.7x1 lm		
NAME: 2319.210Z-UA	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2304280531
MFR.: RISE	SUR.: 0.002374625m2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 57.77 lm/W			
MODEL	BRIDGELUX	I <sub>max</sub> (cd)	1257	S/MH(C0/180)	0.77
NOMINAL POWER(W)	15	LOR(%)	61.3	S/MH(C90/270)	0.78
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	851.46	η UP,DN(C0-180)	0.0,30.3
NOMINAL FLUX(lm)	1388.7	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,31.0
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	220	η down(%)	61.3	CIBSE SHR MAX	0.75



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:DICK  
Test Date:2023-04-28

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:BXRE-30H1000-A-83 Ra:97  
LENS: HLTJ0028I HL-52 54R  
DRIVER:PRO-UA420-W 350mA  
30minutes warm-up

## ZONAL FLUX DIAGRAM

### ZONAL FLUX DIAGRAM:

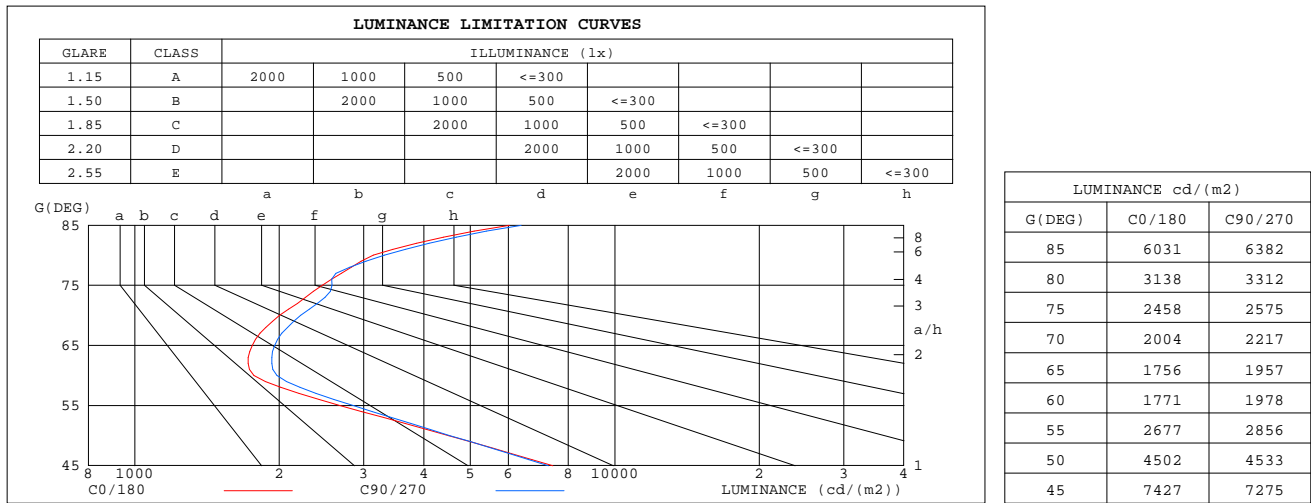
$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum,lamp
10	1203	1194	1194	1198	1212	1211	1211	1211	0- 10	117.7	117.7	13.8,8.48
20	1009	999.7	992.6	981.5	993.9	1000	1006	1012	10- 20	312.8	430.5	50.6,31
30	367.7	352.0	330.2	323.4	346.5	359.9	380.0	391.7	20- 30	331.2	761.7	89.5,54.8
40	23.77	24.78	23.28	20.98	21.96	23.34	24.35	23.97	30- 40	72.04	833.7	97.9,60
50	6.857	7.836	6.922	6.003	6.731	6.484	6.248	6.562	40- 50	9.831	843.6	99.1,60.7
60	2.099	2.491	2.349	2.075	2.127	1.968	1.945	2.102	50- 60	3.463	847.0	99.5,61
70	1.624	1.673	1.801	1.644	1.545	1.578	1.457	1.543	60- 70	1.796	848.8	99.7,61.1
80	1.291	1.337	1.366	1.364	1.336	1.268	1.214	1.233	70- 80	1.532	850.3	99.9,61.2
90	0	0	0	0	0	0	0	0	80- 90	1.116	851.5	100,61.3
100	0	0	0	0	0	0	0	0	90-100	0	851.5	100,61.3
110	0	0	0	0	0	0	0	0	100-110	0	851.5	100,61.3
120	0	0	0	0	0	0	0	0	110-120	0	851.5	100,61.3
130	0	0	0	0	0	0	0	0	120-130	0	851.5	100,61.3
140	0	0	0	0	0	0	0	0	130-140	0	851.5	100,61.3
150	0	0	0	0	0	0	0	0	140-150	0	851.5	100,61.3
160	0	0	0	0	0	0	0	0	150-160	0	851.5	100,61.3
170	0	0	0	0	0	0	0	0	160-170	0	851.5	100,61.3
180	0	0	0	0	0	0	0	0	170-180	0	851.5	100,61.3
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:DICK  
Test Date:2023-04-28

$\gamma$  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:BXRE-30H1000-A-83 Ra:97  
LENS: HLTJ0028I HL-52 54R  
DRIVER:PRO-UA420-W 350mA  
30minutes warm-up

## LUMINANCE LIMITATION CURVES

Test:U:220.17V I:0.0698A P:14.738W PF:0.9557 Freq:49.99Hz Lamp Flux:1388.7x1 lm		
NAME: 2319.210Z-UA	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2304280531
MFR.: RISE	SUR.: 0.002374625m2	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:DICK  
Test Date:2023-04-28

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:BXRE-30H1000-A-83 Ra:97  
LENS: HLTJ0028I HL-52 54R  
DRIVER:PRO-UA420-W 350mA  
30minutes warm-up

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.17V I:0.0698A P:14.738W PF:0.9557 Freq:49.99Hz  
Lamp Flux:1388.7x1 lm

NAME: 2319.210Z-UA

TYPE:

WEIGHT:

SPEC.: 3000K

DIM.:

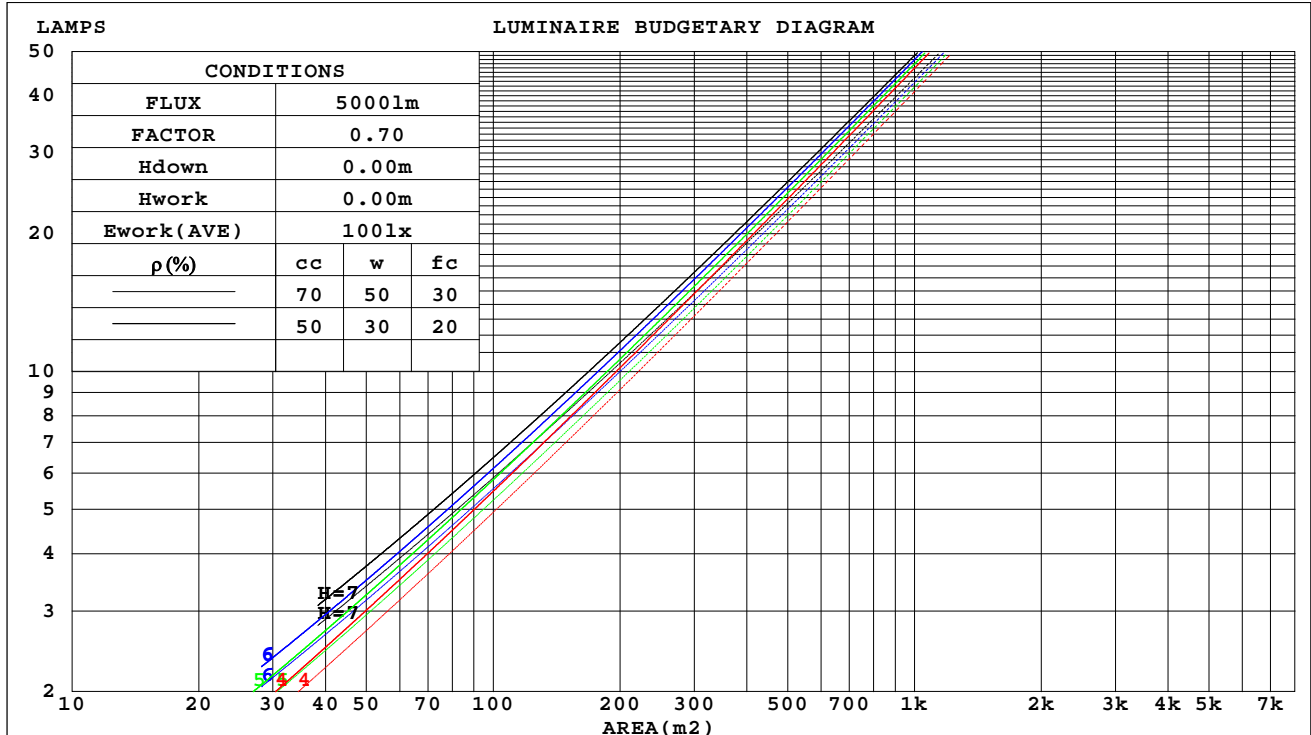
SERIAL No.: 2304280531

MFR.: RISE

SUR.: 0.002374625m2

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															



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:DICK  
Test Date:2023-04-28

$\gamma$  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:BXRE-30H1000-A-83 Ra:97  
LENS: HLTJ0028I HL-52 54R  
DRIVER:PRO-UA420-W 350mA  
30minutes warm-up

## WEC AND CCEC

Test:U:220.17V I:0.0698A P:14.738W PF:0.9557 Freq:49.99Hz Lamp Flux:1388.7x1 lm		
NAME: 2319.210Z-UA	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2304280531
MFR.: RISE	SUR.: 0.002374625m2	Shielding 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	.100	.057	.018	.096	.055	.017	.088	.051	.016	.081	.047	.015	.075	.043	.014	
2.0	.094	.052	.016	.091	.050	.015	.085	.047	.015	.079	.044	.014	.073	.041	.013	
3.0	.089	.047	.014	.086	.046	.014	.081	.044	.013	.076	.042	.013	.071	.039	.012	
4.0	.085	.044	.013	.082	.043	.013	.077	.041	.012	.073	.039	.012	.069	.038	.011	
5.0	.080	.041	.012	.078	.040	.012	.074	.039	.011	.071	.037	.011	.067	.036	.011	
6.0	.077	.038	.011	.075	.038	.011	.071	.037	.011	.068	.035	.010	.065	.034	.010	
7.0	.073	.036	.010	.072	.036	.010	.069	.035	.010	.066	.034	.010	.063	.033	.010	
8.0	.070	.034	.010	.069	.034	.010	.066	.033	.009	.064	.032	.009	.061	.031	.009	
9.0	.068	.033	.009	.066	.032	.009	.064	.032	.009	.062	.031	.009	.059	.030	.009	
10.0	.065	.031	.009	.064	.031	.009	.062	.030	.009	.060	.030	.008	.058	.029	.008	

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	.117	.117	.117	.100	.100	.100	.068	.068	.068	.039	.039	.039	.013	.013	.013	
1.0	.104	.097	.089	.089	.083	.077	.061	.057	.053	.035	.033	.031	.011	.011	.010	
2.0	.094	.081	.070	.081	.070	.061	.055	.048	.042	.032	.028	.025	.010	.009	.008	
3.0	.086	.070	.056	.074	.060	.049	.051	.042	.034	.029	.024	.020	.009	.008	.007	
4.0	.079	.060	.046	.068	.052	.040	.047	.036	.028	.027	.021	.017	.009	.007	.005	
5.0	.074	.053	.038	.063	.046	.033	.044	.032	.023	.025	.019	.014	.008	.006	.005	
6.0	.069	.047	.032	.059	.041	.028	.041	.029	.020	.024	.017	.012	.008	.006	.004	
7.0	.065	.043	.027	.056	.037	.024	.038	.026	.017	.022	.015	.010	.007	.005	.003	
8.0	.061	.039	.023	.053	.033	.020	.036	.024	.014	.021	.014	.009	.007	.005	.003	
9.0	.058	.035	.020	.050	.031	.017	.035	.022	.012	.020	.013	.007	.007	.004	.002	
10.0	.055	.033	.018	.048	.028	.015	.033	.020	.011	.019	.012	.006	.006	.004	.002	

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:DICK  
Test Date:2023-04-28

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:BXRE-30H1000-A-83 Ra:97  
LENS: HLTJ0028I HL-52 54R  
DRIVER:PRO-UA420-W 350mA  
30minutes warm-up

## UGR(Unified Glare Rating) Table

Test:U:220.17V I:0.0698A P:14.738W PF:0.9557 Freq:49.99Hz Lamp Flux:1388.7x1 lm										
NAME: 2319.210Z-UA					TYPE:			WEIGHT:		
SPEC.: 3000K					DIM.:			SERIAL No.: 2304280531		
MFR.: RISE					SUR.: 0.002374625m2			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	13.2	14.1	13.5	14.2	14.4	12.5	13.3	12.7	13.5	13.7
3H	13.1	13.9	13.4	14.1	14.3	12.4	13.2	12.7	13.4	13.6
4H	13.1	13.8	13.4	14.1	14.3	12.4	13.1	12.7	13.4	13.6
6H	13.1	13.8	13.4	14.0	14.3	12.4	13.1	12.7	13.4	13.6
8H	13.1	13.8	13.4	14.1	14.3	12.5	13.2	12.8	13.4	13.7
12H	13.2	13.9	13.5	14.1	14.4	12.6	13.2	12.9	13.5	13.8
4H 2H	13.0	13.8	13.3	14.0	14.2	12.3	13.0	12.6	13.2	13.4
3H	12.9	13.6	13.3	13.8	14.1	12.2	12.9	12.6	13.1	13.4
4H	12.9	13.5	13.3	13.8	14.1	12.3	12.8	12.6	13.1	13.4
6H	13.0	13.5	13.4	13.9	14.2	12.4	12.9	12.8	13.2	13.6
8H	13.1	13.6	13.5	13.9	14.3	12.5	13.0	12.9	13.3	13.7
12H	13.3	13.7	13.7	14.1	14.4	12.7	13.2	13.1	13.5	13.9
8H 4H	12.9	13.3	13.3	13.7	14.0	12.2	12.7	12.6	13.0	13.4
6H	13.0	13.4	13.4	13.8	14.2	12.4	12.8	12.8	13.2	13.6
8H	13.2	13.5	13.6	13.9	14.4	12.6	13.0	13.1	13.4	13.8
12H	13.4	13.7	13.9	14.2	14.7	13.0	13.3	13.5	13.7	14.2
12H 4H	12.8	13.3	13.2	13.6	14.0	12.2	12.6	12.6	13.0	13.4
6H	13.0	13.3	13.4	13.8	14.2	12.4	12.7	12.8	13.2	13.6
8H	13.2	13.5	13.7	13.9	14.4	12.7	13.0	13.1	13.4	13.9
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 2.3 / - 2.0					+ 2.0 / - 1.8				
1.5H	+ 4.0 / - 1.8					+ 3.5 / - 1.5				
2.0H	+ 1.8 / - 0.8					+ 1.7 / - 0.8				

CIE Pub.117, 1389 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 1.1)  
Area: 0.00237463 m2

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:DICK  
Test Date:2023-04-28

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:BXRE-30H1000-A-83 Ra:97  
LENS: HLTJ0028I HL-52 54R  
DRIVER:PRO-UA420-W 350mA  
30minutes warm-up



### UTILIZATION FACTORS TABLE

Test:U:220.17V I:0.0698A P:14.738W PF:0.9557 Freq:49.99Hz Lamp Flux:1388.7x1 lm		
NAME: 2319.210Z-UA	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2304280531
MFR.: RISE	SUR.: 0.002374625m2	Shielding Angle:

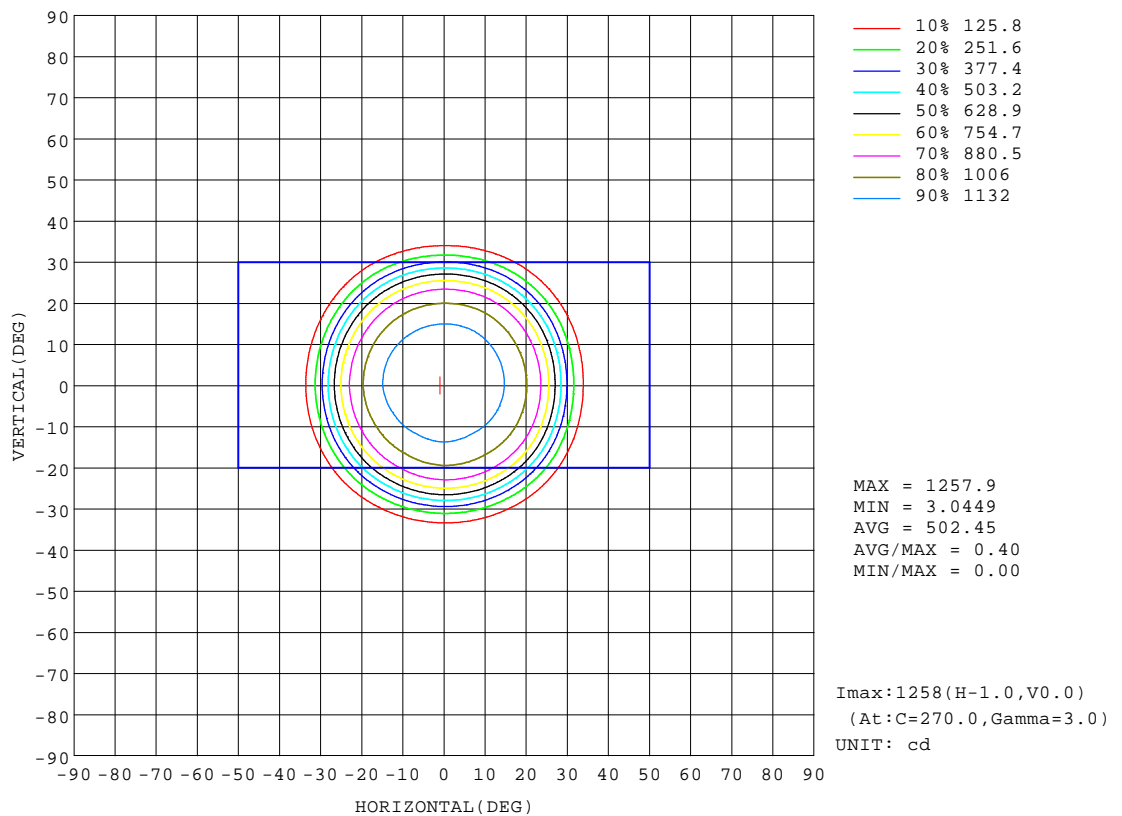
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	55	52	50	55	52	50	55	51	50	48
0.80	60	56	54	59	56	54	59	56	54	52
1.00	62	59	57	62	59	57	61	58	56	54
1.25	64	61	59	64	61	59	62	60	59	56
1.50	66	63	61	65	63	61	64	62	60	58
2.00	67	65	63	66	64	62	65	63	62	58
2.50	68	66	64	67	65	64	65	64	62	59
3.00	69	67	65	68	66	65	66	65	63	60
4.00	70	69	67	69	68	66	67	66	65	61
5.00	71	70	69	70	68	68	67	66	66	61
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:DICK  
Test Date:2023-04-28

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:BXRE-30H1000-A-83 Ra:97  
LENS: HLTJ0028I HL-52 54R  
DRIVER:PRO-UA420-W 350mA  
30minutes warm-up

## ISOCANDELA DIAGRAM

Test:U:220.17V I:0.0698A P:14.738W PF:0.9557 Freq:49.99Hz Lamp Flux:1388.7x1 lm		
NAME: 2319.210Z-UA	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2304280531
MFR.: RISE	SUR.: 0.002374625m2	Shielding Angle:

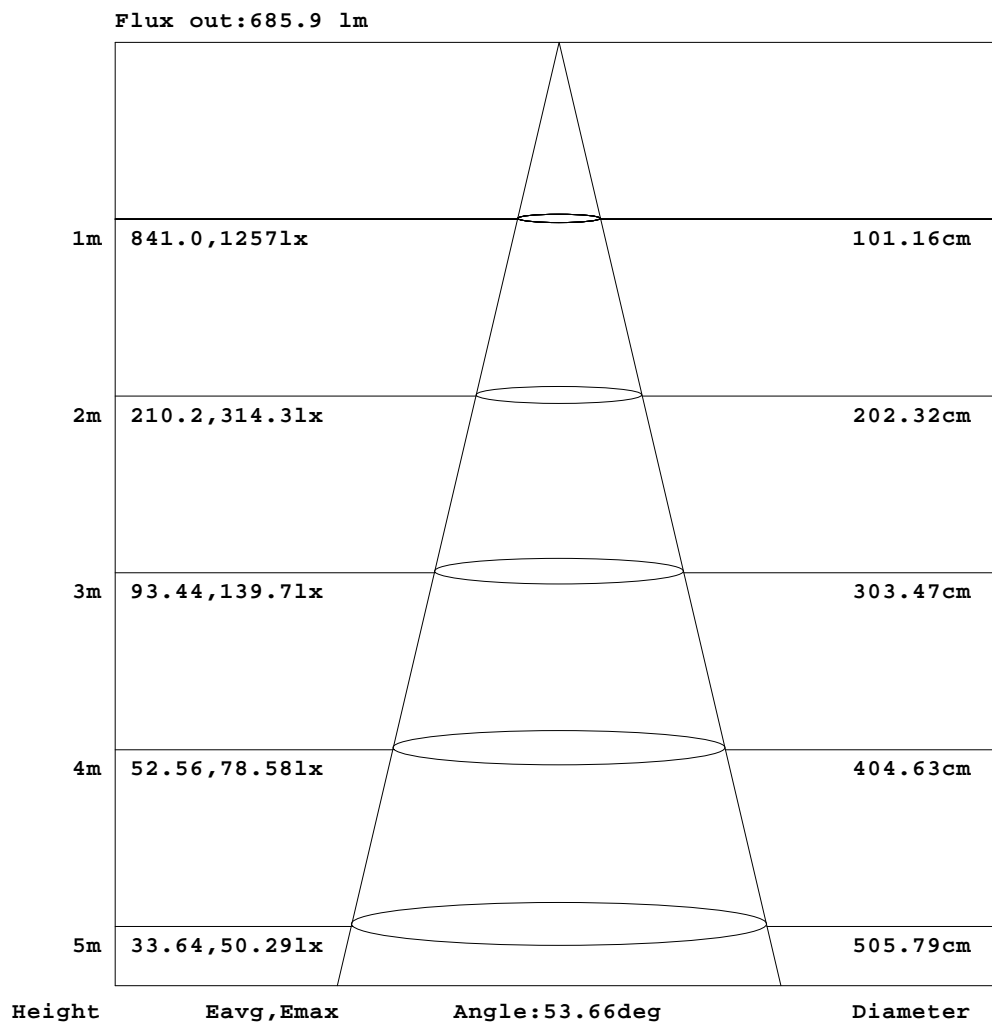


C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:DICK  
Test Date:2023-04-28

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:BXRE-30H1000-A-83 Ra:97  
LENS: HLTJ0028I HL-52 54R  
DRIVER:PRO-UA420-W 350mA  
30minutes warm-up

## AAI Figure

Test:U:220.17V I:0.0698A P:14.738W PF:0.9557 Freq:49.99Hz Lamp Flux:1388.7x1 lm		
NAME: 2319.210Z-UA	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2304280531
MFR.: RISE	SUR.: 0.002374625m2	Shielding Angle:



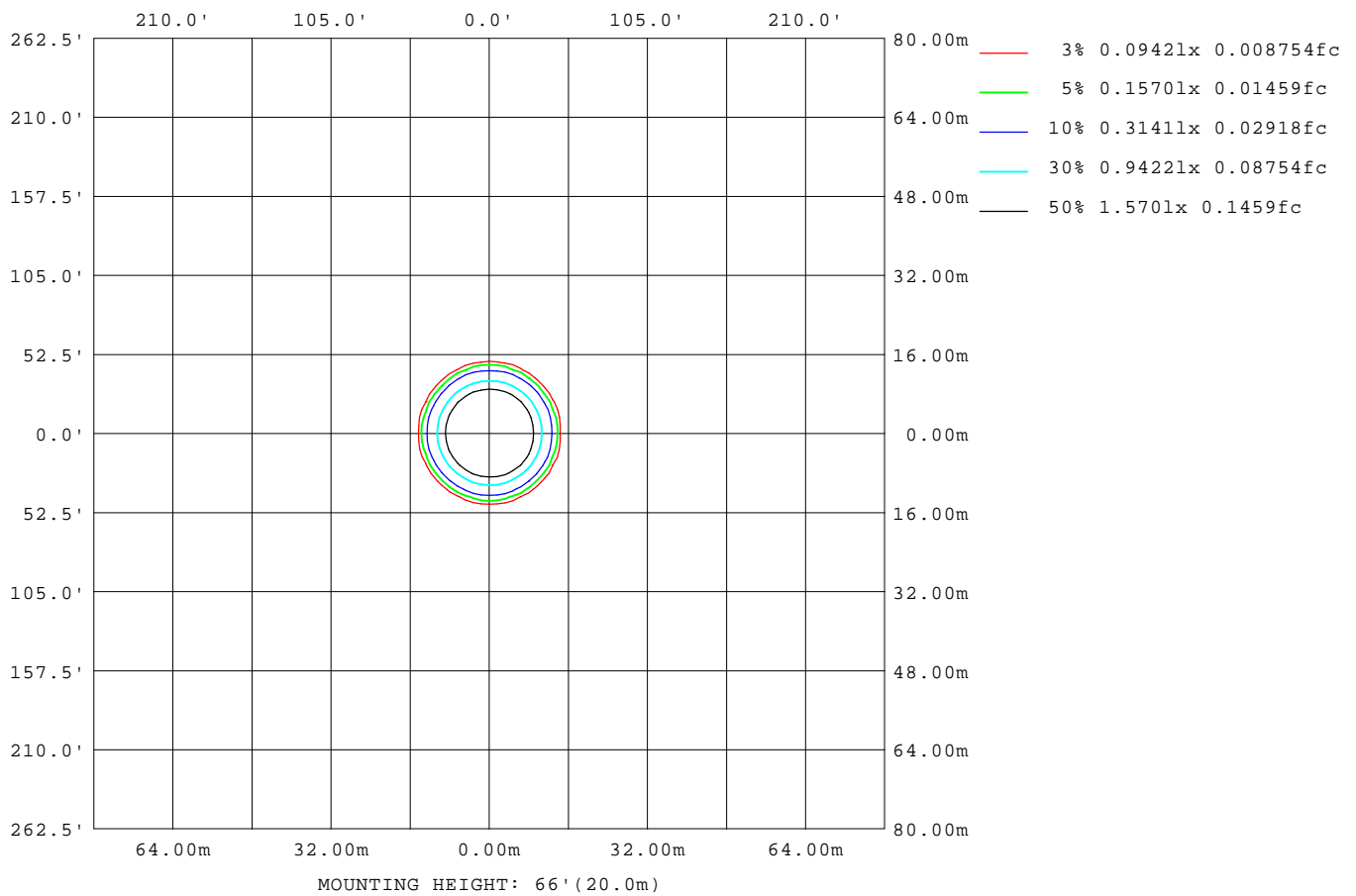
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3 °C  
Operators: DICK  
Test Date: 2023-04-28

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: BXRE-30H1000-A-83 Ra: 97  
LENS: HLTJ0028I HL-52 54R  
DRIVER: PRO-UA420-W 350mA  
30minutes warm-up

## ISOLUX DIAGRAM

Test:U:220.17V I:0.0698A P:14.738W PF:0.9557 Freq:49.99Hz Lamp Flux:1388.7x1 lm		
NAME: 2319.210Z-UA	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2304280531
MFR.: RISE	SUR.: 0.002374625m2	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3 °C  
Operators:DICK  
Test Date:2023-04-28

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:BXRE-30H1000-A-83 Ra:97  
LENS: HLTJ0028I HL-52 54R  
DRIVER:PRO-UA420-W 350mA  
30minutes warm-up

## LED Avg.L Report

Test:U:220.17V I:0.0698A P:14.738W PF:0.9557 Freq:49.99Hz Lamp Flux:1388.7x1 lm		
NAME: 2319.210Z-UA	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2304280531
MFR.: RISE	SUR.: 0.002374625m2	Shielding Angle:

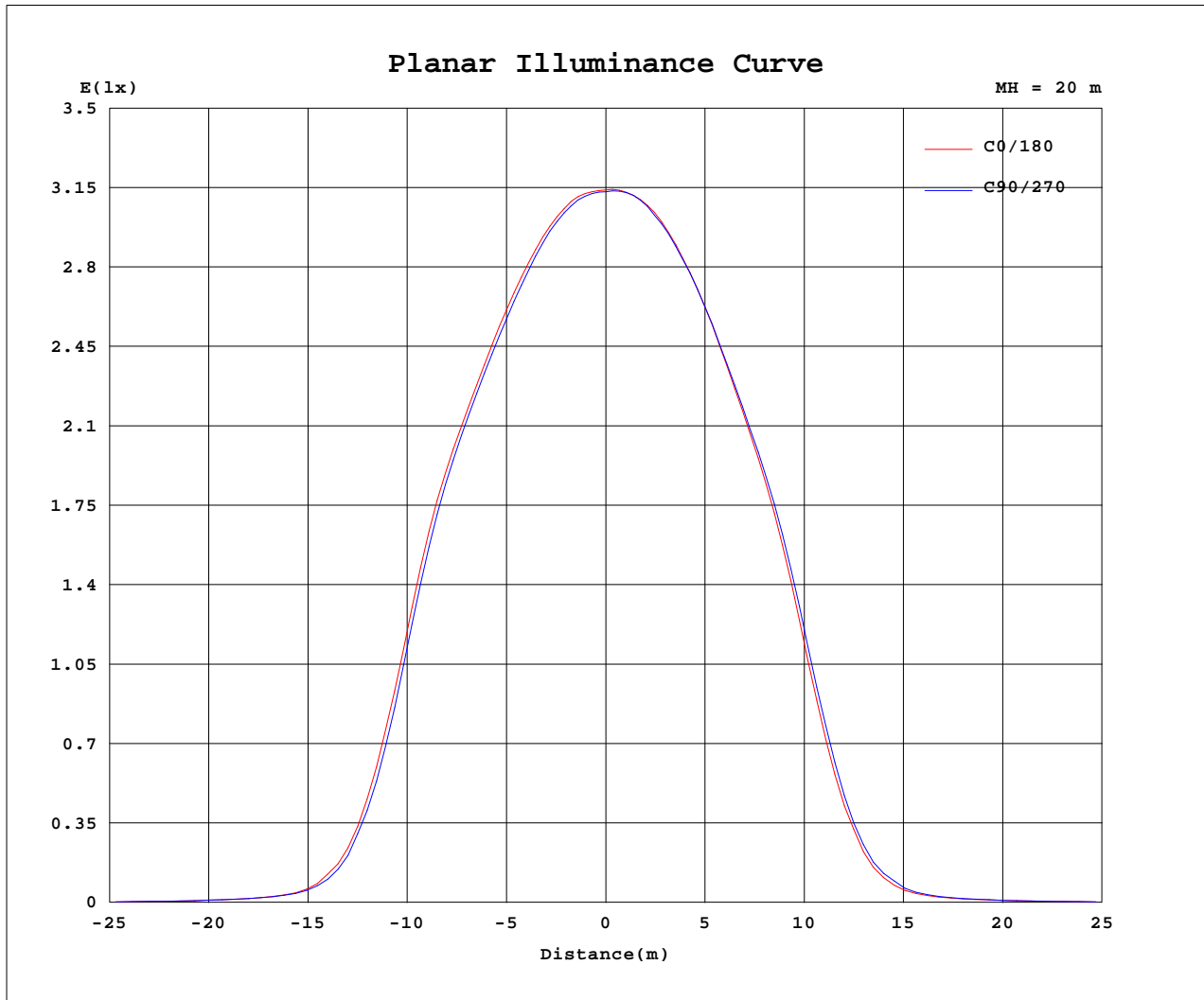
AvgL	cd/m2
L_0~180(65)av	1755
L_0~180(75)av	2360
L_0~180(85)av	6168
L_90~270(65)av	1780
L_90~270(75)av	2355
L_90~270(85)av	6037
L_45(65)av	1782
L_45(75)av	2351
L_45(85)av	6095

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:DICK  
Test Date:2023-04-28

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:BXRE-30H1000-A-83 Ra:97  
LENS: HLTJ0028I HL-52 54R  
DRIVER:PRO-UA420-W 350mA  
30minutes warm-up

## Planar Illuminance Curve



C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3 °C  
 Operators: DICK  
 Test Date: 2023-04-28

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: BXRE-30H1000-A-83 Ra: 97  
 LENS: HLTJ0028I HL-52 54R  
 DRIVER: PRO-UA420-W 350mA  
 30minutes warm-up



## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.17V I:0.0698A P:14.738W PF:0.9557 Freq:49.99Hz Lamp Flux:1388.7x1 lm		
NAME: 2319.210Z-UA	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2304280531
MFR.: RISE	SUR.: 0.002374625m2	Shielding Angle:

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	1254	1254	1254	1254	1254	1254	1254	1254	1254	1254	1254	1254						
5	1247	1246	1244	1242	1243	1246	1251	1250	1252	1253	1251	1250						
10	1203	1197	1192	1194	1191	1204	1212	1211	1210	1211	1211	1212						
15	1124	1117	1102	1109	1103	1113	1127	1132	1130	1132	1135	1132						
20	1009	1005	994	993	979	984	994	998	1002	1006	1013	1011						
25	791	791	767	754	735	743	759	760	777	789	803	801						
30	368	364	340	330	318	329	347	350	370	380	393	390						
35	91.4	83.9	82.0	75.7	74.5	73.5	80.0	85.3	88.7	93.6	95.3	93.8						
40	23.8	25.2	24.4	23.3	20.8	21.2	22.0	23.3	23.4	24.4	24.2	23.7						
45	12.4	13.5	13.6	12.2	10.8	10.4	11.8	12.3	11.6	11.7	11.9	11.7						
50	6.86	7.68	7.99	6.92	6.30	5.70	6.73	6.70	6.27	6.25	6.76	6.36						
55	3.64	4.25	4.47	3.89	3.53	3.16	3.62	3.51	3.23	3.29	3.65	3.46						
60	2.10	2.43	2.56	2.35	2.07	2.08	2.13	2.06	1.88	1.95	2.06	2.15						
65	1.76	1.91	2.01	1.96	1.79	1.75	1.76	1.75	1.63	1.61	1.67	1.78						
70	1.62	1.66	1.68	1.80	1.69	1.60	1.55	1.63	1.53	1.46	1.45	1.64						
75	1.51	1.48	1.46	1.58	1.57	1.46	1.39	1.44	1.40	1.31	1.28	1.48						
80	1.29	1.33	1.35	1.37	1.37	1.36	1.34	1.29	1.24	1.21	1.21	1.25						
85	1.25	1.28	1.30	1.32	1.33	1.33	1.31	1.25	1.20	1.18	1.18	1.21						
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:DICK  
Test Date:2023-04-28

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:BXRE-30H1000-A-83 Ra:97  
LENS: HLTJ0028I HL-52 54R  
DRIVER:PRO-UA420-W 350mA  
30minutes warm-up