

### Luminaire Photograph



Light Output Ratio:	79.5%	
Luminaire Power:	11.74 W	
SHR Nominal:	0.00	Calculated using the TM5
SHR Maximum:	0.30	fine grid method.

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3 °C  
Operators: zoe  
Test Date: 2024-12-21

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: BXRH-30H1000-B-83 Ra: 95  
LENS: PM-1082 15R  
NOT DRIVER: 48V  
30minutes warm-up

## LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

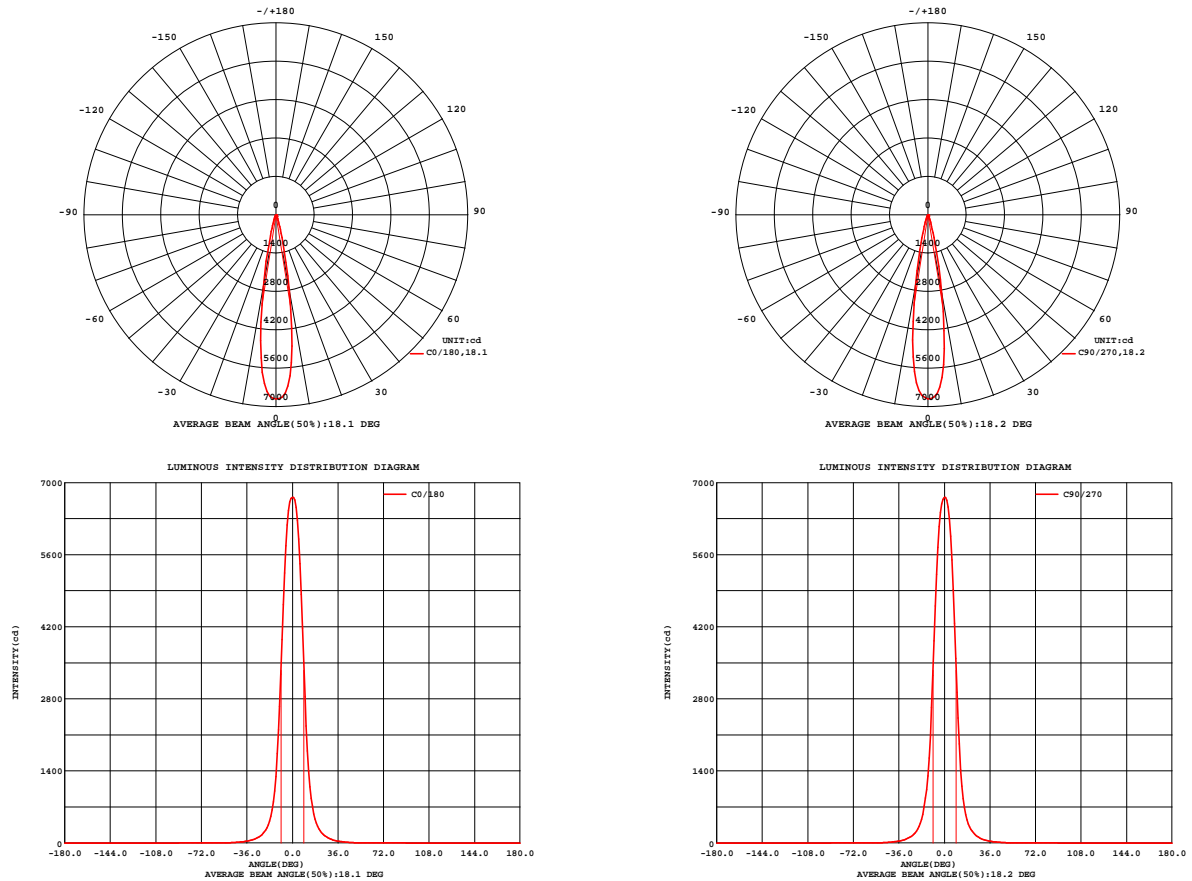


Fig. C0/C180

Fig. C90/C270

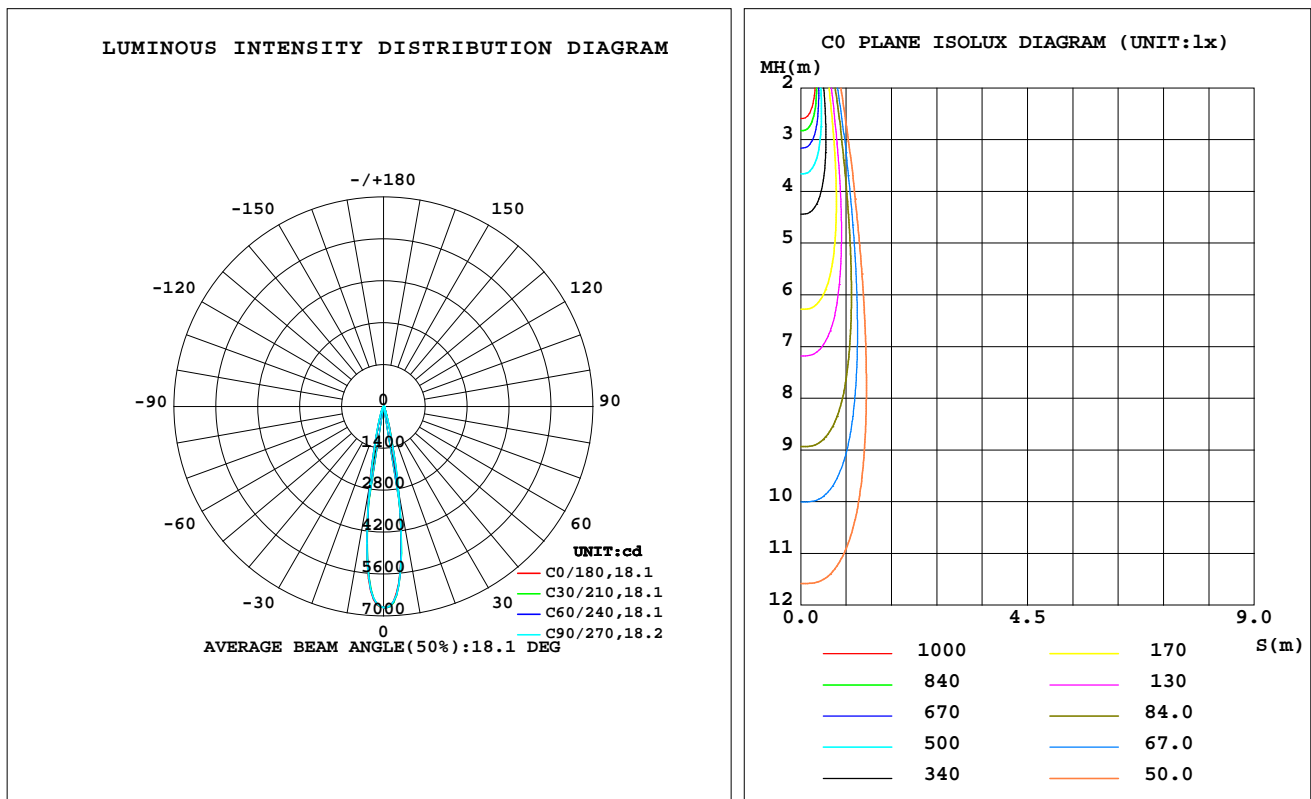
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NOT DRIVER: 48V  
30minutes warm-up

## LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:47.997V I:0.2446A P:11.740W PF:1.0000 Freq:49.99Hz Lamp Flux:1050.8x1 lm		
NAME: OZ48-SB-50	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2412211493
MFR.: RISE	SUR.: 0.001884785m2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 71.16 lm/W			
MODEL	Brideglux	I <sub>max</sub> (cd)	6723	S/MH(C0/180)	0.30
NOMINAL POWER(W)	12	LOR(%)	79.5	S/MH(C90/270)	0.29
RATED VOLTAGE(V)	48	TOTAL FLUX(lm)	835.42	η UP,DN(C0-180)	0.0,40.4
NOMINAL FLUX(lm)	1050.8	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,39.1
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	48	η down(%)	79.5	CIBSE SHR MAX	0.30



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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:BXRH-30H1000-B-83 Ra:95  
LENS:PM-1082 15R  
NOT DRIVER:48V  
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	2846	2941	2927	2772	2653	2584	2633	2773	0- 10	452.4	452.4	54.1,43
20	324.6	317.1	311.4	299.8	294.9	302.8	318.2	328.5	10- 20	273.4	725.8	86.9,69.1
30	79.23	76.10	74.48	73.61	71.74	73.00	76.99	79.79	20- 30	72.30	798.1	95.5,75.9
40	22.22	21.90	21.90	21.43	21.77	21.78	22.20	23.02	30- 40	26.31	824.4	98.7,78.5
50	4.223	4.494	4.362	3.838	3.876	3.963	3.972	4.252	40- 50	8.983	833.4	99.8,79.3
60	0.8673	1.094	1.163	0.7263	1.234	0.9901	0.7660	1.061	50- 60	1.713	835.1	100,79.5
70	0.0544	0.0502	0.0526	0.0520	0.0555	0.0456	0.0484	0.0454	60- 70	0.2784	835.4	100,79.5
80	0.0379	0.0236	0.0329	0.0253	0.0339	0.0219	0.0347	0.0279	70- 80	0.0390	835.4	100,79.5
90	0	0	0	0	0	0	0	0	80- 90	0.0230	835.4	100,79.5
100	0	0	0	0	0	0	0	0	90-100	0	835.4	100,79.5
110	0	0	0	0	0	0	0	0	100-110	0	835.4	100,79.5
120	0	0	0	0	0	0	0	0	110-120	0	835.4	100,79.5
130	0	0	0	0	0	0	0	0	120-130	0	835.4	100,79.5
140	0	0	0	0	0	0	0	0	130-140	0	835.4	100,79.5
150	0	0	0	0	0	0	0	0	140-150	0	835.4	100,79.5
160	0	0	0	0	0	0	0	0	150-160	0	835.4	100,79.5
170	0	0	0	0	0	0	0	0	160-170	0	835.4	100,79.5
180	0	0	0	0	0	0	0	0	170-180	0	835.4	100,79.5
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
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Temperature:25.3 °C  
Operators:zoe  
Test Date:2024-12-21

$\gamma$  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:BXRH-30H1000-B-83 Ra:95  
LENS:PM-1082 15R  
NOT DRIVER:48V  
30minutes warm-up

### LUMINANCE LIMITATION CURVES

Test:U:47.997V I:0.2446A P:11.740W PF:1.0000 Freq:49.99Hz  
Lamp Flux:1050.8x1 lm

NAME: OZ48-SB-50

TYPE:

WEIGHT:

SPEC.: 3000K

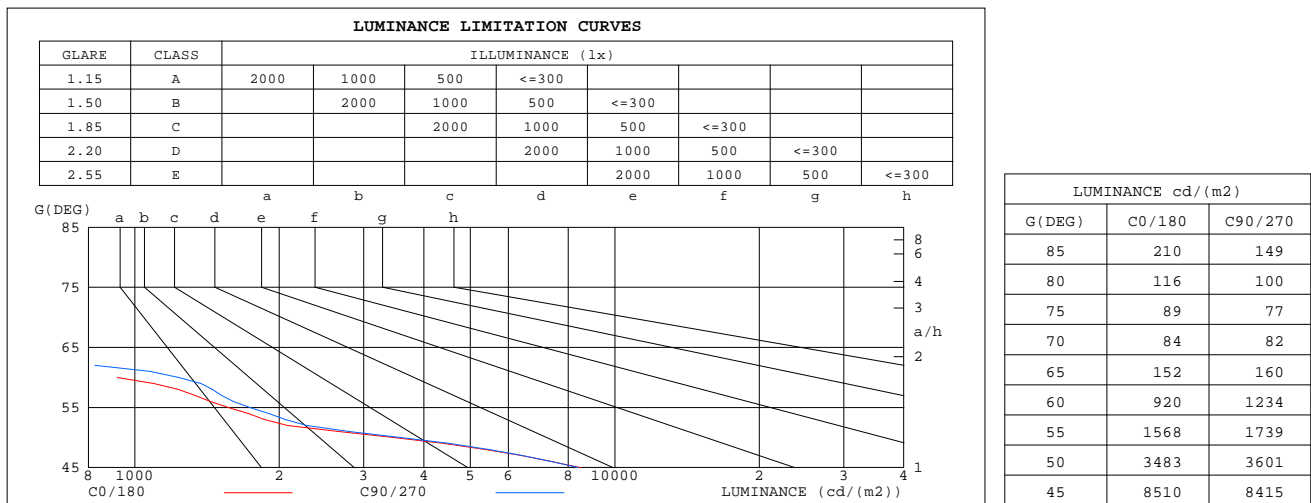
DIM.:

SERIAL No.: 2412211493

MFR.: RISE

SUR.: 0.001884785m2

Shielding Angle:



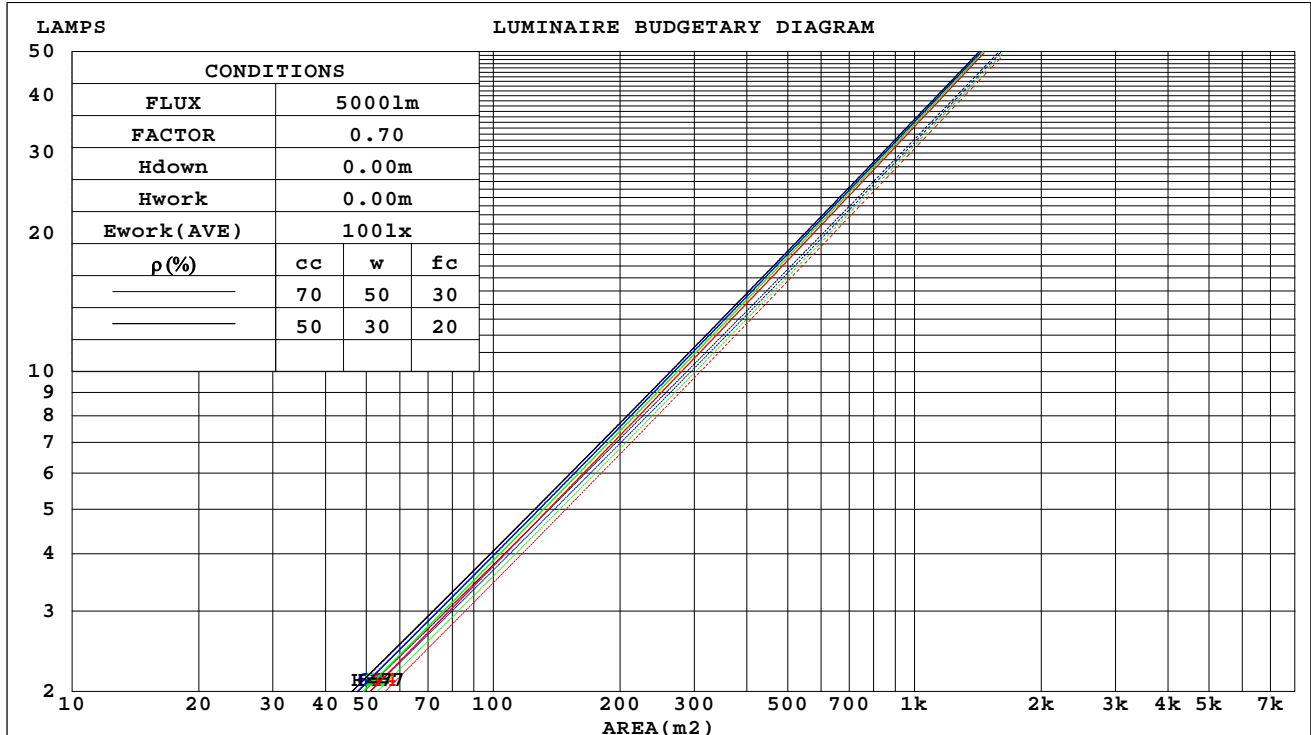
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## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:47.997V I:0.2446A P:11.740W PF:1.0000 Freq:49.99Hz Lamp Flux:1050.8x1 lm		
NAME: OZ48-SB-50	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2412211493
MFR.: RISE	SUR.: 0.001884785m2	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															



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
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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:BXRH-30H1000-B-83 Ra:95  
LENS:PM-1082 15R  
NOT DRIVER:48V  
30minutes warm-up

### WEC AND CCEC

Test:U:47.997V I:0.2446A P:11.740W PF:1.0000 Freq:49.99Hz Lamp Flux:1050.8x1 lm		
NAME: OZ48-SB-50	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2412211493
MFR.: RISE	SUR.: 0.001884785m2	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	.098	.056	.018	.093	.053	.017	.083	.048	.015	.074	.043	.014	.066	.038	.012	
2.0	.090	.049	.015	.086	.047	.015	.078	.043	.013	.070	.039	.012	.063	.036	.011	
3.0	.083	.044	.013	.080	.043	.013	.073	.040	.012	.067	.037	.011	.061	.034	.010	
4.0	.077	.040	.012	.074	.039	.011	.069	.036	.011	.064	.034	.010	.059	.032	.010	
5.0	.072	.037	.011	.070	.036	.010	.065	.034	.010	.061	.032	.010	.057	.030	.009	
6.0	.068	.034	.010	.066	.033	.010	.062	.032	.009	.058	.030	.009	.054	.029	.009	
7.0	.064	.032	.009	.062	.031	.009	.059	.030	.009	.055	.028	.008	.052	.027	.008	
8.0	.061	.030	.008	.059	.029	.008	.056	.028	.008	.053	.027	.008	.051	.026	.008	
9.0	.058	.028	.008	.056	.027	.008	.054	.026	.008	.051	.026	.007	.049	.025	.007	
10.0	.055	.026	.007	.054	.026	.007	.051	.025	.007	.049	.024	.007	.047	.024	.007	

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	.151	.151	.151	.129	.129	.129	.088	.088	.088	.051	.051	.051	.016	.016	.016		
1.0	.133	.125	.119	.114	.108	.102	.078	.074	.071	.045	.043	.041	.014	.014	.013		
2.0	.118	.106	.095	.101	.091	.082	.069	.063	.057	.040	.037	.034	.013	.012	.011		
3.0	.105	.090	.078	.090	.078	.067	.062	.054	.047	.036	.031	.028	.012	.010	.009		
4.0	.095	.078	.064	.081	.067	.056	.056	.047	.039	.032	.027	.023	.010	.009	.008		
5.0	.086	.068	.054	.074	.058	.047	.051	.041	.033	.029	.024	.020	.010	.008	.006		
6.0	.079	.059	.046	.067	.052	.040	.047	.036	.028	.027	.021	.017	.009	.007	.006		
7.0	.072	.053	.039	.062	.046	.034	.043	.032	.024	.025	.019	.014	.008	.006	.005		
8.0	.067	.047	.034	.057	.041	.030	.040	.029	.021	.023	.017	.013	.007	.006	.004		
9.0	.062	.043	.030	.053	.037	.026	.037	.026	.018	.022	.015	.011	.007	.005	.004		
10.0	.058	.039	.026	.050	.034	.023	.035	.024	.016	.020	.014	.010	.007	.005	.003		

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γ Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.461  
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LENS:PM-1082 15R  
NOT DRIVER:48V  
30minutes warm-up

## UGR(Unified Glare Rating) Table

Test:U:47.997V I:0.2446A P:11.740W PF:1.0000 Freq:49.99Hz Lamp Flux:1050.8x1 lm										
NAME: OZ48-SB-50					TYPE:			WEIGHT:		
SPEC.: 3000K					DIM.:			SERIAL No.: 2412211493		
MFR.: RISE					SUR.: 0.001884785m2			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	8.9	9.4	9.1	9.6	9.7	8.7	9.3	8.9	9.4	9.6
3H	8.7	9.3	9.0	9.4	9.6	8.6	9.1	8.8	9.3	9.5
4H	8.7	9.2	8.9	9.4	9.6	8.5	9.0	8.7	9.2	9.4
6H	8.6	9.1	8.9	9.3	9.5	8.4	8.9	8.7	9.1	9.3
8H	8.5	9.0	8.8	9.2	9.5	8.4	8.8	8.7	9.1	9.3
12H	8.5	8.9	8.8	9.2	9.5	8.3	8.8	8.6	9.0	9.3
4H 2H	8.7	9.2	8.9	9.4	9.6	8.5	9.0	8.8	9.2	9.4
3H	8.5	9.0	8.8	9.2	9.5	8.3	8.8	8.6	9.0	9.3
4H	8.4	8.8	8.7	9.1	9.4	8.2	8.6	8.6	8.9	9.2
6H	8.3	8.7	8.7	9.0	9.3	8.1	8.5	8.5	8.8	9.2
8H	8.3	8.6	8.6	8.9	9.3	8.1	8.4	8.5	8.8	9.1
12H	8.2	8.5	8.6	8.9	9.3	8.0	8.3	8.4	8.7	9.1
8H 4H	8.2	8.6	8.6	8.9	9.3	8.1	8.4	8.5	8.8	9.1
6H	8.1	8.4	8.6	8.8	9.2	8.0	8.2	8.4	8.6	9.0
8H	8.1	8.3	8.5	8.7	9.2	7.9	8.2	8.3	8.6	9.0
12H	8.0	8.2	8.5	8.7	9.1	7.8	8.1	8.3	8.5	9.0
12H 4H	8.2	8.5	8.6	8.9	9.3	8.0	8.3	8.4	8.7	9.1
6H	8.1	8.3	8.5	8.7	9.2	7.9	8.2	8.3	8.6	9.0
8H	8.0	8.2	8.5	8.7	9.1	7.8	8.1	8.3	8.5	9.0
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 3.0 / -11.3					+ 2.9 / -10.3				
1.5H	+ 4.8 / - 8.8					+ 4.8 / - 8.6				
2.0H	+ 6.6 / -12.8					+ 6.5 / -14.6				

CIE Pub.117, 1051 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 0.2)  
Area: 0.00188479 m2

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30minutes warm-up



### UTILIZATION FACTORS TABLE

Test:U:47.997V I:0.2446A P:11.740W PF:1.0000 Freq:49.99Hz Lamp Flux:1050.8x1 lm		
NAME: OZ48-SB-50	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2412211493
MFR.: RISE	SUR.: 0.001884785m2	Shielding Angle:

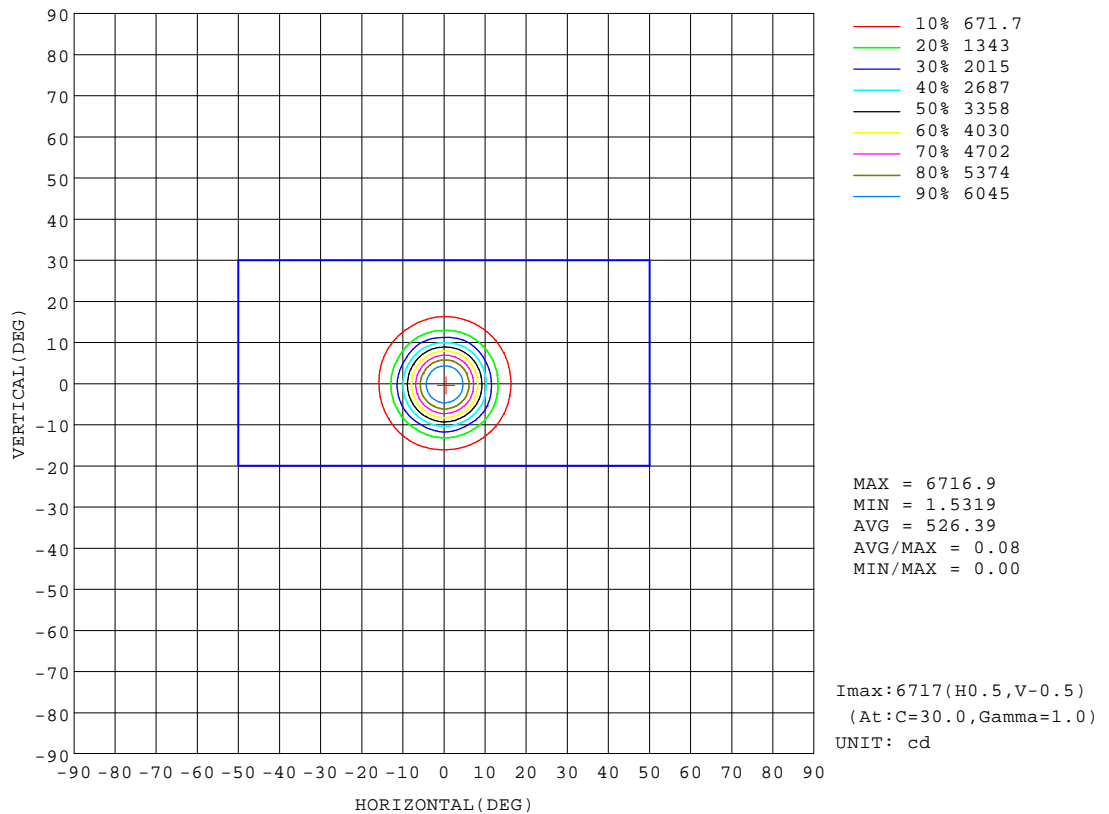
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	72	68	65	72	67	65	71	67	65	62
0.80	78	74	71	77	73	71	76	73	70	68
1.00	81	77	74	80	76	74	79	76	74	71
1.25	84	80	77	83	79	77	81	79	76	73
1.50	86	82	80	85	82	79	83	80	79	75
2.00	87	84	82	86	83	81	84	82	80	76
2.50	88	86	84	87	85	83	85	83	81	77
3.00	90	87	85	88	86	84	86	84	82	78
4.00	91	89	87	89	88	86	87	85	84	79
5.00	92	90	89	90	89	88	87	86	85	79
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

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30minutes warm-up

## ISOCANDELA DIAGRAM

Test:U:47.997V I:0.2446A P:11.740W PF:1.0000 Freq:49.99Hz Lamp Flux:1050.8x1 lm		
NAME: OZ48-SB-50	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2412211493
MFR.: RISE	SUR.: 0.001884785m2	Shielding Angle:

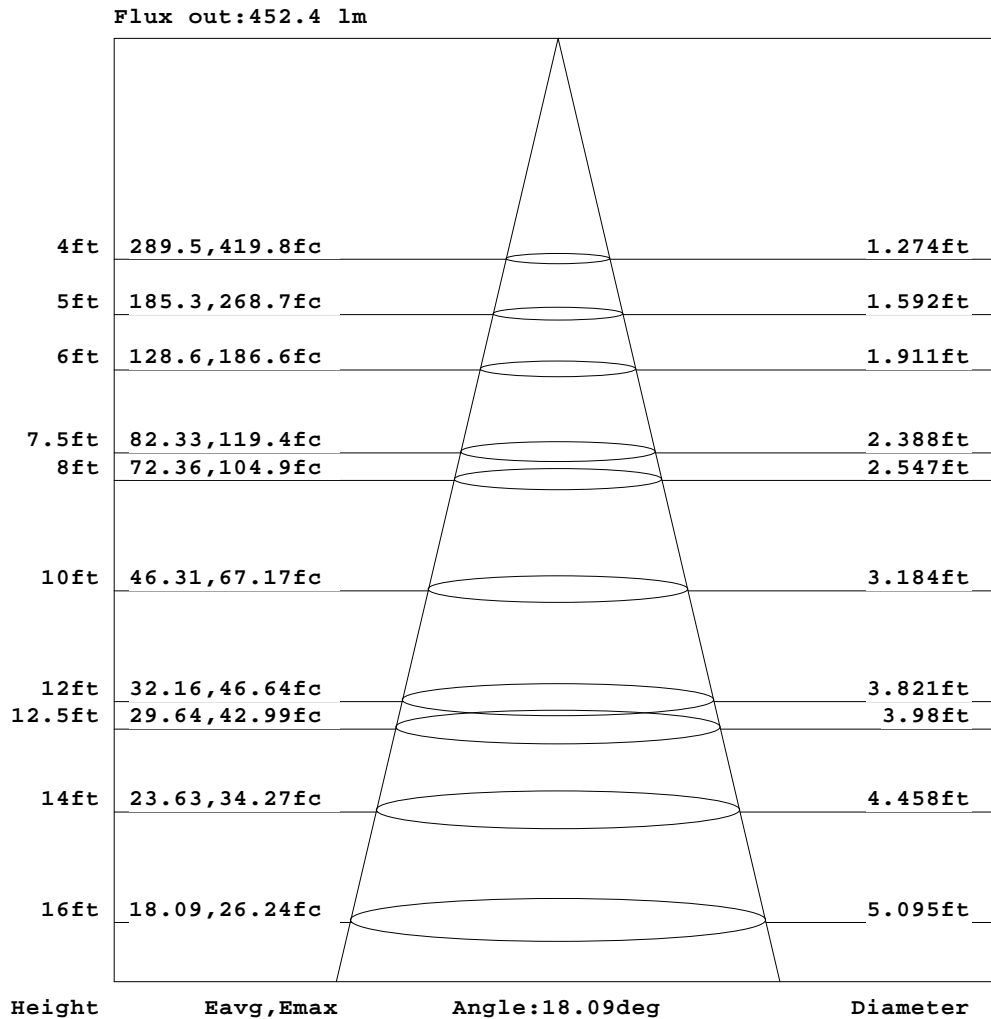


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## AAI Figure

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NAME: OZ48-SB-50	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2412211493
MFR.: RISE	SUR.: 0.001884785m2	Shielding Angle:



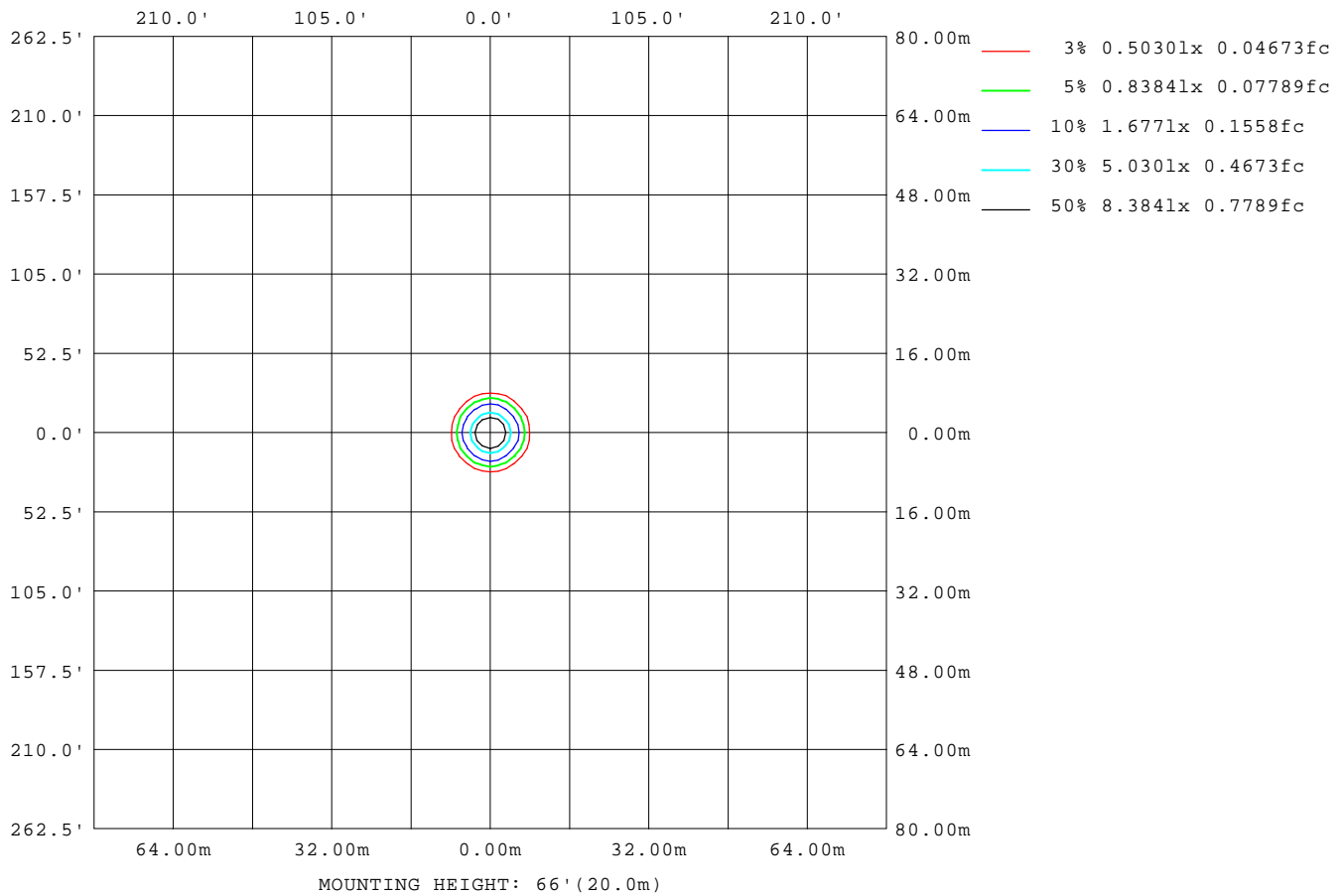
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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30minutes warm-up

## ISOLUX DIAGRAM

Test:U:47.997V I:0.2446A P:11.740W PF:1.0000 Freq:49.99Hz Lamp Flux:1050.8x1 lm		
NAME: OZ48-SB-50	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2412211493
MFR.: RISE	SUR.: 0.001884785m2	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3 °C  
Operators: zoe  
Test Date: 2024-12-21

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: BXRH-30H1000-B-83 Ra: 95  
LENS: PM-1082 15R  
NOT DRIVER: 48V  
30minutes warm-up

## LED Avg.L Report

Test:U:47.997V I:0.2446A P:11.740W PF:1.0000 Freq:49.99Hz Lamp Flux:1050.8x1 lm		
NAME: OZ48-SB-50	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2412211493
MFR.: RISE	SUR.: 0.001884785m2	Shielding Angle:

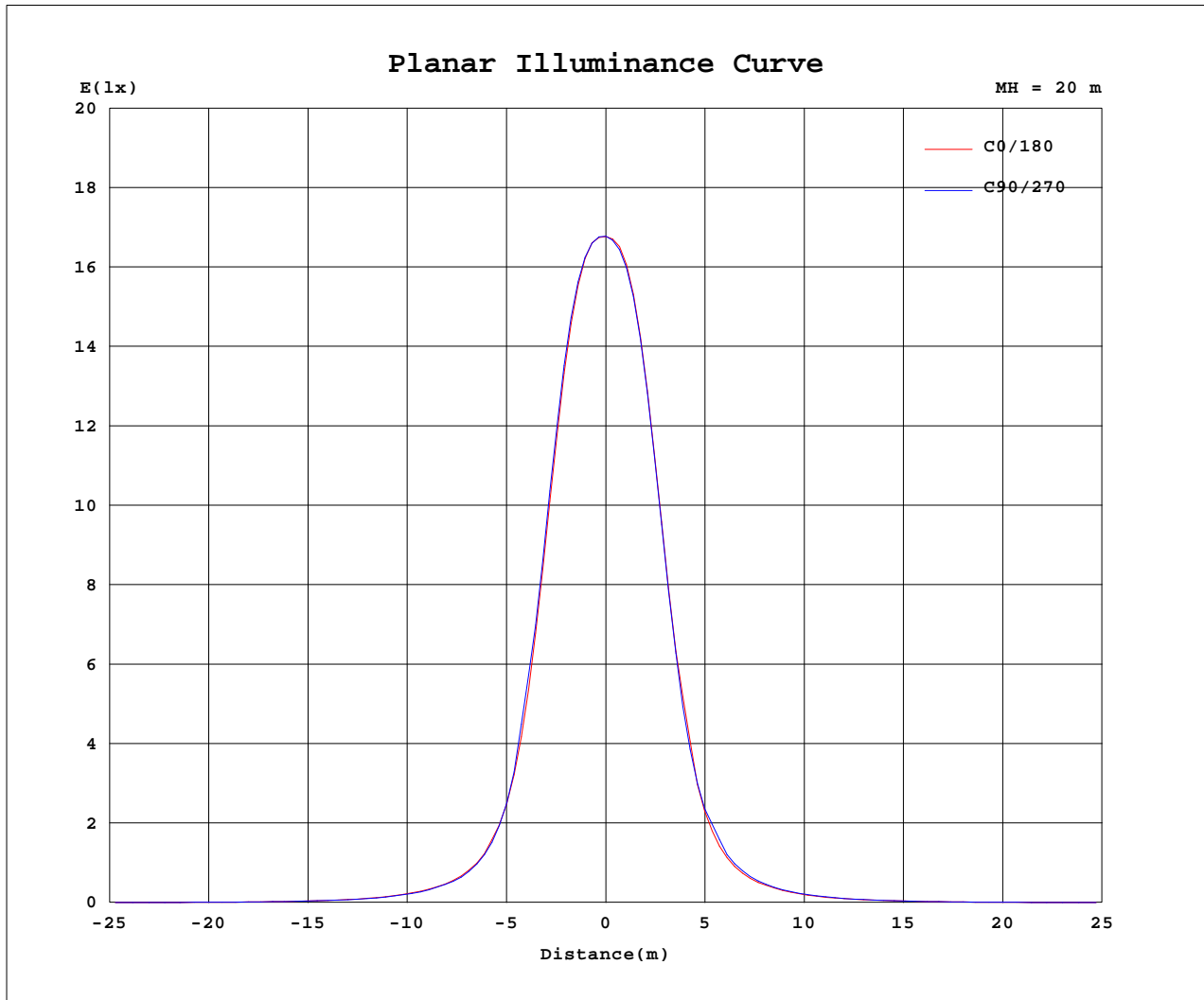
AvgL	cd/m2
L_0~180(65)av	149
L_0~180(75)av	89
L_0~180(85)av	195
L_90~270(65)av	144
L_90~270(75)av	79
L_90~270(85)av	162
L_45(65)av	143
L_45(75)av	69
L_45(85)av	103

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2024-12-21

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:BXRH-30H1000-B-83 Ra:95  
LENS:PM-1082 15R  
NOT DRIVER:48V  
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: 2024-12-21

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: BXRH-30H1000-B-83 Ra: 95  
 LENS: PM-1082 15R  
 NOT DRIVER: 48V  
 30minutes warm-up



## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:47.997V I:0.2446A P:11.740W PF:1.0000 Freq:49.99Hz Lamp Flux:1050.8x1 lm		
NAME: OZ48-SB-50	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2412211493
MFR.: RISE	SUR.: 0.001884785m2	Shielding Angle:

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	6712	6712	6712	6712	6712	6712	6712	6712	6712	6712	6712	6712						
5	5901	5965	5947	5956	5881	5819	5769	5684	5725	5741	5822	5872						
10	2846	2953	2928	2927	2814	2730	2653	2562	2607	2633	2746	2799						
15	867	890	863	863	875	814	799	824	823	875	875	869						
20	325	326	308	311	300	300	295	295	311	318	334	323						
25	154	153	146	147	144	143	141	139	145	149	157	154						
30	79.2	76.9	75.3	74.5	74.8	72.4	71.7	72.8	73.2	77.0	79.1	80.5						
35	40.9	40.6	38.9	39.7	39.3	39.4	39.3	39.0	39.6	40.4	42.8	41.9						
40	22.2	22.3	21.5	21.9	21.2	21.6	21.8	21.5	22.0	22.2	23.3	22.8						
45	11.3	11.5	11.2	11.2	10.8	10.7	10.9	11.1	11.3	11.4	11.8	11.7						
50	4.22	4.55	4.44	4.36	3.90	3.78	3.88	3.91	4.02	3.97	4.27	4.24						
55	1.70	1.85	1.86	1.88	1.52	1.65	1.86	1.82	1.61	1.60	1.68	1.71						
60	0.87	0.99	1.19	1.16	0.69	0.76	1.23	1.15	0.83	0.77	1.04	1.08						
65	0.12	0.13	0.12	0.13	0.12	0.12	0.12	0.10	0.10	0.10	0.11	0.11						
70	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.05	0.04	0.05	0.04	0.05						
75	0.04	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.03	0.04	0.03	0.04						
80	0.04	0.02	0.02	0.03	0.02	0.03	0.03	0.02	0.02	0.03	0.02	0.03						
85	0.03	0.02	0.02	0.02	0.02	0.02	0.03	0.02	0.02	0.03	0.01	0.03						
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:2024-12-21

γ Range: 0 - 180DEG  
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Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.461  
Humidity:65.0%  
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Remarks: LAMP:BXRH-30H1000-B-83 Ra:95  
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