

### Luminaire Photograph



Light Output Ratio:	82.1%	
Luminaire Power:	8.203 W	
SHR Nominal:	0.00	Calculated using the TM5
SHR Maximum:	0.25	fine grid method.

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3 °C  
Operators: zoe  
Test Date: 2025-1-3

$\gamma$  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-30H0600-A-83 Ra: 97  
LENS: PM-1084 15R  
NOT DRIVER: 48V  
30minutes warm-up

## LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

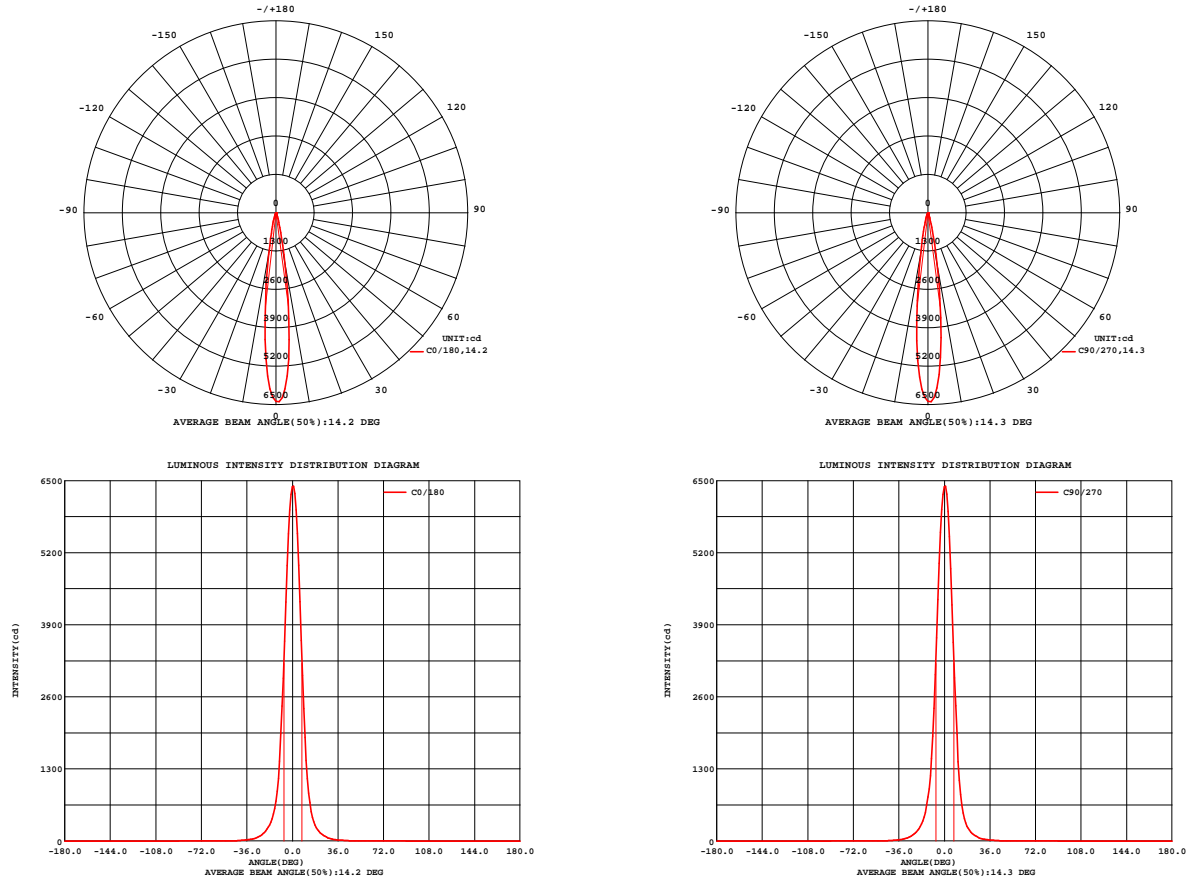


Fig. C0/C180

Fig. C90/C270

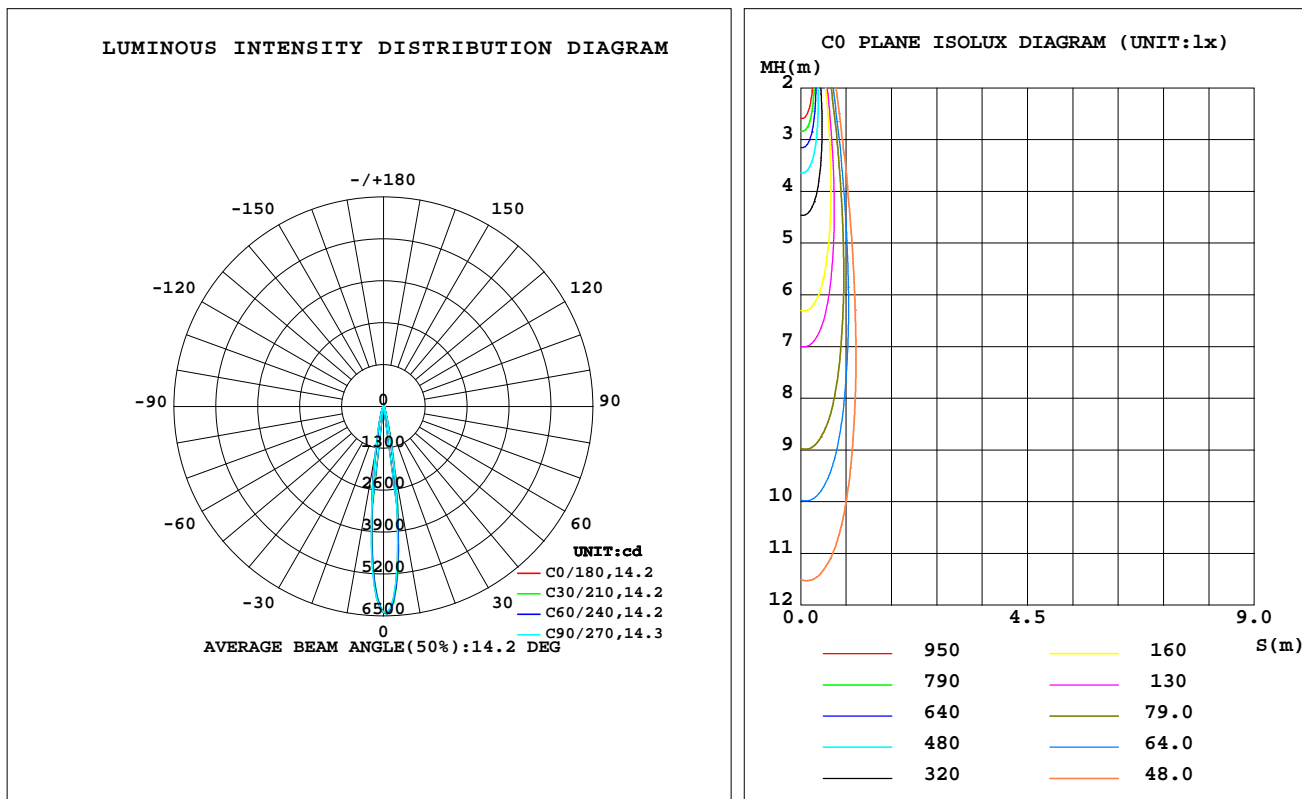
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3 °C  
Operators: zoe  
Test Date: 2025-1-3

$\gamma$  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-30H0600-A-83 Ra: 97  
LENS: PM-1084 15R  
NOT DRIVER: 48V  
30minutes warm-up

## LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:47.997V I:0.1709A P:8.2027W PF:1.0000 Freq:49.99Hz Lamp Flux:692.395x1 lm		
NAME: OZ48-SB-40	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2501030010
MFR.: RISE	SUR.: 0.000961625m2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 69.34 lm/W			
MODEL	Brideglux	I <sub>max</sub> (cd)	6438	S/MH(C0/180)	0.23
NOMINAL POWER(W)	8	LOR(%)	82.1	S/MH(C90/270)	0.23
RATED VOLTAGE(V)	48	TOTAL FLUX(lm)	568.76	η UP,DN(C0-180)	0.0,42.4
NOMINAL FLUX(lm)	692.395	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,39.8
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	48	η down(%)	82.1	CIBSE SHR MAX	0.25



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2025-1-3

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-30H0600-A-83 Ra:97  
LENS:PM-1084 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	1869	2006	1933	1587	1442	1394	1487	1755	0- 10	338.6	338.6	59.5,48.9
20	202.1	192.9	193.3	194.0	214.7	223.0	223.2	220.6	10- 20	164.4	503.0	88.4,72.6
30	41.42	39.17	38.43	39.68	44.83	48.39	48.65	45.55	20- 30	46.52	549.5	96.6,79.4
40	11.74	11.10	10.92	11.18	12.16	12.68	12.86	12.42	30- 40	14.90	564.4	99.2,81.5
50	0.9339	0.9120	0.8278	0.7371	0.7170	0.7029	0.7498	0.8295	40- 50	3.799	568.2	99.9,82.1
60	0.2384	0.2441	0.2449	0.2357	0.2150	0.2052	0.2217	0.2397	50- 60	0.3641	568.6	100,82.1
70	0.0540	0.0575	0.0571	0.0483	0.0442	0.0351	0.0352	0.0376	60- 70	0.1154	568.7	100,82.1
80	0.0287	0.0197	0.0275	0.0196	0.0252	0.0156	0.0189	0.0141	70- 80	0.0317	568.8	100,82.1
90	0	0	0	0	0	0	0	0	80- 90	0.0140	568.8	100,82.1
100	0	0	0	0	0	0	0	0	90-100	0	568.8	100,82.1
110	0	0	0	0	0	0	0	0	100-110	0	568.8	100,82.1
120	0	0	0	0	0	0	0	0	110-120	0	568.8	100,82.1
130	0	0	0	0	0	0	0	0	120-130	0	568.8	100,82.1
140	0	0	0	0	0	0	0	0	130-140	0	568.8	100,82.1
150	0	0	0	0	0	0	0	0	140-150	0	568.8	100,82.1
160	0	0	0	0	0	0	0	0	150-160	0	568.8	100,82.1
170	0	0	0	0	0	0	0	0	160-170	0	568.8	100,82.1
180	0	0	0	0	0	0	0	0	170-180	0	568.8	100,82.1
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2025-1-3

$\gamma$  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-30H0600-A-83 Ra:97  
LENS:PM-1084 15R  
NOT DRIVER:48V  
30minutes warm-up

### LUMINANCE LIMITATION CURVES

Test:U:47.997V I:0.1709A P:8.2027W PF:1.0000 Freq:49.99Hz  
Lamp Flux:692.395x1 lm

NAME: OZ48-SB-40

TYPE:

WEIGHT:

SPEC.: 3000K

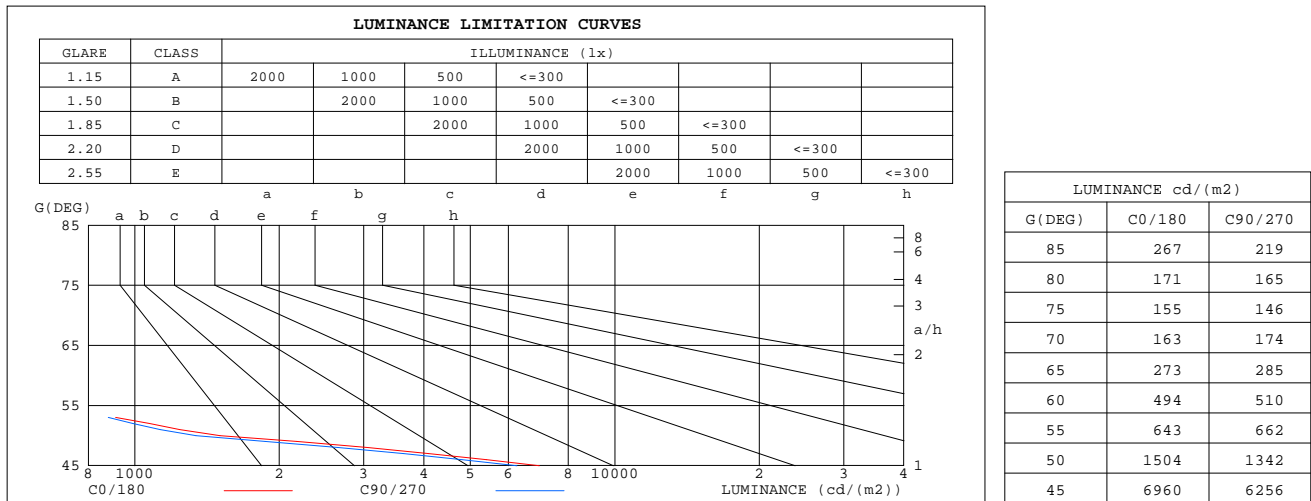
DIM.:

SERIAL No.: 2501030010

MFR.: RISE

SUR.: 0.000961625m2

Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2025-1-3

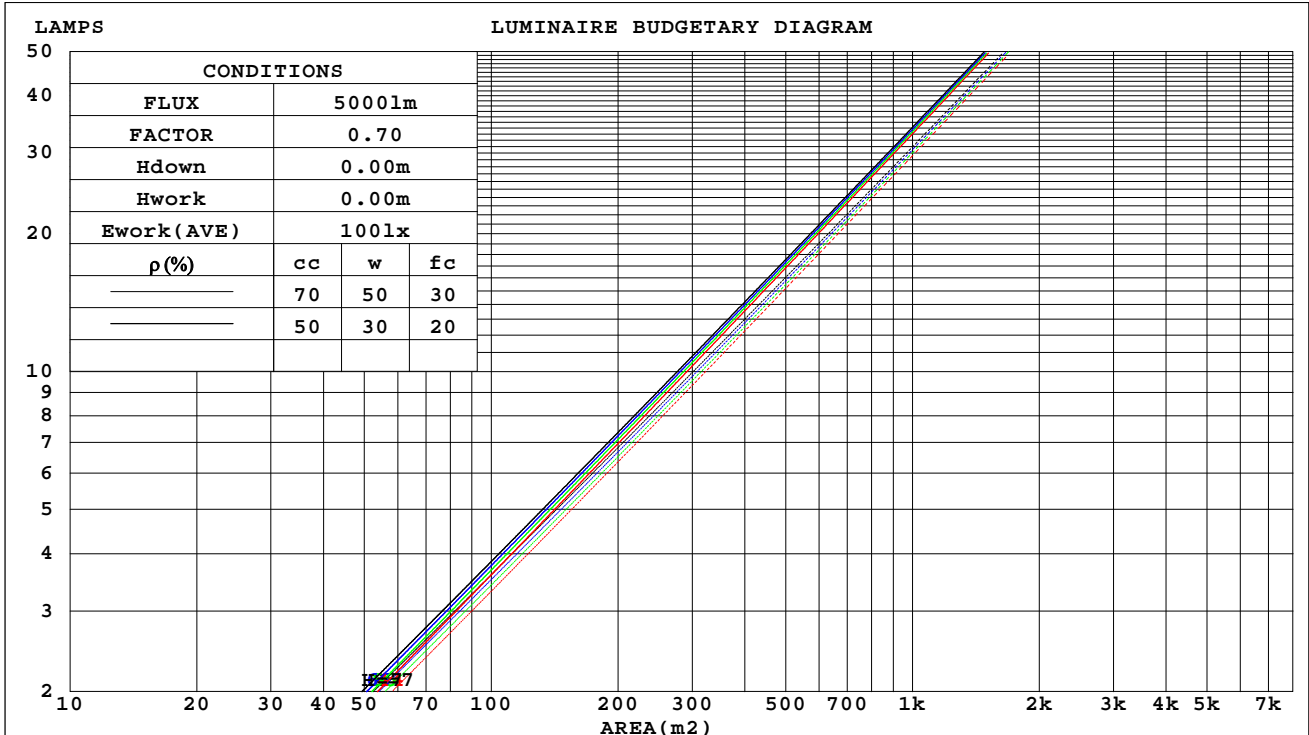
γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.461  
Humidity:65.0%  
Test Distance:3.160m [K=1.0000]  
Remarks: LAMP:BXRH-30H0600-A-83 Ra:97  
LENS:PM-1084 15R  
NOT DRIVER:48V  
30minutes warm-up

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:47.997V I:0.1709A P:8.2027W PF:1.0000 Freq:49.99Hz  
Lamp Flux:692.395x1 lm

NAME: OZ48-SB-40	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2501030010
MFR.: RISE	SUR.: 0.000961625m2	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			Coefficients of Utilization(CU)												
0.0	.98	.98	.98	.96	.96	.96	.91	.91	.91	.87	.87	.87	.84	.84	.84	.82
1.0	.93	.92	.91	.92	.91	.89	.89	.88	.87	.86	.85	.84	.83	.82	.82	.80
2.0	.90	.88	.86	.89	.87	.85	.86	.85	.83	.84	.83	.82	.82	.81	.80	.79
3.0	.87	.84	.82	.86	.84	.82	.84	.82	.81	.82	.81	.79	.80	.79	.78	.77
4.0	.84	.82	.80	.84	.81	.79	.82	.80	.78	.81	.79	.77	.79	.78	.77	.76
5.0	.82	.79	.77	.82	.79	.77	.80	.78	.76	.79	.77	.76	.78	.76	.75	.74
6.0	.80	.77	.75	.80	.77	.75	.79	.76	.75	.78	.76	.74	.77	.75	.74	.73
7.0	.78	.76	.74	.78	.75	.74	.77	.75	.73	.76	.74	.73	.76	.74	.73	.72
8.0	.77	.74	.72	.77	.74	.72	.76	.74	.72	.75	.73	.72	.75	.73	.71	.71
9.0	.75	.73	.71	.75	.73	.71	.75	.72	.71	.74	.72	.70	.73	.72	.70	.70
10.0	.74	.72	.70	.74	.71	.70	.73	.71	.70	.73	.71	.69	.72	.71	.69	.69



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2025-1-3

$\gamma$  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-30H0600-A-83 Ra:97  
LENS:PM-1084 15R  
NOT DRIVER:48V  
30minutes warm-up

### WEC AND CCEC

Test:U:47.997V I:0.1709A P:8.2027W PF:1.0000 Freq:49.99Hz Lamp Flux:692.395x1 lm		
NAME: OZ48-SB-40	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2501030010
MFR.: RISE	SUR.: 0.000961625m2	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	.082	.047	.015	.073	.042	.014	.065	.037	.012	
2.0	.089	.049	.015	.085	.047	.014	.077	.043	.013	.069	.039	.012	.062	.035	.011	
3.0	.082	.044	.013	.079	.042	.013	.072	.039	.012	.066	.036	.011	.060	.033	.010	
4.0	.076	.040	.012	.073	.038	.011	.067	.036	.011	.062	.033	.010	.057	.031	.009	
5.0	.071	.036	.010	.068	.035	.010	.064	.033	.010	.059	.031	.009	.055	.029	.009	
6.0	.067	.033	.010	.064	.033	.009	.060	.031	.009	.056	.029	.009	.053	.028	.008	
7.0	.063	.031	.009	.061	.030	.009	.057	.029	.008	.054	.028	.008	.051	.026	.008	
8.0	.059	.029	.008	.058	.028	.008	.055	.027	.008	.052	.026	.008	.049	.025	.007	
9.0	.056	.027	.008	.055	.027	.007	.052	.026	.007	.050	.025	.007	.047	.024	.007	
10.0	.053	.026	.007	.052	.025	.007	.050	.024	.007	.048	.024	.007	.046	.023	.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	.156	.156	.156	.134	.134	.134	.091	.091	.091	.052	.052	.052	.017	.017	.017		
1.0	.137	.130	.123	.117	.111	.106	.080	.077	.073	.046	.044	.042	.015	.014	.014		
2.0	.121	.109	.099	.104	.094	.085	.071	.065	.060	.041	.038	.035	.013	.012	.011		
3.0	.108	.093	.081	.093	.080	.070	.064	.056	.049	.037	.033	.029	.012	.011	.009		
4.0	.097	.080	.067	.083	.069	.058	.057	.048	.041	.033	.028	.024	.011	.009	.008		
5.0	.088	.070	.056	.075	.060	.049	.052	.042	.035	.030	.025	.021	.010	.008	.007		
6.0	.080	.061	.048	.069	.053	.042	.047	.037	.029	.028	.022	.018	.009	.007	.006		
7.0	.073	.054	.041	.063	.047	.036	.044	.033	.025	.025	.019	.015	.008	.006	.005		
8.0	.067	.048	.035	.058	.042	.031	.040	.030	.022	.023	.017	.013	.008	.006	.004		
9.0	.062	.044	.031	.054	.038	.027	.037	.027	.019	.022	.016	.011	.007	.005	.004		
10.0	.058	.040	.027	.050	.034	.024	.035	.024	.017	.020	.014	.010	.007	.005	.003		

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2025-1-3

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-30H0600-A-83 Ra:97  
LENS:PM-1084 15R  
NOT DRIVER:48V  
30minutes warm-up

## UGR(Unified Glare Rating) Table

Test:U:47.997V I:0.1709A P:8.2027W PF:1.0000 Freq:49.99Hz Lamp Flux:692.395x1 lm										
NAME: OZ48-SB-40					TYPE:			WEIGHT:		
SPEC.: 3000K					DIM.:			SERIAL No.: 2501030010		
MFR.: RISE					SUR.: 0.000961625m2			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	9.1	9.6	9.3	9.8	9.9	8.8	9.4	9.0	9.5	9.7
3H	9.0	9.5	9.2	9.7	9.8	8.7	9.2	8.9	9.4	9.6
4H	8.9	9.4	9.2	9.6	9.8	8.6	9.1	8.9	9.3	9.5
6H	8.8	9.3	9.1	9.5	9.7	8.6	9.0	8.8	9.2	9.5
8H	8.8	9.2	9.1	9.5	9.7	8.5	8.9	8.8	9.2	9.4
12H	8.7	9.2	9.0	9.4	9.7	8.5	8.9	8.8	9.1	9.4
4H 2H	8.9	9.4	9.2	9.6	9.8	8.6	9.1	8.9	9.3	9.5
3H	8.7	9.2	9.0	9.4	9.7	8.5	8.9	8.8	9.1	9.4
4H	8.6	9.0	9.0	9.3	9.6	8.4	8.8	8.7	9.0	9.3
6H	8.5	8.9	8.9	9.2	9.6	8.3	8.6	8.6	8.9	9.3
8H	8.5	8.8	8.9	9.2	9.5	8.2	8.5	8.6	8.9	9.2
12H	8.4	8.7	8.8	9.1	9.5	8.2	8.5	8.6	8.8	9.2
8H 4H	8.5	8.8	8.9	9.2	9.5	8.2	8.5	8.6	8.9	9.2
6H	8.4	8.6	8.8	9.0	9.4	8.1	8.4	8.5	8.8	9.2
8H	8.3	8.6	8.7	9.0	9.4	8.0	8.3	8.5	8.7	9.1
12H	8.2	8.5	8.7	8.9	9.4	8.0	8.2	8.4	8.6	9.1
12H 4H	8.4	8.7	8.8	9.1	9.5	8.2	8.5	8.6	8.8	9.2
6H	8.3	8.6	8.7	9.0	9.4	8.0	8.3	8.5	8.7	9.1
8H	8.2	8.5	8.7	8.9	9.4	8.0	8.2	8.4	8.6	9.1
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 3.2 / -15.7					+ 3.2 / -15.1				
1.5H	+ 5.6 / -14.2					+ 5.6 / -13.6				
2.0H	+ 8.0 / - 9.5					+ 7.9 / - 8.8				

CIE Pub.117, 692.4 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -1.3)  
Area: 0.000961625 m2

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2025-1-3

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-30H0600-A-83 Ra:97  
LENS:PM-1084 15R  
NOT DRIVER:48V  
30minutes warm-up



### UTILIZATION FACTORS TABLE

Test:U:47.997V I:0.1709A P:8.2027W PF:1.0000 Freq:49.99Hz Lamp Flux:692.395x1 lm		
NAME: OZ48-SB-40	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2501030010
MFR.: RISE	SUR.: 0.000961625m2	Shielding Angle:

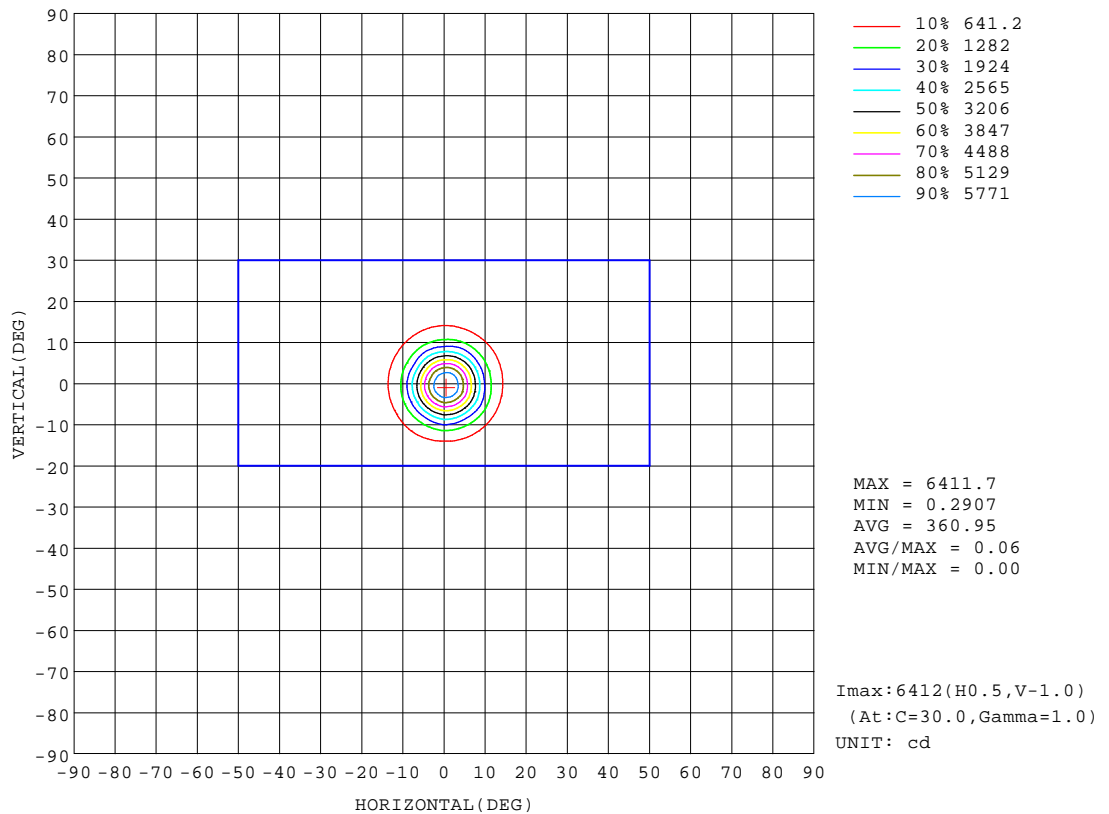
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	75	70	67	74	70	67	74	70	67	65
0.80	81	76	74	80	76	73	79	76	73	70
1.00	84	80	77	83	79	77	82	79	76	73
1.25	87	83	80	86	82	80	84	81	79	76
1.50	88	85	83	88	84	82	86	83	81	78
2.00	90	87	85	89	86	84	87	85	83	79
2.50	91	89	86	90	88	86	88	86	84	80
3.00	93	90	88	91	89	87	88	87	85	80
4.00	94	92	90	92	91	89	90	88	87	81
5.00	95	93	92	93	92	91	90	89	88	82
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:2025-1-3

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-30H0600-A-83 Ra:97  
LENS:PM-1084 15R  
NOT DRIVER:48V  
30minutes warm-up

## ISOCANDELA DIAGRAM

Test:U:47.997V I:0.1709A P:8.2027W PF:1.0000 Freq:49.99Hz Lamp Flux:692.395x1 lm		
NAME: OZ48-SB-40	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2501030010
MFR.: RISE	SUR.: 0.000961625m2	Shielding Angle:

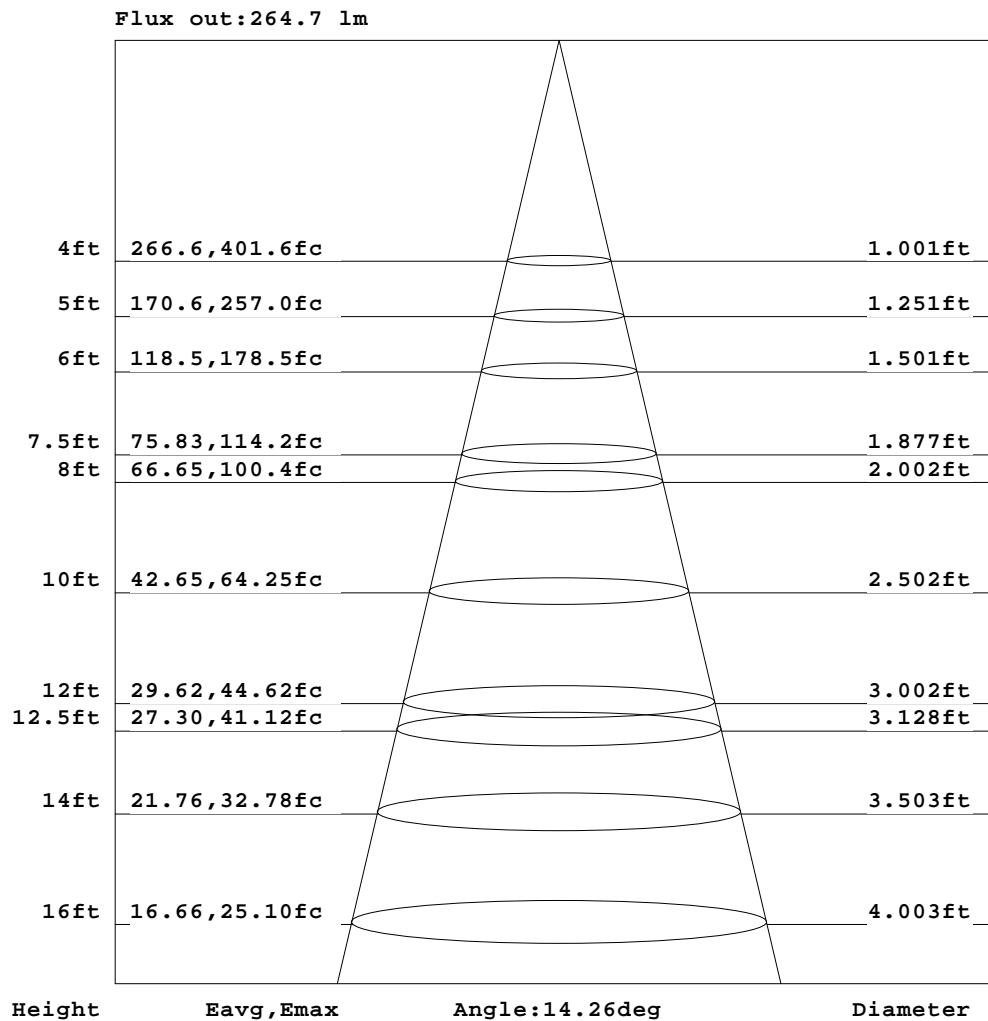


C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2025-1-3

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-30H0600-A-83 Ra:97  
LENS:PM-1084 15R  
NOT DRIVER:48V  
30minutes warm-up

## AAI Figure

Test:U:47.997V I:0.1709A P:8.2027W PF:1.0000 Freq:49.99Hz Lamp Flux:692.395x1 lm		
NAME: OZ48-SB-40	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2501030010
MFR.: RISE	SUR.: 0.000961625m2	Shielding Angle:



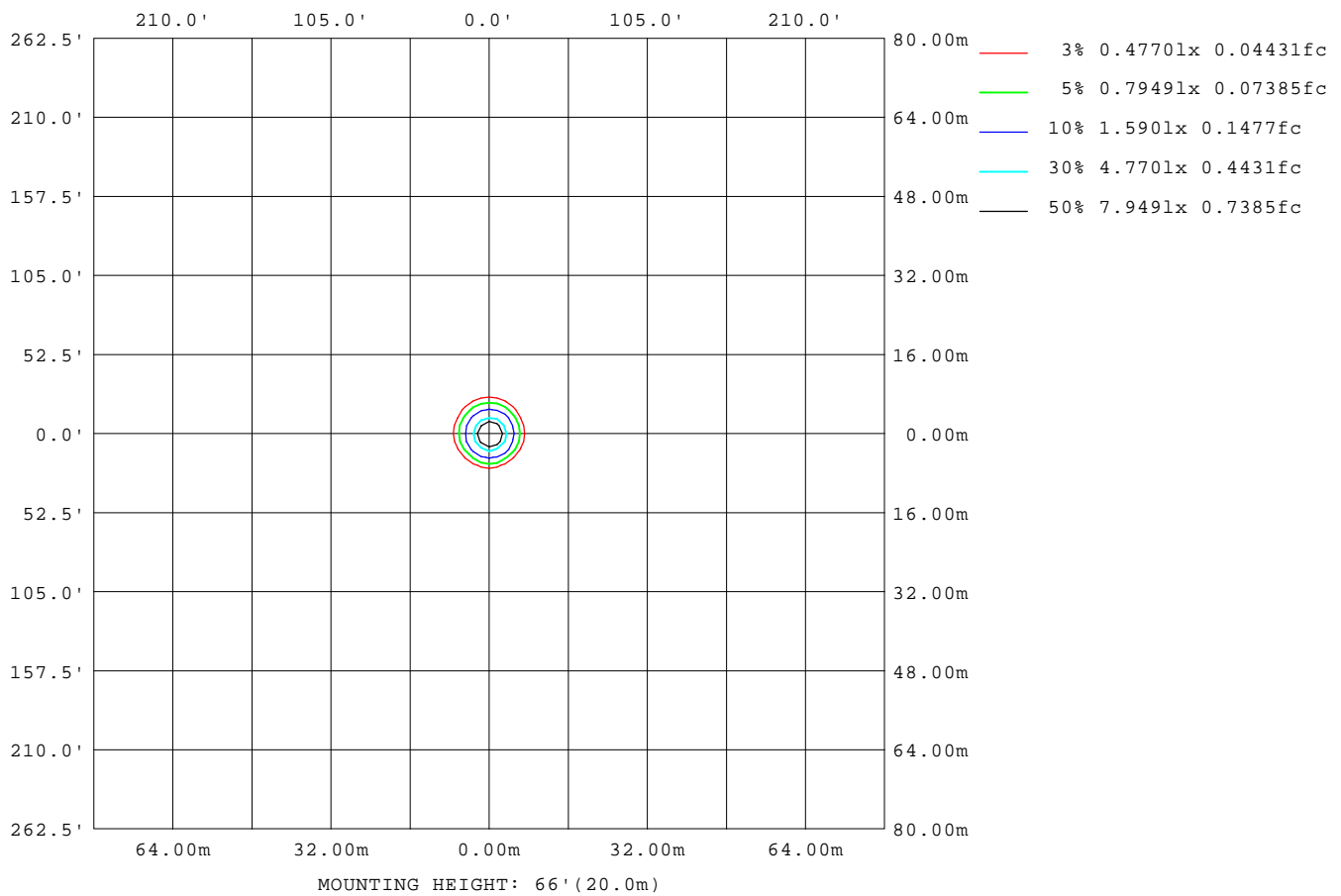
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2025-1-3

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-30H0600-A-83 Ra:97  
LENS:PM-1084 15R  
NOT DRIVER:48V  
30minutes warm-up

## ISOLUX DIAGRAM

Test:U:47.997V I:0.1709A P:8.2027W PF:1.0000 Freq:49.99Hz Lamp Flux:692.395x1 lm		
NAME: OZ48-SB-40	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2501030010
MFR.: RISE	SUR.: 0.000961625m2	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2025-1-3

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-30H0600-A-83 Ra:97  
LENS:PM-1084 15R  
NOT DRIVER:48V  
30minutes warm-up

## LED Avg.L Report

Test:U:47.997V I:0.1709A P:8.2027W PF:1.0000 Freq:49.99Hz Lamp Flux:692.395x1 lm		
NAME: OZ48-SB-40	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2501030010
MFR.: RISE	SUR.: 0.000961625m2	Shielding Angle:

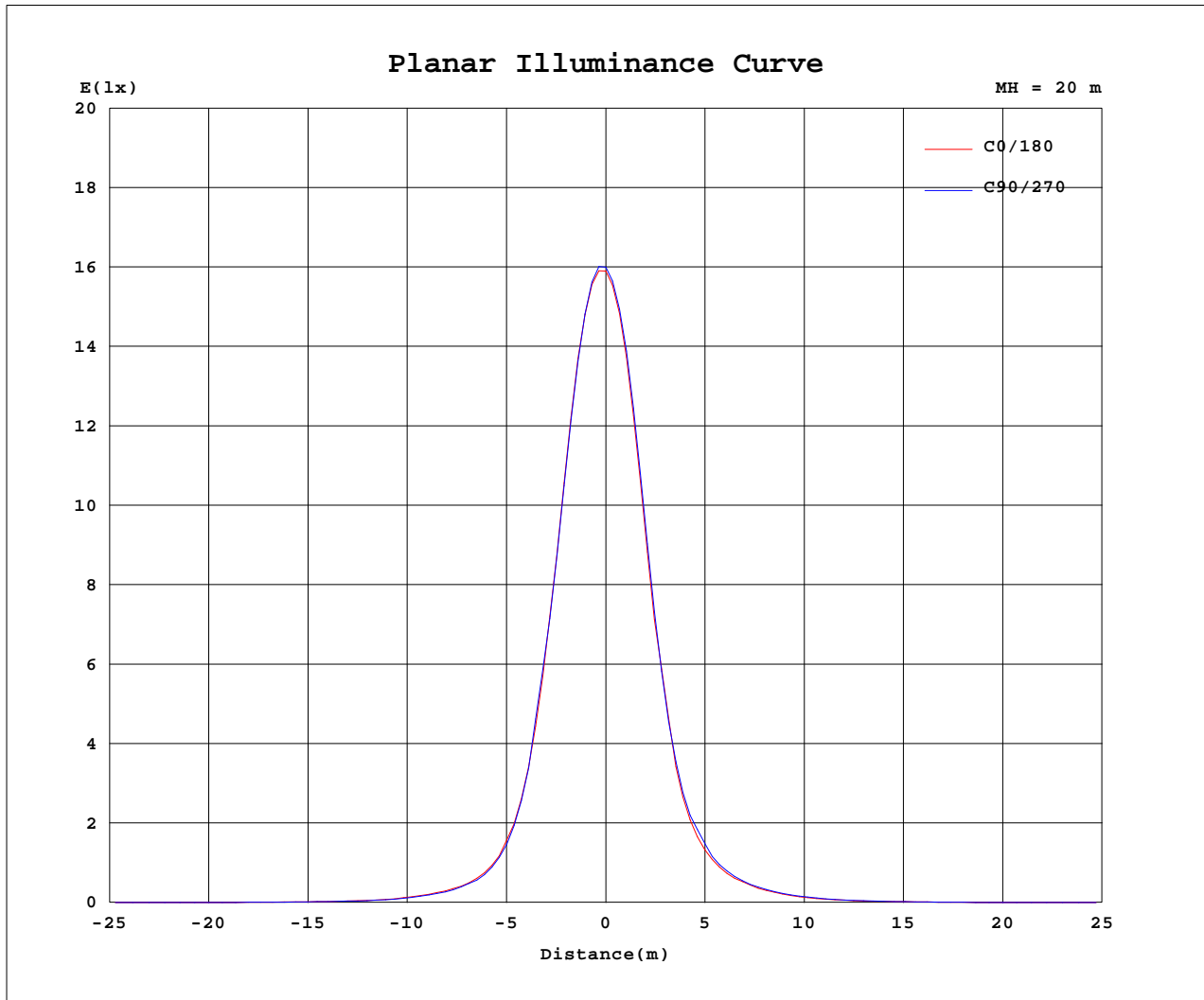
AvgL	cd/m2
L_0~180(65)av	254
L_0~180(75)av	141
L_0~180(85)av	247
L_90~270(65)av	246
L_90~270(75)av	121
L_90~270(85)av	218
L_45(65)av	243
L_45(75)av	113
L_45(85)av	104

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2025-1-3

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-30H0600-A-83 Ra:97  
LENS:PM-1084 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: 2025-1-3

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-30H0600-A-83 Ra: 97  
 LENS: PM-1084 15R  
 NOT DRIVER: 48V  
 30minutes warm-up



## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:47.997V I:0.1709A P:8.2027W PF:1.0000 Freq:49.99Hz Lamp Flux:692.395x1 lm		
NAME: OZ48-SB-40	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2501030010
MFR.: RISE	SUR.: 0.000961625m2	Shielding Angle:

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	6389	6389	6389	6389	6389	6389	6389	6389	6389	6389	6389	6389						
5	4973	5139	5038	4910	4653	4449	4309	4155	4237	4357	4616	4824						
10	1869	2088	1925	1933	1644	1531	1442	1363	1425	1487	1740	1770						
15	526	544	510	505	475	477	485	484	511	514	538	526						
20	202	204	182	193	185	203	215	214	232	223	231	210						
25	96.4	93.6	89.4	88.3	88.2	91.8	97.8	101	107	105	105	99.3						
30	41.4	39.9	38.4	38.4	38.3	41.1	44.8	47.0	49.7	48.7	47.2	43.9						
35	21.8	21.6	20.6	21.1	20.8	22.1	23.5	24.5	25.6	25.1	24.5	22.9						
40	11.7	11.4	10.8	10.9	10.9	11.5	12.2	12.4	12.9	12.9	12.7	12.2						
45	4.75	4.70	4.40	4.25	4.00	4.08	4.08	3.93	4.20	4.39	4.69	4.80						
50	0.93	0.96	0.87	0.83	0.71	0.77	0.72	0.68	0.72	0.75	0.75	0.91						
55	0.36	0.36	0.37	0.36	0.35	0.34	0.32	0.31	0.31	0.32	0.34	0.36						
60	0.24	0.24	0.25	0.24	0.24	0.23	0.21	0.21	0.20	0.22	0.23	0.25						
65	0.11	0.11	0.12	0.12	0.11	0.10	0.10	0.08	0.08	0.08	0.09	0.10						
70	0.05	0.06	0.06	0.06	0.05	0.04	0.04	0.04	0.03	0.04	0.03	0.04						
75	0.04	0.03	0.04	0.04	0.03	0.03	0.03	0.03	0.02	0.02	0.02	0.03						
80	0.03	0.02	0.02	0.03	0.02	0.02	0.03	0.02	0.01	0.02	0.01	0.02						
85	0.02	0.01	0.01	0.02	0.01	0.01	0.02	0.01	0.01	0.02	0.01	0.01						
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:2025-1-3

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-30H0600-A-83 Ra:97  
LENS:PM-1084 15R  
NOT DRIVER:48V  
30minutes warm-up