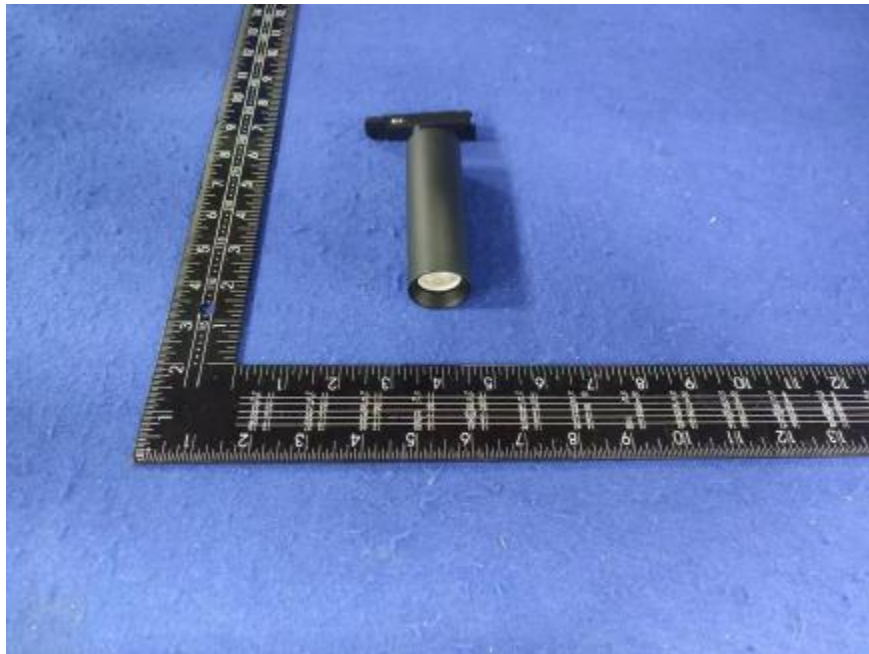


Luminaire Photograph



Light Output Ratio:	79.7%	
Luminaire Power:	6.508 W	
SHR Nominal:	0.75	Calculated using the TM5
SHR Maximum:	0.85	fine grid method.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: zoe
Test Date: 2024-12-19

Range: 0 - 180DEG
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-30G60T0-C-83 Ra: 90
LENS: PM-1117C 50R
NOT DRIVER: DC 48V
30minutes warm-up

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

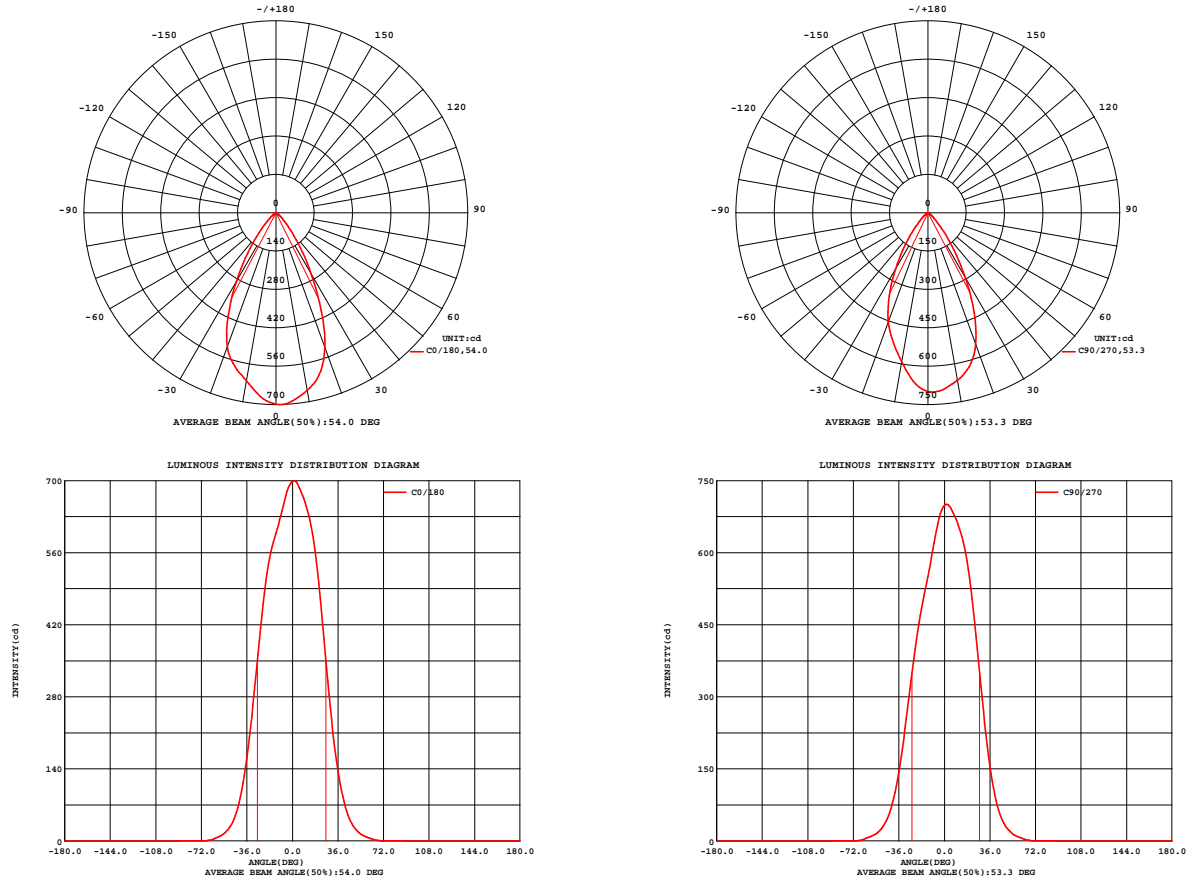


Fig. C0/C180

Fig. C90/C270

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: zoe
Test Date: 2024-12-19

Range: 0 - 180DEG
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-30G60T0-C-83 Ra: 90
LENS: PM-1117C 50R
NOT DRIVER: DC 48V
30minutes warm-up

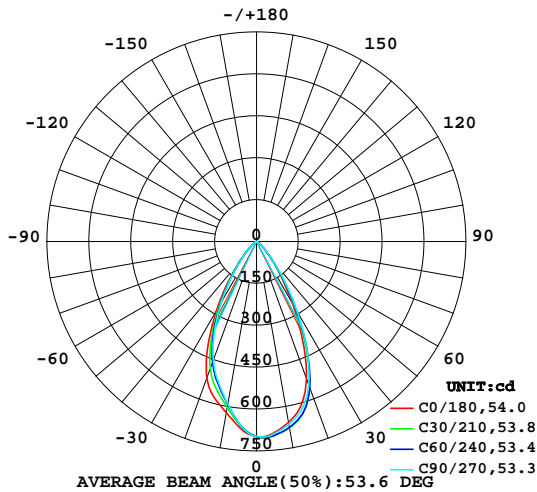
LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:47.997V I:0.1356A P:6.5084W PF:1.0000 Freq:49.99Hz
Lamp Flux:712.09x1 lm

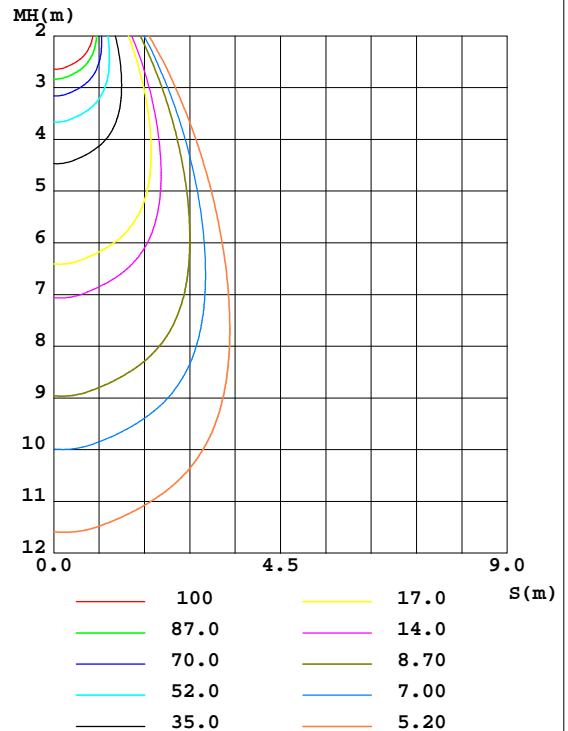
NAME: OZ48-SA-33-HE	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2412191475
MFR.: RISE	SUR.: 0.0007065m2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 87.17 lm/W			
MODEL	Bridgelux	I _{max} (cd)	702.8	S/MH(C0/180)	0.84
NOMINAL POWER(W)	6	LOR(%)	79.7	S/MH(C90/270)	0.78
RATED VOLTAGE(V)	48	TOTAL FLUX(lm)	567.31	UP,DN(C0-180)	0.0,41.5
NOMINAL FLUX(lm)	712.09	CIE CLASS	DIRECT	UP,DN(C180-360)	0.0,38.2
LAMPS INSIDE	1	up(%)	0.0	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	48	down(%)	79.7	CIBSE SHR MAX	0.85

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-12-19

Range: 0 - 180DEG
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-30G60T0-C-83 Ra:90
LENS:PM-1117C 50R
NOT DRIVER:DC 48V
30minutes warm-up

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

	C0	C45	C90	C135	C180	C225	C270	C315		zone	total	%lum,lamp
10	658.1	676.7	665.0	643.6	622.9	598.8	591.6	617.9	0- 10	63.27	63.27	11.2,8.89
20	522.9	556.0	547.2	540.3	519.9	473.5	453.3	477.3	10- 20	162.9	226.2	39.9,31.8
30	258.9	284.2	293.9	297.6	289.1	264.4	254.4	253.6	20- 30	180.2	406.4	71.6,57.1
40	86.43	91.47	95.84	98.23	98.40	92.73	89.86	87.24	30- 40	106.8	513.2	90.5,72.1
50	22.89	24.22	24.90	24.63	24.47	24.97	24.61	24.35	40- 50	38.84	552.0	97.3,77.5
60	6.637	7.092	7.122	6.753	6.231	7.042	7.462	7.584	50- 60	12.45	564.5	99.5,79.3
70	0.3608	0.3738	0.3383	0.2104	0.1439	0.1697	0.2467	0.3274	60- 70	2.742	567.2	100,79.7
80	0.0295	0.0253	0.0253	0.0222	0.0241	0.0192	0.0227	0.0220	70- 80	0.0688	567.3	100,79.7
90	0	0	0	0	0	0	0	0	80- 90	0.0136	567.3	100,79.7
100	0	0	0	0	0	0	0	0	90-100	0	567.3	100,79.7
110	0	0	0	0	0	0	0	0	100-110	0	567.3	100,79.7
120	0	0	0	0	0	0	0	0	110-120	0	567.3	100,79.7
130	0	0	0	0	0	0	0	0	120-130	0	567.3	100,79.7
140	0	0	0	0	0	0	0	0	130-140	0	567.3	100,79.7
150	0	0	0	0	0	0	0	0	140-150	0	567.3	100,79.7
160	0	0	0	0	0	0	0	0	150-160	0	567.3	100,79.7
170	0	0	0	0	0	0	0	0	160-170	0	567.3	100,79.7
180	0	0	0	0	0	0	0	0	170-180	0	567.3	100,79.7
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-12-19

Range: 0 - 180DEG
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-30G60T0-C-83 Ra:90
LENS:PM-1117C 50R
NOT DRIVER:DC 48V
30minutes warm-up

LUMINANCE LIMITATION CURVES

Test:U:47.997V I:0.1356A P:6.5084W PF:1.0000 Freq:49.99Hz
Lamp Flux:712.09x1 lm

NAME: OZ48-SA-33-HE

TYPE:

WEIGHT:

SPEC.: 3000K

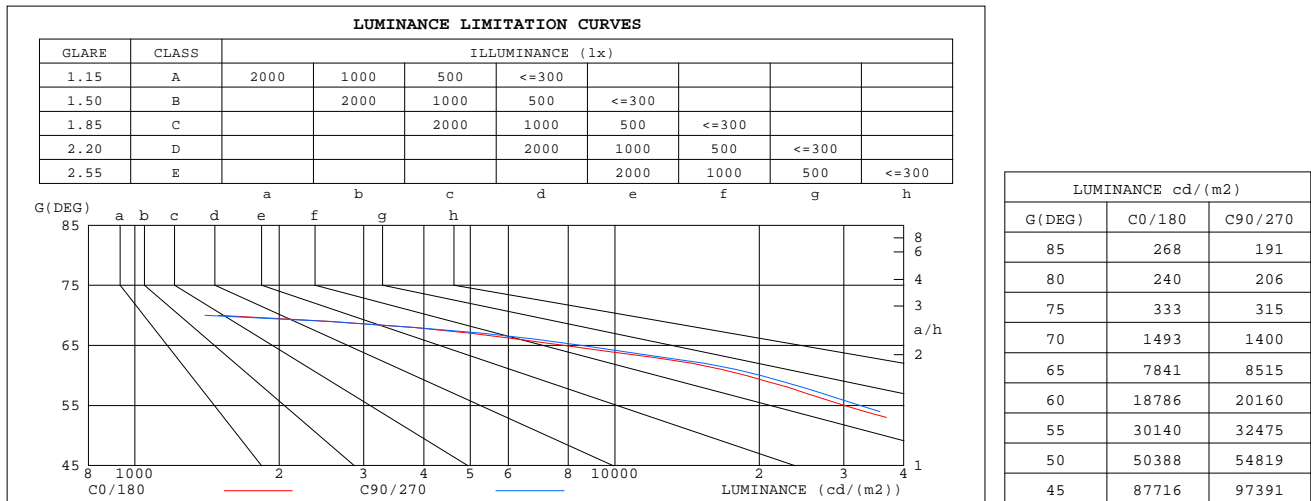
DIM.:

SERIAL No.: 2412191475

MFR.: RISE

SUR.: 0.0007065m2

Shielding Angle:



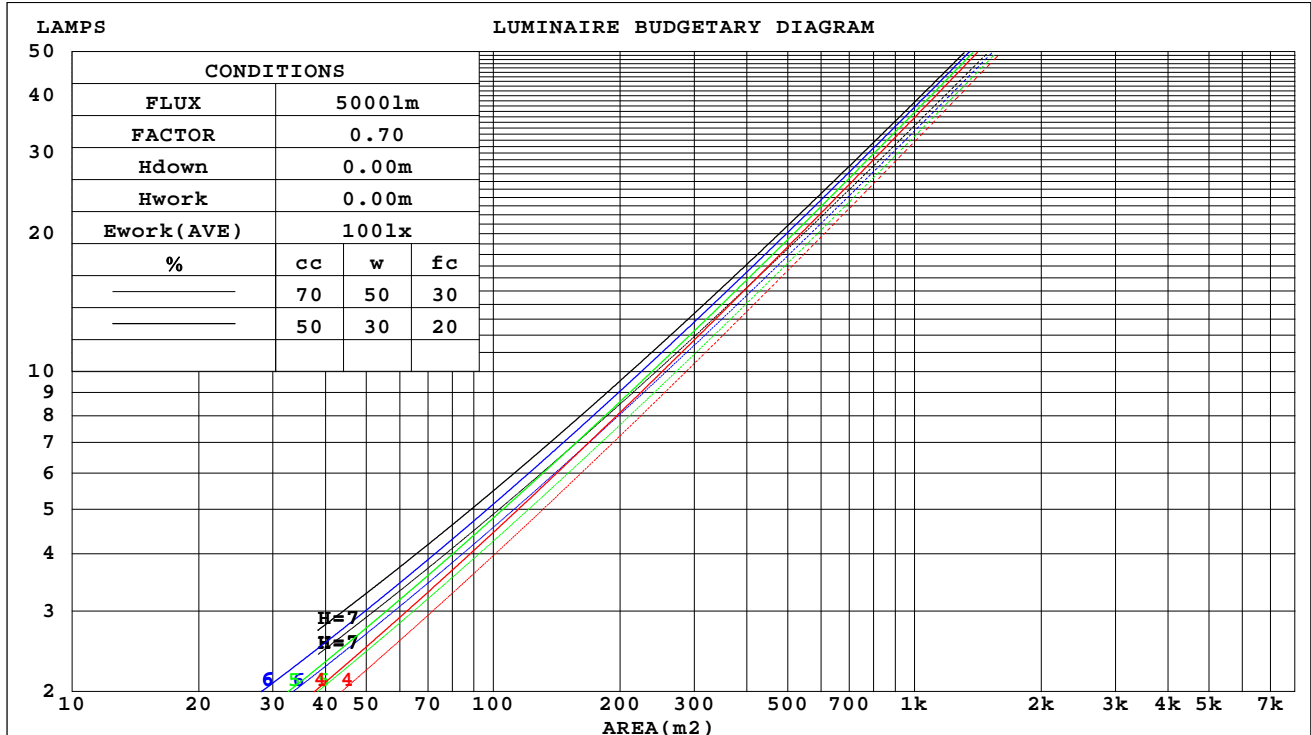
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-12-19

Range: 0 - 180DEG
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-30G60T0-C-83 Ra:90
LENS:PM-1117C 50R
NOT DRIVER:DC 48V
30minutes warm-up

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:47.997V I:0.1356A P:6.5084W PF:1.0000 Freq:49.99Hz Lamp Flux:712.09x1 lm		
NAME: OZ48-SA-33-HE	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2412191475
MFR.: RISE	SUR.: 0.0007065m2	Shielding Angle:

cc	80%			70%			50%			30%			10%			0
w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
fc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio			Coefficients of Utilization(CU)												
0.0	.95	.95	.95	.93	.93	.93	.89	.89	.89	.85	.85	.85	.81	.81	.81	.80
1.0	.88	.86	.84	.87	.85	.83	.83	.82	.81	.80	.79	.78	.78	.77	.76	.75
2.0	.82	.79	.76	.81	.78	.75	.78	.76	.74	.76	.74	.72	.74	.72	.71	.69
3.0	.76	.73	.69	.75	.72	.69	.73	.70	.68	.71	.69	.67	.70	.67	.66	.64
4.0	.71	.67	.64	.71	.66	.63	.69	.65	.63	.67	.64	.62	.66	.63	.61	.60
5.0	.67	.62	.59	.66	.62	.59	.65	.61	.58	.63	.60	.58	.62	.59	.57	.56
6.0	.63	.58	.55	.62	.58	.54	.61	.57	.54	.60	.56	.54	.59	.56	.53	.52
7.0	.59	.54	.51	.59	.54	.51	.58	.53	.51	.57	.53	.50	.56	.52	.50	.49
8.0	.56	.51	.48	.55	.51	.48	.54	.50	.47	.54	.50	.47	.53	.49	.47	.46
9.0	.53	.48	.45	.52	.48	.45	.51	.47	.45	.51	.47	.44	.50	.47	.44	.43
10.0	.50	.45	.42	.49	.45	.42	.49	.45	.42	.48	.44	.42	.48	.44	.42	.41



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-12-19

Range: 0 - 180DEG
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-30G60T0-C-83 Ra:90
LENS:PM-1117C 50R
NOT DRIVER:DC 48V
30minutes warm-up

WEC AND CCEC

Test:U:47.997V I:0.1356A P:6.5084W PF:1.0000 Freq:49.99Hz Lamp Flux:712.09x1 lm		
NAME: OZ48-SA-33-HE	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2412191475
MFR.: RISE	SUR.: 0.0007065m2	Shielding Angle:

cc	80%			70%			50%			30%			10%			0	
w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
fc	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.142	.081	.026	.136	.078	.025	.126	.072	.023	.117	.068	.022	.109	.063	.020		
2.0	.136	.075	.023	.132	.073	.022	.123	.069	.021	.115	.065	.020	.108	.061	.019		
3.0	.130	.069	.021	.126	.068	.020	.119	.064	.020	.112	.062	.019	.106	.059	.018		
4.0	.124	.064	.019	.121	.063	.019	.114	.061	.018	.109	.058	.018	.103	.056	.017		
5.0	.118	.060	.017	.115	.059	.017	.110	.057	.017	.105	.055	.016	.100	.053	.016		
6.0	.113	.057	.016	.110	.056	.016	.106	.054	.016	.101	.052	.015	.097	.051	.015		
7.0	.108	.053	.015	.106	.053	.015	.101	.051	.015	.097	.050	.015	.094	.049	.014		
8.0	.103	.050	.014	.101	.050	.014	.097	.049	.014	.094	.048	.014	.090	.046	.014		
9.0	.099	.048	.013	.097	.047	.013	.094	.046	.013	.090	.045	.013	.087	.044	.013		
10.0	.095	.045	.013	.093	.045	.013	.090	.044	.012	.087	.043	.012	.084	.042	.012		

cc	80%			70%			50%			30%			10%			0
w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
fc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio			Ceiling Cavity Exitance Coefficients(CCEC)												
0.0	.152	.152	.152	.130	.130	.130	.089	.089	.089	.051	.051	.051	.016	.016	.016	
1.0	.136	.125	.115	.117	.108	.099	.080	.074	.069	.046	.043	.040	.015	.014	.013	
2.0	.124	.106	.090	.107	.091	.078	.073	.063	.054	.042	.037	.032	.014	.012	.010	
3.0	.115	.090	.071	.098	.078	.062	.067	.054	.043	.039	.032	.026	.013	.010	.008	
4.0	.107	.079	.058	.091	.068	.050	.063	.047	.035	.036	.028	.021	.012	.009	.007	
5.0	.100	.070	.047	.086	.060	.041	.059	.042	.029	.034	.025	.017	.011	.008	.006	
6.0	.094	.062	.039	.081	.054	.034	.056	.038	.024	.032	.022	.014	.010	.007	.005	
7.0	.089	.056	.033	.076	.049	.029	.053	.034	.021	.031	.020	.012	.010	.007	.004	
8.0	.084	.051	.029	.073	.044	.025	.050	.031	.018	.029	.018	.011	.009	.006	.003	
9.0	.080	.047	.025	.069	.041	.022	.048	.029	.015	.028	.017	.009	.009	.006	.003	
10.0	.077	.044	.022	.066	.038	.019	.046	.027	.013	.027	.016	.008	.009	.005	.003	

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-12-19

Range: 0 - 180DEG
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-30G60T0-C-83 Ra:90
LENS:PM-1117C 50R
NOT DRIVER:DC 48V
30minutes warm-up

UGR(Unified Glare Rating) Table

Test:U:47.997V I:0.1356A P:6.5084W PF:1.0000 Freq:49.99Hz Lamp Flux:712.09x1 lm										
NAME: OZ48-SA-33-HE					TYPE:			WEIGHT:		
SPEC.: 3000K					DIM.:			SERIAL No.: 2412191475		
MFR.: RISE					SUR.: 0.0007065m2			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	24.7	25.7	24.9	25.8	26.0	25.1	26.1	25.4	26.3	26.4
3H	24.5	25.4	24.8	25.6	25.8	25.0	25.9	25.2	26.1	26.3
4H	24.4	25.3	24.7	25.5	25.7	24.9	25.7	25.2	25.9	26.2
6H	24.4	25.1	24.7	25.4	25.6	24.8	25.6	25.1	25.8	26.1
8H	24.3	25.1	24.6	25.3	25.6	24.8	25.5	25.1	25.8	26.0
12H	24.3	25.0	24.6	25.2	25.5	24.7	25.4	25.0	25.7	26.0
4H 2H	24.5	25.3	24.8	25.5	25.8	24.9	25.8	25.2	26.0	26.2
3H	24.3	25.0	24.6	25.3	25.6	24.8	25.5	25.1	25.7	26.0
4H	24.2	24.9	24.6	25.2	25.5	24.7	25.3	25.0	25.6	25.9
6H	24.1	24.7	24.5	25.0	25.4	24.6	25.1	24.9	25.5	25.8
8H	24.1	24.6	24.5	25.0	25.3	24.5	25.0	24.9	25.4	25.8
12H	24.0	24.5	24.4	24.9	25.3	24.5	25.0	24.9	25.3	25.7
8H 4H	24.1	24.6	24.5	25.0	25.3	24.5	25.0	24.9	25.4	25.8
6H	24.0	24.4	24.4	24.8	25.2	24.4	24.9	24.8	25.2	25.7
8H	23.9	24.3	24.4	24.7	25.2	24.4	24.7	24.8	25.2	25.6
12H	23.9	24.2	24.3	24.6	25.1	24.3	24.6	24.8	25.1	25.5
12H 4H	24.0	24.5	24.4	24.9	25.3	24.5	25.0	24.9	25.3	25.7
6H	23.9	24.3	24.4	24.7	25.2	24.4	24.7	24.8	25.2	25.6
8H	23.9	24.2	24.3	24.6	25.1	24.3	24.6	24.8	25.1	25.5
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 2.7 / - 7.6					+ 3.0 / - 7.7				
1.5H	+ 4.3 / - 5.3					+ 4.7 / - 5.5				
2.0H	+ 4.8 / - 6.9					+ 5.1 / - 7.4				

CIE Pub.117, 712.1 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -1.2)
Area: 0.0007065 m2

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-12-19

Range: 0 - 180DEG
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-30G60T0-C-83 Ra:90
LENS:PM-1117C 50R
NOT DRIVER:DC 48V
30minutes warm-up

UTILIZATION FACTORS TABLE

Test:U:47.997V I:0.1356A P:6.5084W PF:1.0000 Freq:49.99Hz Lamp Flux:712.09x1 lm		
NAME: OZ48-SA-33-HE	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2412191475
MFR.: RISE	SUR.: 0.0007065m2	Shielding Angle:

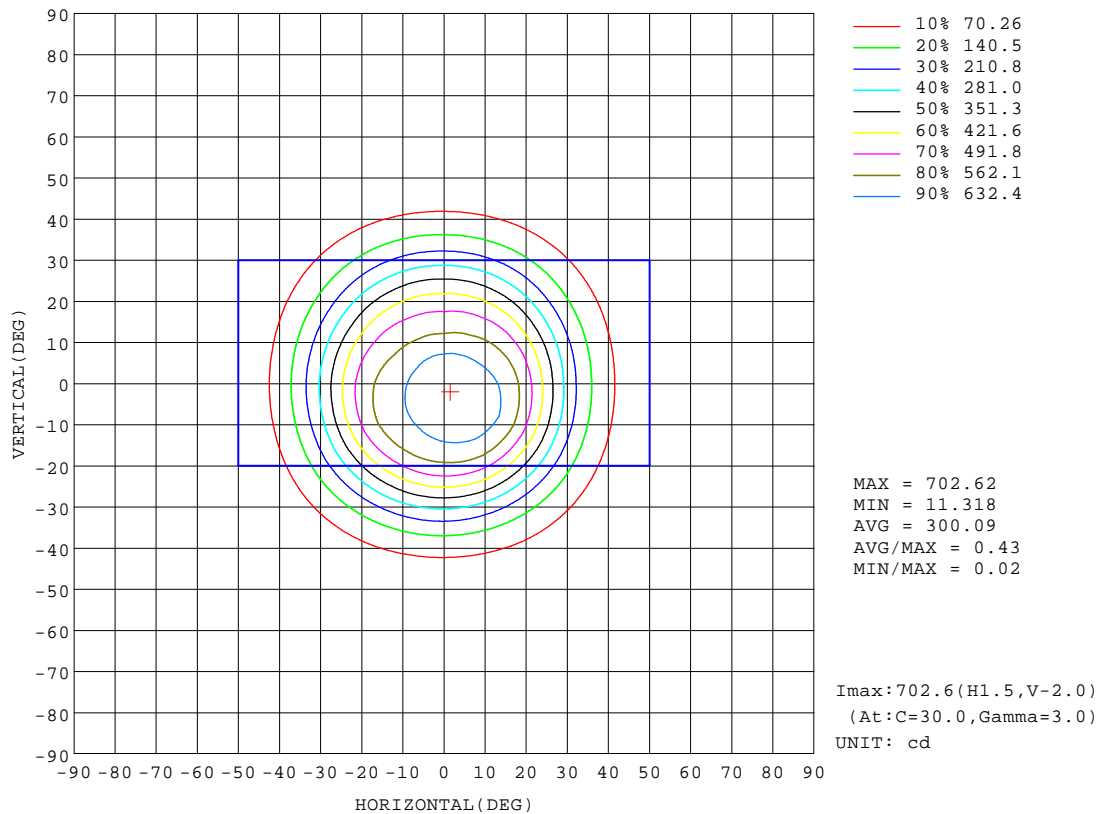
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	68	63	60	68	63	59	67	62	59	56
0.80	74	69	66	74	69	66	73	69	66	63
1.00	78	74	71	78	73	70	76	73	70	67
1.25	82	77	74	81	77	74	79	76	74	70
1.50	84	80	77	83	79	77	81	78	76	72
2.00	86	83	80	85	82	80	83	80	78	74
2.50	88	84	82	86	83	81	84	82	80	75
3.00	89	86	84	87	85	83	85	83	81	76
4.00	90	88	86	89	87	85	86	84	83	77
5.00	91	90	88	90	88	87	87	85	84	78
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:2024-12-19

Range: 0 - 180DEG
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-30G60T0-C-83 Ra:90
LENS:PM-1117C 50R
NOT DRIVER:DC 48V
30minutes warm-up

ISOCANDELA DIAGRAM

Test:U:47.997V I:0.1356A P:6.5084W PF:1.0000 Freq:49.99Hz Lamp Flux:712.09x1 lm		
NAME: OZ48-SA-33-HE	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2412191475
MFR.: RISE	SUR.: 0.0007065m2	Shielding Angle:

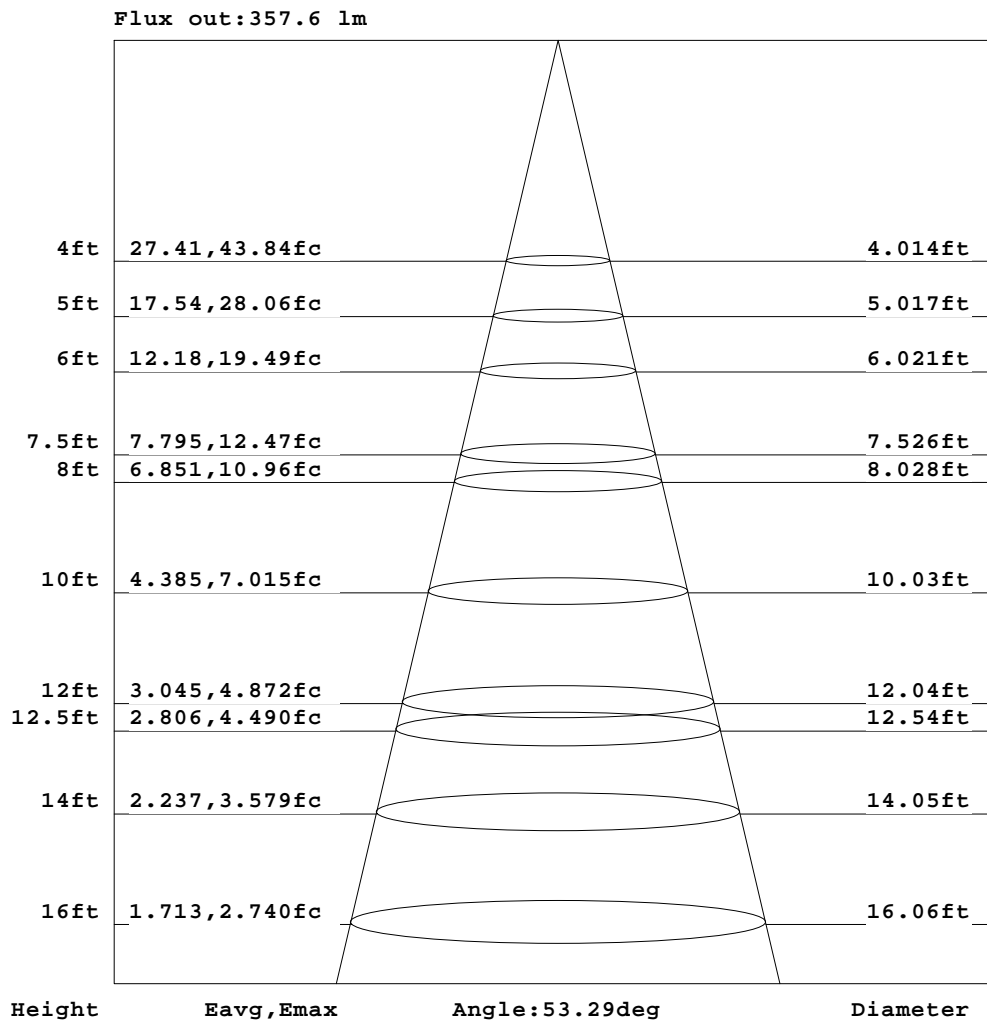


C Range: 0 - 360DEG
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Remarks: LAMP:BXRH-30G60T0-C-83 Ra:90
LENS:PM-1117C 50R
NOT DRIVER:DC 48V
30minutes warm-up

AAI Figure

Test:U:47.997V I:0.1356A P:6.5084W PF:1.0000 Freq:49.99Hz Lamp Flux:712.09x1 lm		
NAME: OZ48-SA-33-HE	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2412191475
MFR.: RISE	SUR.: 0.0007065m2	Shielding Angle:



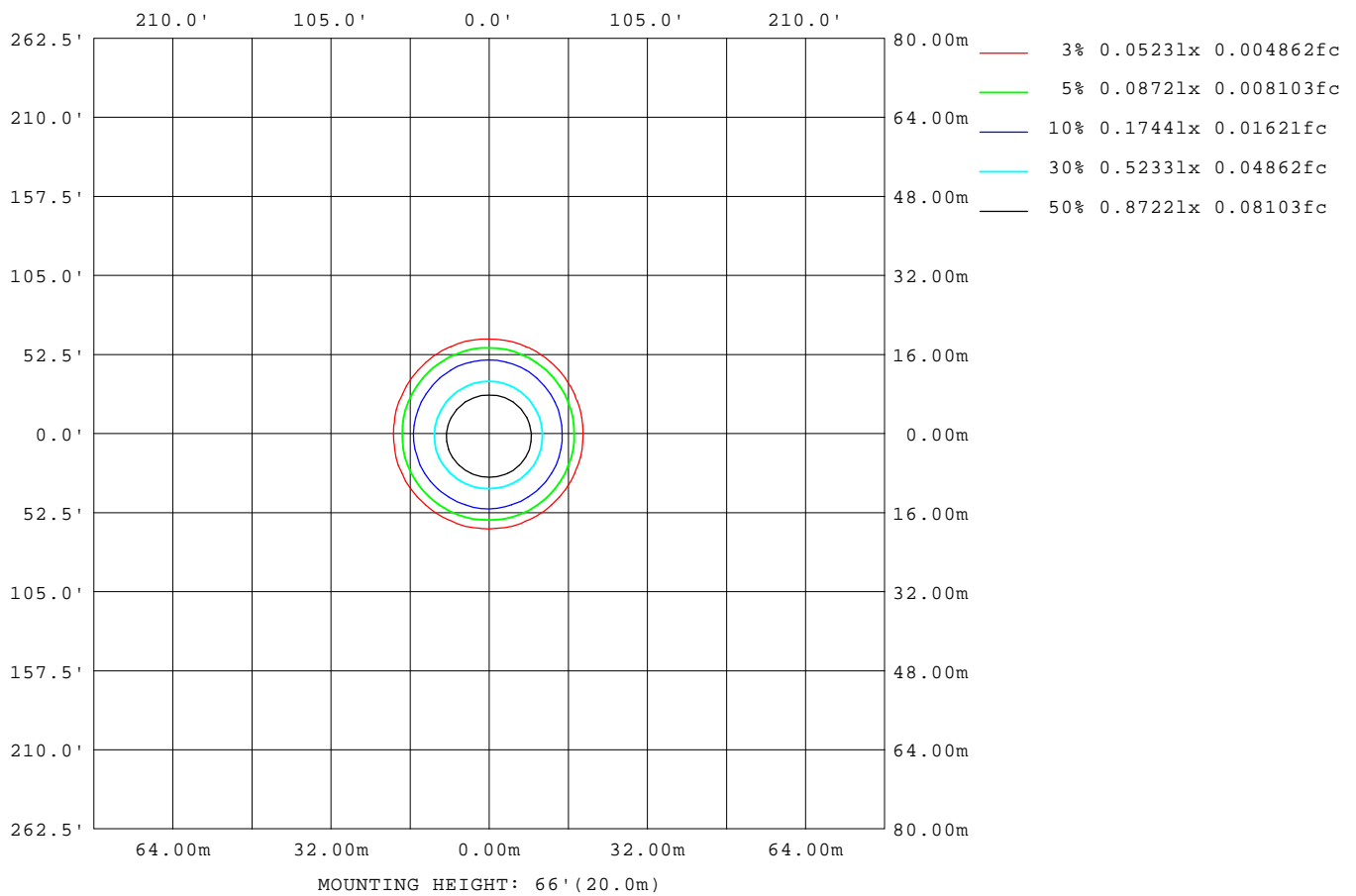
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: zoe
Test Date: 2024-12-19

Range: 0 - 180DEG
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-30G60T0-C-83 Ra: 90
LENS: PM-1117C 50R
NOT DRIVER: DC 48V
30minutes warm-up

ISOLUX DIAGRAM

Test:U:47.997V I:0.1356A P:6.5084W PF:1.0000 Freq:49.99Hz Lamp Flux:712.09x1 lm		
NAME: OZ48-SA-33-HE	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2412191475
MFR.: RISE	SUR.: 0.0007065m2	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3 °C
Operators:zoe
Test Date:2024-12-19

Range: 0 - 180DEG
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-30G60T0-C-83 Ra:90
LENS:PM-1117C 50R
NOT DRIVER:DC 48V
30minutes warm-up

LED Avg.L Report

Test:U:47.997V I:0.1356A P:6.5084W PF:1.0000 Freq:49.99Hz Lamp Flux:712.09x1 lm		
NAME: OZ48-SA-33-HE	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2412191475
MFR.: RISE	SUR.: 0.0007065m2	Shielding Angle:

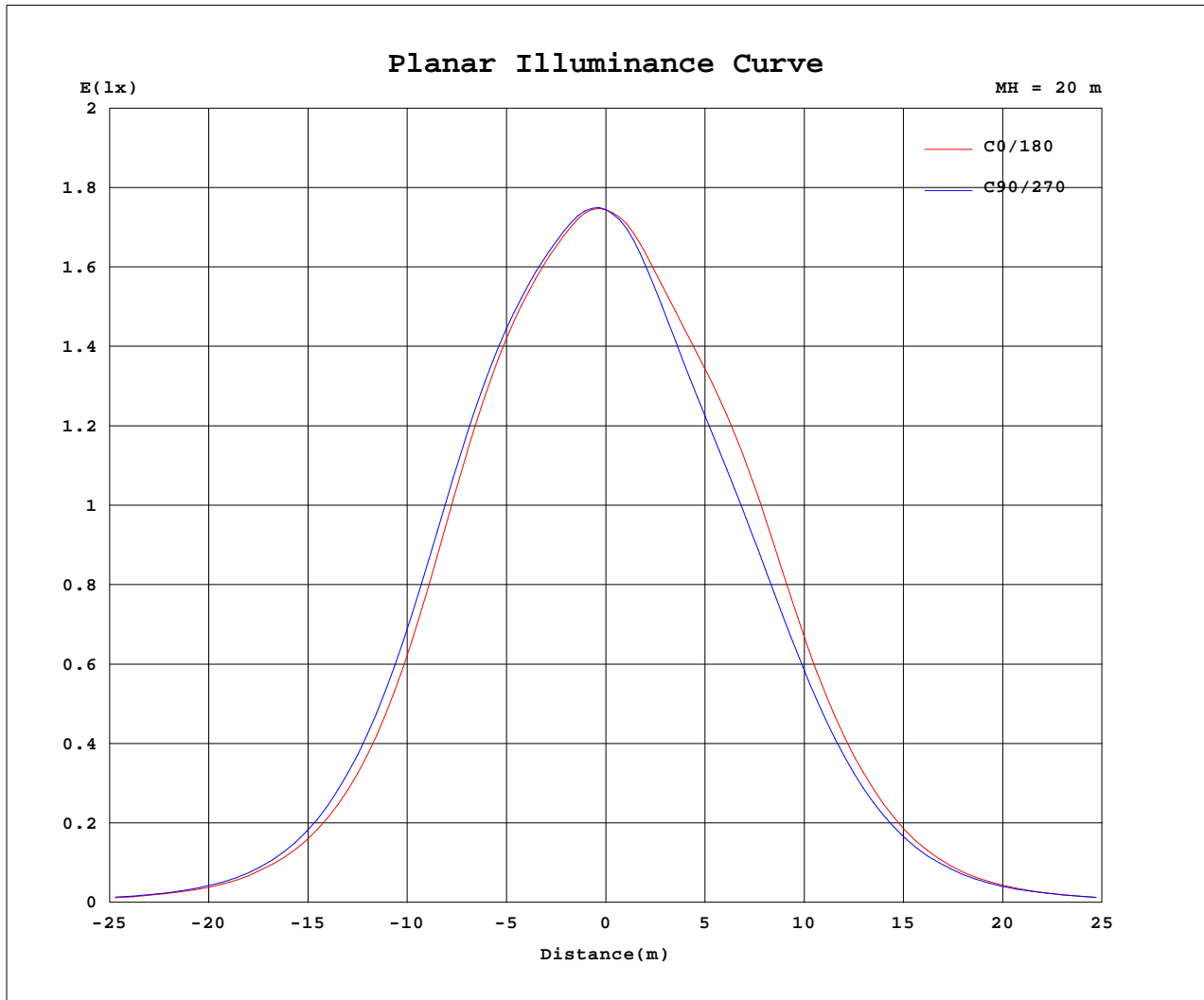
AvgL	cd/m2
L_0~180(65)av	6787
L_0~180(75)av	293
L_0~180(85)av	235
L_90~270(65)av	8355
L_90~270(75)av	292
L_90~270(85)av	194
L_45(65)av	7824
L_45(75)av	274
L_45(85)av	166

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-12-19

Range: 0 - 180DEG
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-30G60T0-C-83 Ra:90
LENS:PM-1117C 50R
NOT DRIVER:DC 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: 2024-12-19

Range: 0 - 180DEG
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-30G60T0-C-83 Ra:90
LENS: PM-1117C 50R
NOT DRIVER: DC 48V
30minutes warm-up



LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:47.997V I:0.1356A P:6.5084W PF:1.0000 Freq:49.99Hz Lamp Flux:712.09x1 lm		
NAME: OZ48-SA-33-HE	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2412191475
MFR.: RISE	SUR.: 0.0007065m2	Shielding Angle:

Table--1

UNIT: cd

C(DEG) (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	698	698	698	698	698	698	698	698	698	698	698	698						
5	689	698	698	693	684	677	671	662	660	661	668	678						
10	658	678	676	665	649	638	623	604	594	592	606	630						
15	611	639	638	623	610	602	581	551	531	525	541	573						
20	523	555	557	547	540	541	520	485	462	453	465	490						
25	392	421	428	427	426	430	413	383	367	359	364	372						
30	259	280	289	294	296	300	289	269	260	254	255	253						
35	156	167	172	178	180	185	180	169	165	160	158	154						
40	86.4	90.3	92.7	95.8	96.7	99.8	98.4	93.4	92.1	89.9	87.8	86.6						
45	43.8	45.9	47.4	48.7	48.6	49.7	49.3	48.0	48.2	46.5	46.2	44.8						
50	22.9	23.9	24.5	24.9	24.4	24.9	24.5	24.6	25.3	24.6	24.7	24.0						
55	12.2	12.7	13.2	13.2	13.0	13.2	12.6	13.2	13.8	13.5	13.6	13.2						
60	6.64	6.97	7.21	7.12	6.83	6.68	6.23	6.73	7.36	7.46	7.66	7.50						
65	2.34	2.52	2.49	2.54	2.18	1.94	1.71	1.92	2.21	2.45	2.67	2.69						
70	0.36	0.37	0.38	0.34	0.24	0.18	0.14	0.13	0.21	0.25	0.33	0.32						
75	0.06	0.06	0.06	0.06	0.05	0.05	0.05	0.04	0.04	0.05	0.05	0.05						
80	0.03	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02						
85	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	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
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