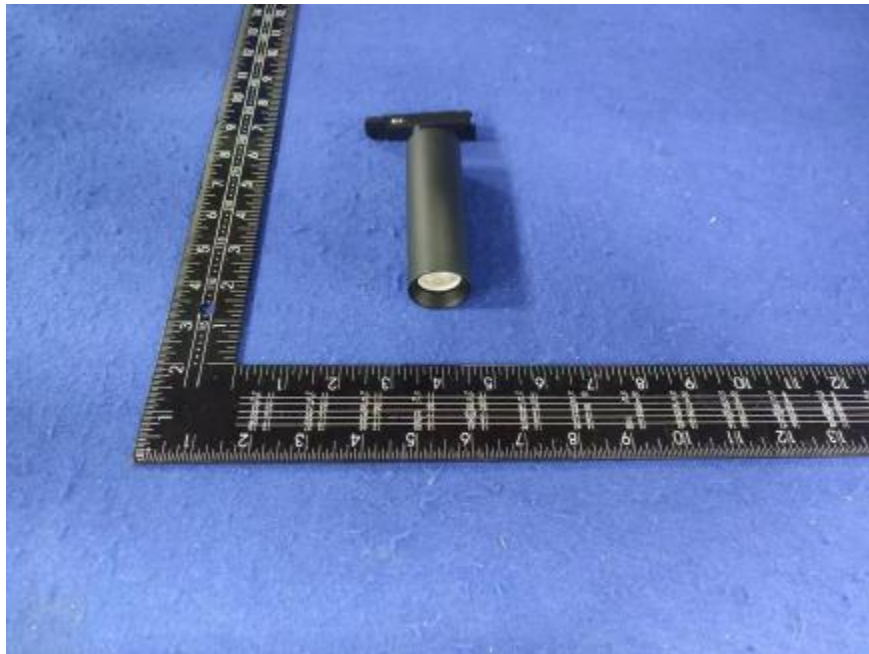


Luminaire Photograph



Light Output Ratio:	86.7%	
Luminaire Power:	6.504 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: 2024-12-19

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-30G60T0-C-83 Ra: 90
LENS: PM-1117A 24R
NOT DRIVER: DC 48V
30minutes warm-up

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

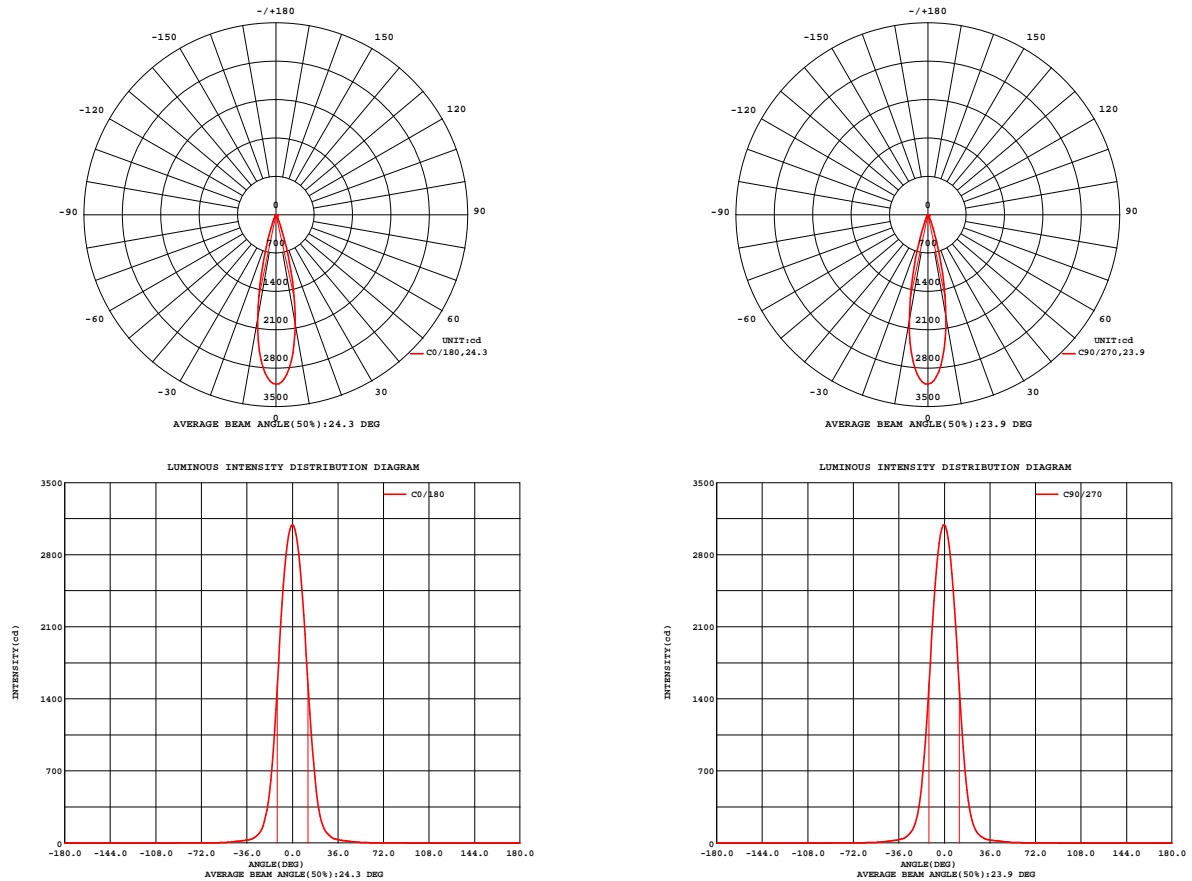


Fig. C0/C180

Fig. C90/C270

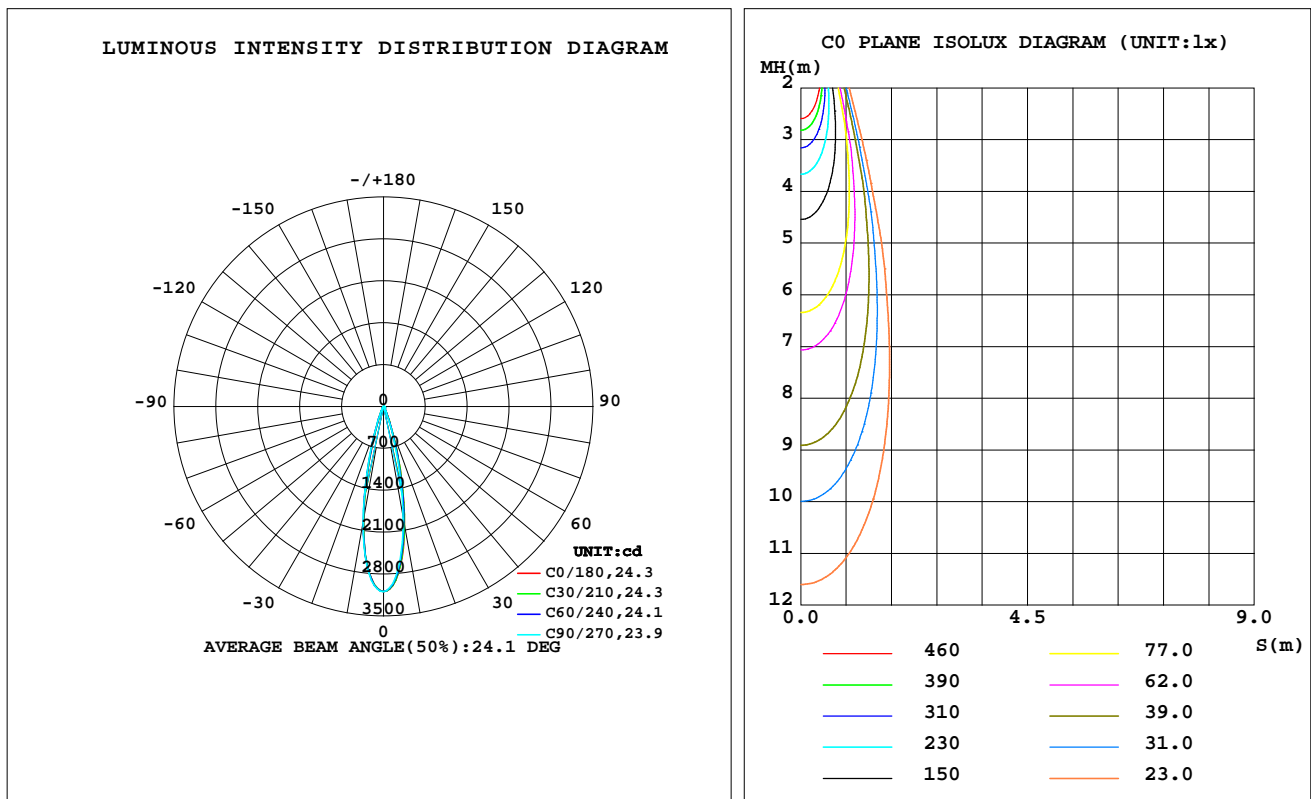
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: zoe
Test Date: 2024-12-19

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-30G60T0-C-83 Ra: 90
LENS: PM-1117A 24R
NOT DRIVER: DC 48V
30minutes warm-up

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:47.997V I:0.1355A P:6.5036W PF:1.0000 Freq:49.99Hz Lamp Flux:712.09x1 lm		
NAME: OZ48-SA-HE-33	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2412191473
MFR.: RISE	SUR.: 0.0007065m2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 94.93 lm/W			
MODEL	Bridgelux	I _{max} (cd)	3091	S/MH(C0/180)	0.39
NOMINAL POWER(W)	6	LOR(%)	86.7	S/MH(C90/270)	0.40
RATED VOLTAGE(V)	48	TOTAL FLUX(lm)	617.37	η UP,DN(C0-180)	0.0,42.9
NOMINAL FLUX(lm)	712.09	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,43.7
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	48	η down(%)	86.7	CIBSE SHR MAX	0.30



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

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-30G60T0-C-83 Ra:90
LENS:PM-1117A 24R
NOT DRIVER:DC 48V
30minutes warm-up

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	2026	1990	1900	1855	1929	1939	1974	2045	0- 10	239.2	239.2	38.7,33.6
20	403.9	381.2	330.6	296.5	318.6	325.3	353.7	407.0	10- 20	270.7	509.9	82.6,71.6
30	64.29	61.74	55.14	50.10	51.40	55.14	60.26	64.43	20- 30	67.09	577.0	93.5,81
40	23.80	23.74	22.60	21.87	21.46	22.62	23.81	24.57	30- 40	21.76	598.7	97,84.1
50	9.737	10.09	9.524	8.414	7.590	8.317	9.649	10.39	40- 50	12.21	610.9	99,85.8
60	3.124	3.423	3.365	2.974	2.395	2.874	3.496	3.688	50- 60	4.762	615.7	99.7,86.5
70	0.3227	0.3746	0.2862	0.1251	0.1075	0.1223	0.2014	0.3679	60- 70	1.601	617.3	100,86.7
80	0.0345	0.0244	0.0321	0.0248	0.0294	0.0226	0.0280	0.0221	70- 80	0.0623	617.4	100,86.7
90	0	0	0	0	0	0	0	0	80- 90	0.0177	617.4	100,86.7
100	0	0	0	0	0	0	0	0	90-100	0	617.4	100,86.7
110	0	0	0	0	0	0	0	0	100-110	0	617.4	100,86.7
120	0	0	0	0	0	0	0	0	110-120	0	617.4	100,86.7
130	0	0	0	0	0	0	0	0	120-130	0	617.4	100,86.7
140	0	0	0	0	0	0	0	0	130-140	0	617.4	100,86.7
150	0	0	0	0	0	0	0	0	140-150	0	617.4	100,86.7
160	0	0	0	0	0	0	0	0	150-160	0	617.4	100,86.7
170	0	0	0	0	0	0	0	0	160-170	0	617.4	100,86.7
180	0	0	0	0	0	0	0	0	170-180	0	617.4	100,86.7
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

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-30G60T0-C-83 Ra:90
 LENS:PM-1117A 24R
 NOT DRIVER:DC 48V
 30minutes warm-up

LUMINANCE LIMITATION CURVES

Test:U:47.997V I:0.1355A P:6.5036W PF:1.0000 Freq:49.99Hz
Lamp Flux:712.09x1 lm

NAME: OZ48-SA-HE-33

TYPE:

WEIGHT:

SPEC.: 3000K

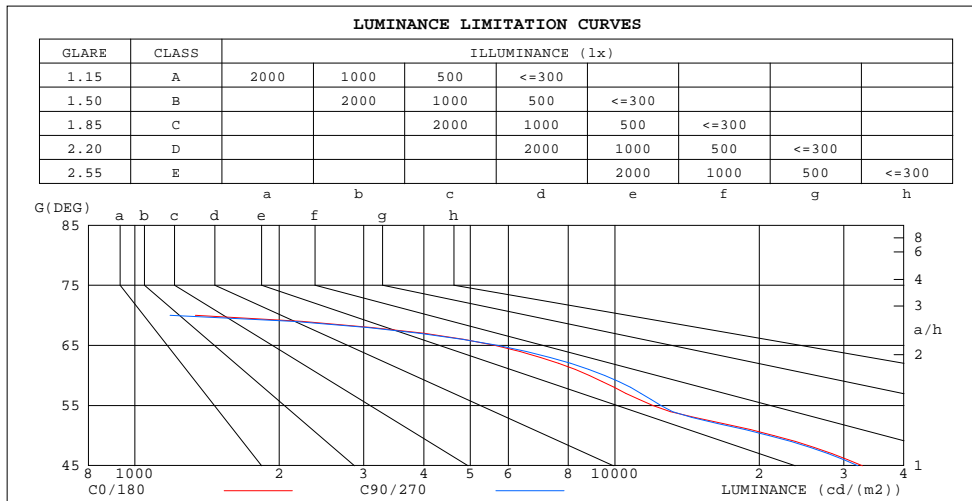
DIM.:

SERIAL No.: 2412191473

MFR.: RISE

SUR.: 0.0007065m2

Shielding Angle:



LUMINANCE cd/(m2)		
G(180)	G(270)	
85	408	317
80	281	262
75	314	294
70	1337	1184
65	5630	5702
60	8852	9526
55	12017	12492
50	21462	20971
45	32798	32112

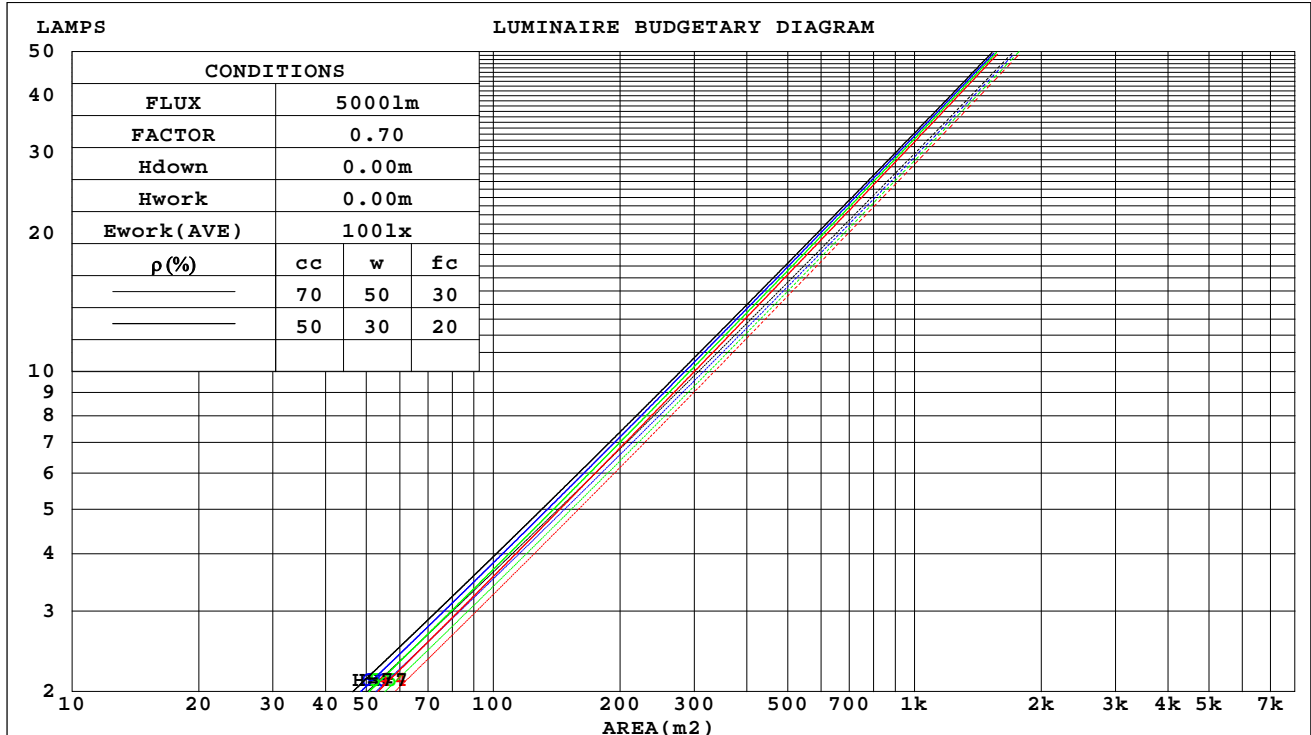
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-12-19

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-30G60T0-C-83 Ra:90
LENS:PM-1117A 24R
NOT DRIVER:DC 48V
30minutes warm-up

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:47.997V I:0.1355A P:6.5036W PF:1.0000 Freq:49.99Hz Lamp Flux:712.09x1 lm		
NAME: OZ48-SA-HE-33	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2412191473
MFR.: RISE	SUR.: 0.0007065m2	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						Coefficients of Utilization(CU)										
0.0	1.03	1.03	1.03	1.01	1.01	1.01	.96	.96	.96	.92	.92	.92	.88	.88	.88	.87	
1.0	.98	.96	.95	.96	.95	.93	.93	.92	.90	.89	.89	.88	.87	.86	.85	.84	
2.0	.93	.91	.89	.92	.90	.88	.89	.87	.86	.87	.85	.84	.85	.83	.82	.81	
3.0	.89	.86	.84	.88	.86	.83	.86	.84	.82	.84	.82	.81	.82	.81	.80	.78	
4.0	.86	.83	.80	.85	.82	.80	.83	.81	.79	.82	.80	.78	.80	.79	.77	.76	
5.0	.83	.80	.77	.82	.79	.77	.81	.78	.76	.80	.77	.75	.78	.76	.75	.74	
6.0	.80	.77	.74	.80	.76	.74	.79	.76	.73	.77	.75	.73	.76	.74	.73	.72	
7.0	.78	.74	.72	.77	.74	.72	.76	.73	.71	.75	.73	.71	.75	.72	.71	.70	
8.0	.76	.72	.70	.75	.72	.70	.74	.71	.69	.74	.71	.69	.73	.71	.69	.68	
9.0	.73	.70	.68	.73	.70	.68	.72	.69	.67	.72	.69	.67	.71	.69	.67	.66	
10.0	.72	.68	.66	.71	.68	.66	.71	.68	.66	.70	.67	.66	.70	.67	.65	.65	



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

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-30G60T0-C-83 Ra:90
LENS:PM-1117A 24R
NOT DRIVER:DC 48V
30minutes warm-up

WEC AND CCEC

Test:U:47.997V I:0.1355A P:6.5036W PF:1.0000 Freq:49.99Hz Lamp Flux:712.09x1 lm		
NAME: OZ48-SA-HE-33	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2412191473
MFR.: RISE	SUR.: 0.0007065m2	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	.117	.067	.021	.112	.064	.020	.101	.058	.019	.091	.053	.017	.082	.048	.015	
2.0	.109	.060	.018	.104	.057	.018	.095	.053	.016	.087	.049	.015	.080	.045	.014	
3.0	.101	.054	.016	.098	.052	.016	.090	.049	.015	.083	.046	.014	.077	.043	.013	
4.0	.095	.049	.015	.092	.048	.014	.085	.045	.014	.080	.043	.013	.074	.040	.012	
5.0	.089	.046	.013	.087	.044	.013	.081	.042	.012	.076	.040	.012	.072	.038	.012	
6.0	.084	.042	.012	.082	.041	.012	.077	.040	.012	.073	.038	.011	.069	.036	.011	
7.0	.080	.040	.011	.078	.039	.011	.074	.037	.011	.070	.036	.010	.067	.035	.010	
8.0	.076	.037	.010	.074	.037	.010	.071	.035	.010	.068	.034	.010	.064	.033	.010	
9.0	.073	.035	.010	.071	.035	.010	.068	.034	.010	.065	.033	.009	.062	.032	.009	
10.0	.069	.033	.009	.068	.033	.009	.065	.032	.009	.063	.031	.009	.060	.030	.009	

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	.165	.165	.165	.141	.141	.141	.096	.096	.096	.055	.055	.055	.018	.018	.018		
1.0	.146	.137	.128	.125	.117	.111	.085	.081	.076	.049	.047	.044	.016	.015	.014		
2.0	.130	.115	.102	.111	.099	.089	.076	.069	.062	.044	.040	.036	.014	.013	.012		
3.0	.117	.098	.083	.100	.085	.072	.069	.059	.051	.040	.034	.030	.013	.011	.010		
4.0	.106	.085	.069	.091	.073	.060	.063	.051	.042	.036	.030	.025	.012	.010	.008		
5.0	.097	.074	.057	.083	.064	.050	.057	.045	.035	.033	.026	.021	.011	.009	.007		
6.0	.089	.065	.048	.077	.057	.042	.053	.040	.030	.031	.023	.018	.010	.008	.006		
7.0	.083	.058	.041	.071	.051	.036	.049	.035	.026	.028	.021	.015	.009	.007	.005		
8.0	.077	.052	.036	.066	.045	.031	.046	.032	.022	.027	.019	.013	.009	.006	.004		
9.0	.072	.048	.031	.062	.041	.027	.043	.029	.019	.025	.017	.011	.008	.006	.004		
10.0	.067	.043	.027	.058	.038	.024	.040	.026	.017	.024	.016	.010	.008	.005	.003		

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

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-30G60T0-C-83 Ra:90
LENS:PM-1117A 24R
NOT DRIVER:DC 48V
30minutes warm-up

UGR(Unified Glare Rating) Table

Test:U:47.997V I:0.1355A P:6.5036W PF:1.0000 Freq:49.99Hz Lamp Flux:712.09x1 lm										
NAME: OZ48-SA-HE-33					TYPE:			WEIGHT:		
SPEC.: 3000K					DIM.:			SERIAL No.: 2412191473		
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	15.8	16.4	16.0	16.6	16.7	15.6	16.3	15.8	16.4	16.6
3H	15.7	16.3	16.0	16.5	16.7	15.6	16.2	15.8	16.4	16.5
4H	15.7	16.2	15.9	16.4	16.6	15.5	16.1	15.8	16.3	16.5
6H	15.6	16.1	15.8	16.3	16.6	15.4	16.0	15.7	16.2	16.4
8H	15.5	16.0	15.8	16.3	16.5	15.4	15.9	15.7	16.1	16.4
12H	15.5	16.0	15.8	16.2	16.5	15.3	15.8	15.6	16.1	16.3
4H 2H	15.7	16.3	16.0	16.5	16.7	15.6	16.2	15.8	16.4	16.6
3H	15.6	16.1	16.0	16.4	16.7	15.5	16.0	15.8	16.3	16.5
4H	15.6	16.0	15.9	16.3	16.6	15.4	15.9	15.7	16.1	16.4
6H	15.4	15.9	15.8	16.2	16.5	15.3	15.7	15.7	16.0	16.4
8H	15.4	15.8	15.8	16.1	16.5	15.2	15.6	15.6	16.0	16.3
12H	15.3	15.7	15.7	16.1	16.4	15.2	15.5	15.6	15.9	16.3
8H 4H	15.4	15.8	15.8	16.1	16.5	15.2	15.6	15.6	16.0	16.3
6H	15.3	15.6	15.7	16.0	16.4	15.1	15.4	15.5	15.8	16.2
8H	15.2	15.5	15.7	15.9	16.4	15.1	15.3	15.5	15.8	16.2
12H	15.2	15.4	15.6	15.8	16.3	15.0	15.2	15.5	15.7	16.2
12H 4H	15.3	15.7	15.7	16.1	16.4	15.2	15.5	15.6	15.9	16.3
6H	15.2	15.5	15.7	15.9	16.4	15.1	15.3	15.5	15.8	16.2
8H	15.2	15.4	15.6	15.8	16.3	15.0	15.2	15.5	15.7	16.2
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 1.9 / - 4.5					+ 1.9 / - 4.0				
1.5H	+ 2.3 / - 3.6					+ 1.9 / - 3.0				
2.0H	+ 4.2 / - 3.9					+ 4.0 / - 4.1				

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

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-30G60T0-C-83 Ra:90
LENS:PM-1117A 24R
NOT DRIVER:DC 48V
30minutes warm-up

UTILIZATION FACTORS TABLE

Test:U:47.997V I:0.1355A P:6.5036W PF:1.0000 Freq:49.99Hz Lamp Flux:712.09x1 lm		
NAME: OZ48-SA-HE-33	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2412191473
MFR.: RISE	SUR.: 0.0007065m2	Shielding Angle:

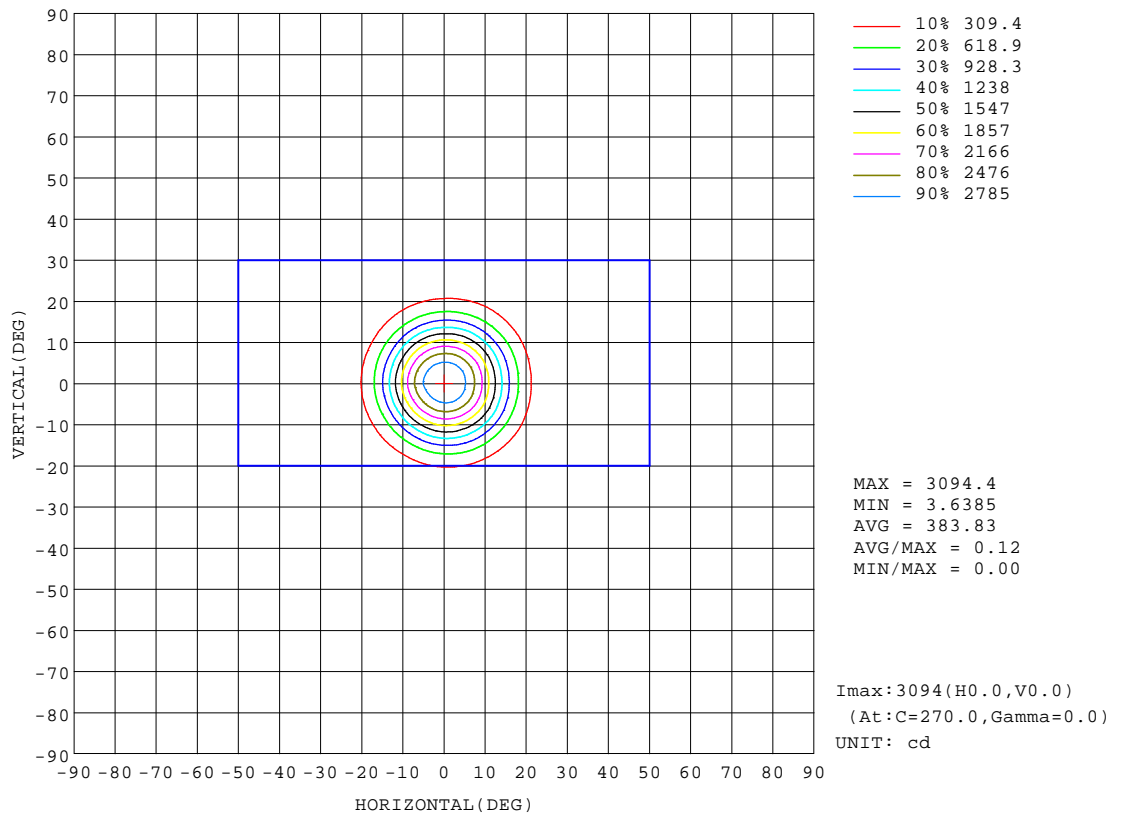
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	78	73	70	77	72	69	77	72	69	66
0.80	84	79	76	83	79	76	82	78	76	73
1.00	87	83	80	87	83	80	85	82	79	76
1.25	91	86	84	90	86	83	88	85	83	79
1.50	93	89	86	92	88	86	90	87	85	81
2.00	95	91	89	94	91	88	91	89	87	83
2.50	96	93	91	95	92	90	92	90	88	83
3.00	97	95	92	96	93	92	93	91	90	84
4.00	99	97	95	97	95	94	94	93	92	86
5.00	100	98	97	98	97	95	95	94	93	86
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

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-30G60T0-C-83 Ra:90
LENS:PM-1117A 24R
NOT DRIVER:DC 48V
30minutes warm-up

ISOCANDELA DIAGRAM

Test:U:47.997V I:0.1355A P:6.5036W PF:1.0000 Freq:49.99Hz Lamp Flux:712.09x1 lm		
NAME: OZ48-SA-HE-33	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2412191473
MFR.: RISE	SUR.: 0.0007065m2	Shielding Angle:

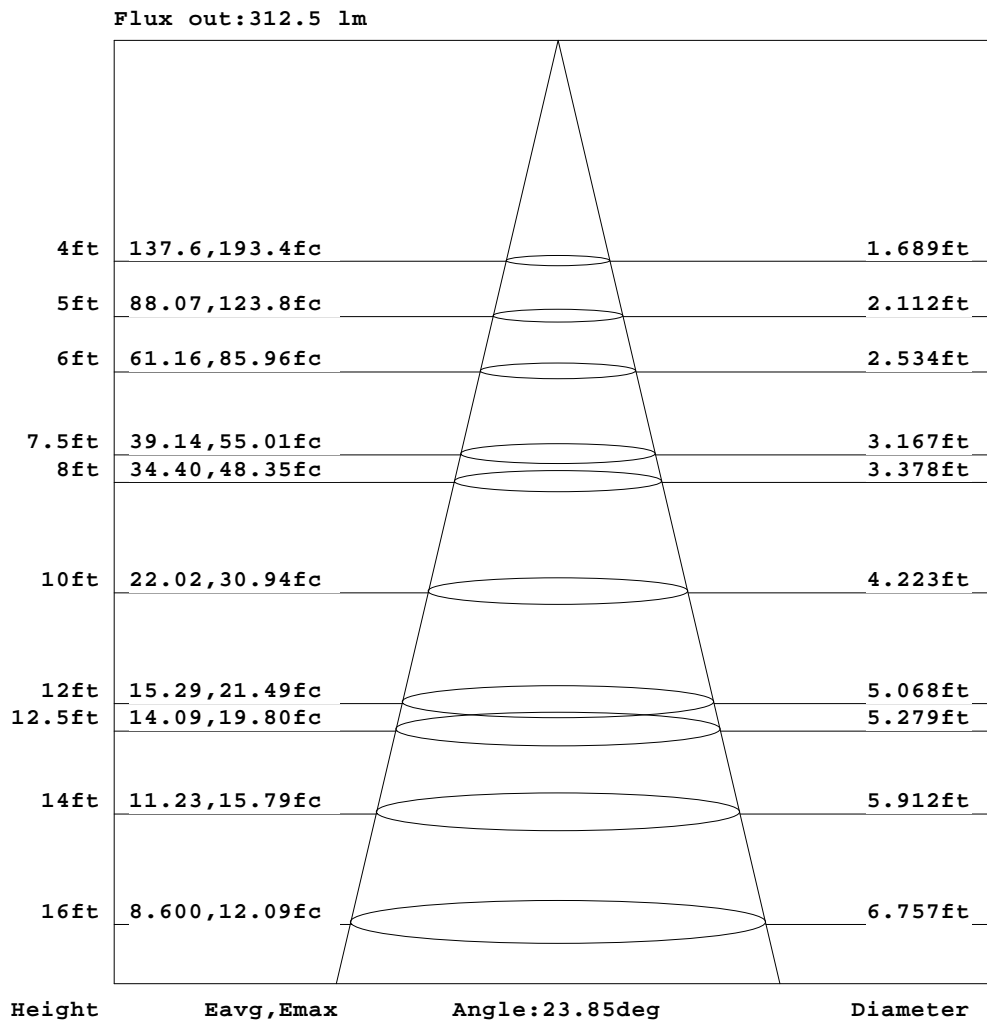


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-12-19

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-30G60T0-C-83 Ra:90
LENS:PM-1117A 24R
NOT DRIVER:DC 48V
30minutes warm-up

AAI Figure

Test:U:47.997V I:0.1355A P:6.5036W PF:1.0000 Freq:49.99Hz Lamp Flux:712.09x1 lm		
NAME: OZ48-SA-HE-33	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2412191473
MFR.: RISE	SUR.: 0.0007065m2	Shielding Angle:



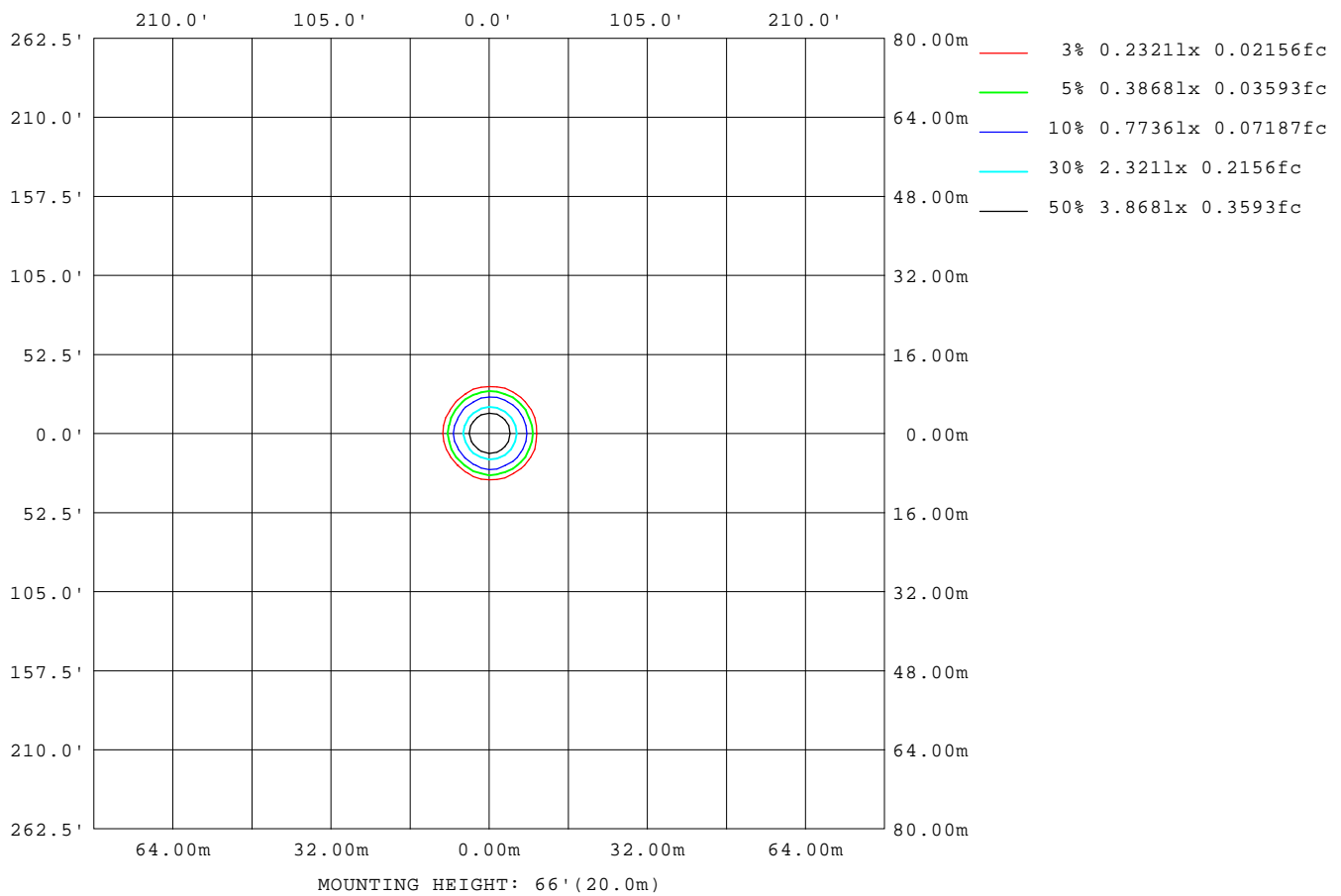
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

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-30G60T0-C-83 Ra: 90
LENS: PM-1117A 24R
NOT DRIVER: DC 48V
30minutes warm-up

ISOLUX DIAGRAM

Test:U:47.997V I:0.1355A P:6.5036W PF:1.0000 Freq:49.99Hz Lamp Flux:712.09x1 lm		
NAME: OZ48-SA-HE-33	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2412191473
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

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-30G60T0-C-83 Ra:90
LENS:PM-1117A 24R
NOT DRIVER:DC 48V
30minutes warm-up

LED Avg.L Report

Test:U:47.997V I:0.1355A P:6.5036W PF:1.0000 Freq:49.99Hz Lamp Flux:712.09x1 lm		
NAME: OZ48-SA-HE-33	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2412191473
MFR.: RISE	SUR.: 0.0007065m2	Shielding Angle:

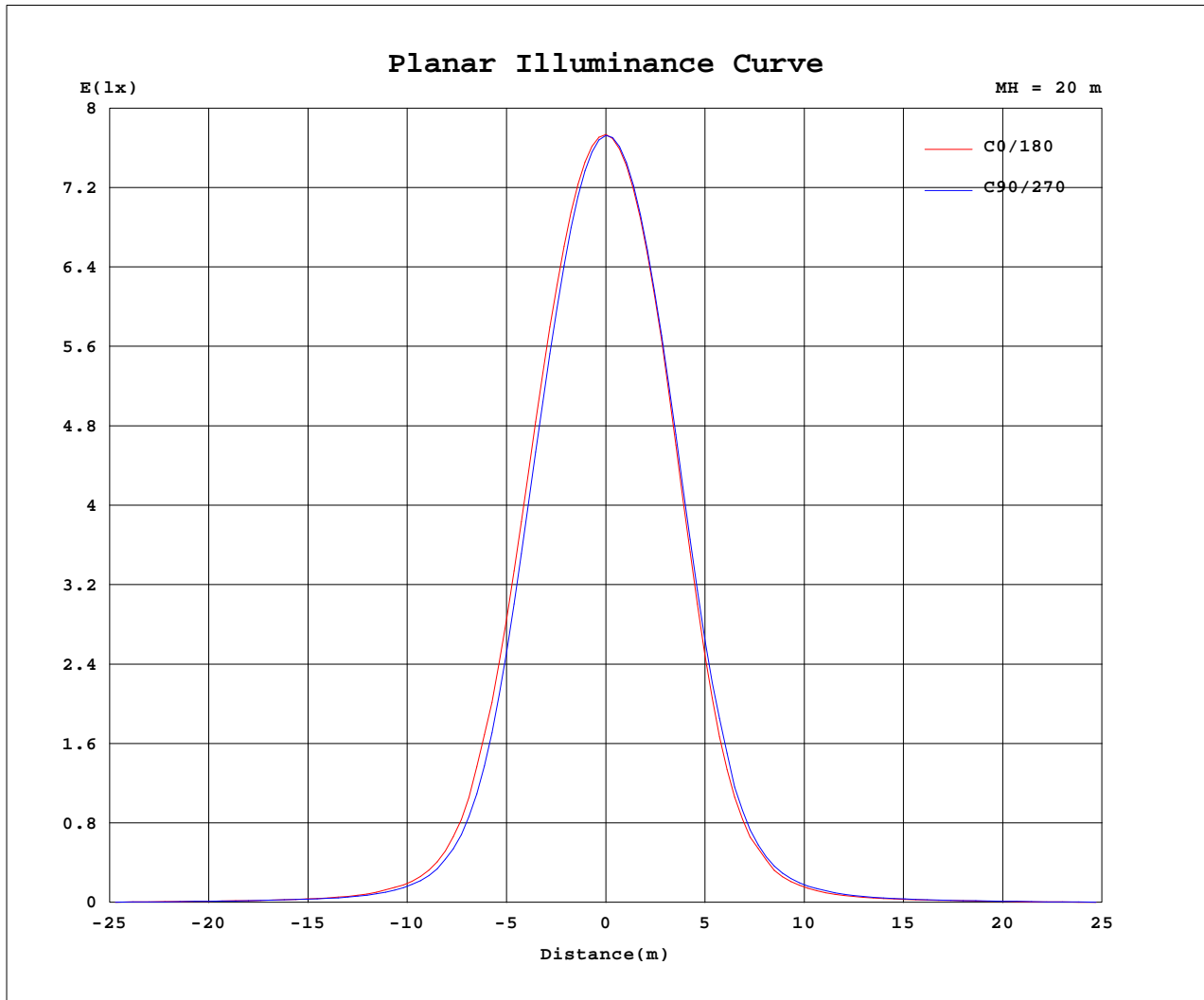
AvgL	cd/m2
L_0~180(65)av	4750
L_0~180(75)av	286
L_0~180(85)av	382
L_90~270(65)av	5789
L_90~270(75)av	276
L_90~270(85)av	342
L_45(65)av	5375
L_45(75)av	248
L_45(85)av	201

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

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-30G60T0-C-83 Ra:90
LENS:PM-1117A 24R
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

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-30G60T0-C-83 Ra: 90
 LENS: PM-1117A 24R
 NOT DRIVER: DC 48V
 30minutes warm-up



LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:47.997V I:0.1355A P:6.5036W PF:1.0000 Freq:49.99Hz Lamp Flux:712.09x1 lm		
NAME: OZ48-SA-HE-33	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2412191473
MFR.: RISE	SUR.: 0.0007065m2	Shielding Angle:

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	3091	3091	3091	3091	3091	3091	3091	3091	3091	3091	3091	3091						
5	2811	2808	2779	2750	2725	2738	2786	2784	2793	2803	2829	2839						
10	2026	2020	1960	1900	1849	1861	1929	1928	1950	1974	2026	2065						
15	1075	1075	1004	930	877	866	913	912	954	983	1061	1098						
20	404	401	361	331	295	298	319	315	336	354	397	417						
25	142	140	129	119	109	109	114	115	124	130	142	146						
30	64.3	63.8	59.7	55.1	50.4	49.9	51.4	53.0	57.3	60.3	63.7	65.1						
35	34.9	34.9	33.2	31.2	29.6	30.1	30.5	31.6	33.4	34.3	35.2	35.7						
40	23.8	24.0	23.5	22.6	21.8	22.0	21.5	22.0	23.3	23.8	24.3	24.8						
45	16.4	16.7	16.7	16.0	15.1	14.7	14.2	14.4	15.6	16.4	16.9	17.3						
50	9.74	10.0	10.2	9.52	8.77	8.06	7.59	7.74	8.89	9.65	10.3	10.5						
55	4.86	5.07	5.40	5.06	4.85	4.42	3.89	4.05	4.99	5.35	5.66	5.52						
60	3.12	3.33	3.52	3.37	3.11	2.84	2.39	2.61	3.14	3.50	3.72	3.65						
65	1.68	1.81	1.73	1.70	1.53	1.28	1.16	1.22	1.45	1.75	1.91	1.88						
70	0.32	0.39	0.36	0.29	0.14	0.11	0.11	0.10	0.14	0.20	0.35	0.38						
75	0.06	0.05	0.05	0.05	0.05	0.04	0.05	0.04	0.04	0.05	0.04	0.05						
80	0.03	0.02	0.03	0.03	0.03	0.02	0.03	0.02	0.02	0.03	0.02	0.02						
85	0.03	0.01	0.02	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:2024-12-19

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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