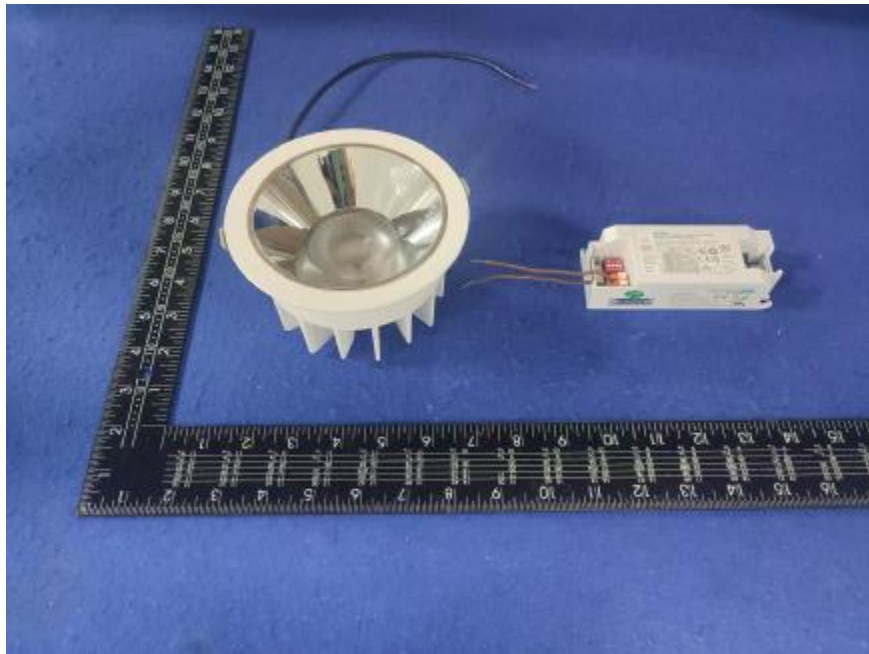


Luminaire Photograph



Light Output Ratio:	72.7%	
Luminaire Power:	18.54 W	
SHR Nominal:	0.50	Calculated using the TM5
SHR Maximum:	0.55	fine grid method.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: zoe
Test Date: 2024-12-7

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: BXRE-30G20TH-C-8X Ra:90
LENS: 24R
DRIVER: BK-PSL042-A1100AS 500mA
30minutes warm-up

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

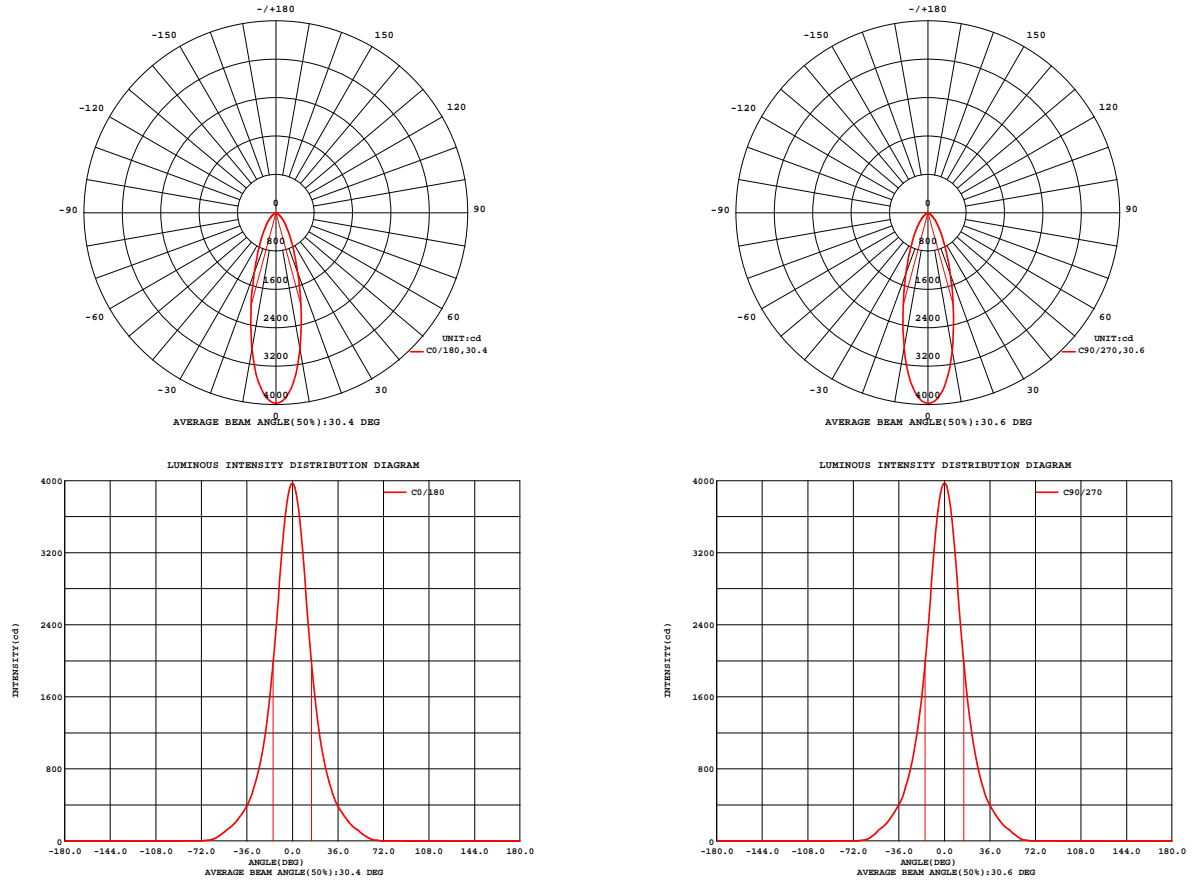


Fig. C0/C180

Fig. C90/C270

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: zoe
Test Date: 2024-12-7

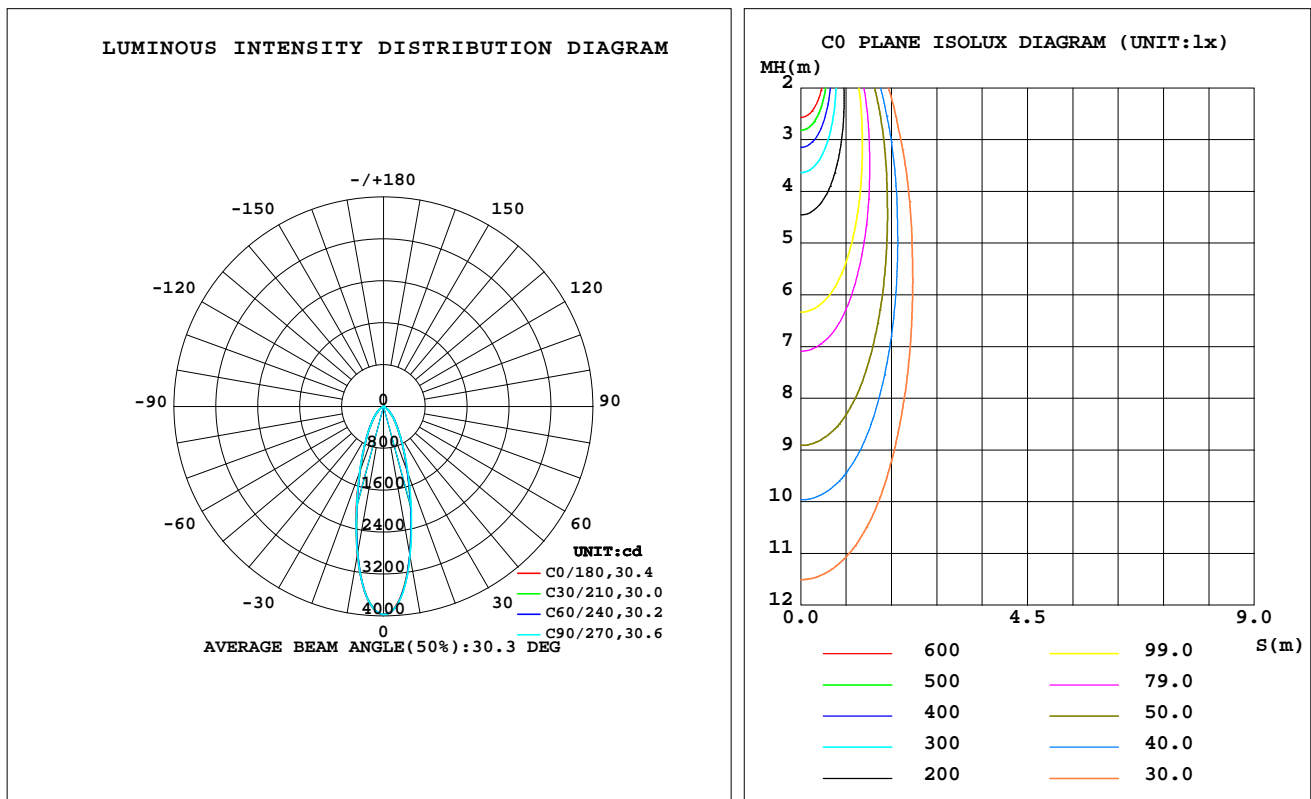
Range: 0 - 180DEG
Interval: 1.0DEG
Test System: EVERFINE GO-SPEX500_V1 SYSTEM V2.00.461
Humidity: 65.0%
Test Distance: 3.160m [K=1.0000]
Remarks: LAMP: BXRE-30G20TH-C-8X Ra: 90
LENS: 24R
DRIVER: BK-PSL042-A1100AS 500mA

30minutes warm-up

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.23V I:0.0931A P:18.539W PF:0.9002 Freq:49.99Hz Lamp Flux:2502.14x1 lm		
NAME: 2418.139	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2412071450
MFR.: RISE	SUR.: 0.008007785m2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 98.10 lm/W			
MODEL	Bridgelux	I _{max} (cd)	3971	S/MH(C0/180)	0.50
NOMINAL POWER(W)	18	LOR(%)	72.7	S/MH(C90/270)	0.50
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	1818.6	UP,DN(C0-180)	0.0,36.4
NOMINAL FLUX(lm)	2502.14	CIE CLASS	DIRECT	UP,DN(C180-360)	0.0,36.2
LAMPS INSIDE	1	up(%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	220	down(%)	72.7	CIBSE SHR MAX	0.55



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-12-7

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:BXRE-30G20TH-C-8X Ra:90
LENS:24R
DRIVER: BK-PSL042-A1100AS 500mA

30minutes warm-up

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

	C0	C45	C90	C135	C180	C225	C270	C315		zone	total	%lum,lamp
10	2887	2892	2919	2916	2884	2855	2872	2899	0- 10	325.0	325.0	17.9,13
20	1342	1342	1377	1357	1330	1319	1348	1359	10- 20	558.6	883.6	48.6,35.3
30	607.6	623.9	619.9	597.8	604.7	619.1	619.6	601.8	20- 30	418.8	1302	71.6,52.1
40	299.6	312.6	305.4	295.7	297.5	309.9	306.3	296.3	30- 40	268.8	1571	86.4,62.8
50	135.8	139.8	136.7	135.3	138.6	141.7	139.6	134.7	40- 50	161.0	1732	95.3,69.2
60	36.41	33.39	28.12	34.34	37.75	33.19	26.74	33.36	50- 60	74.11	1806	99.3,72.2
70	2.632	1.642	0.4709	2.613	3.738	1.883	0.1257	1.760	60- 70	11.93	1818	100,72.7
80	0.0779	0.0679	0.0897	0.0665	0.0651	0.0521	0.0649	0.0478	70- 80	0.2527	1819	100,72.7
90	0	0	0	0	0	0	0	0	80- 90	0.0525	1819	100,72.7
100	0	0	0	0	0	0	0	0	90-100	0	1819	100,72.7
110	0	0	0	0	0	0	0	0	100-110	0	1819	100,72.7
120	0	0	0	0	0	0	0	0	110-120	0	1819	100,72.7
130	0	0	0	0	0	0	0	0	120-130	0	1819	100,72.7
140	0	0	0	0	0	0	0	0	130-140	0	1819	100,72.7
150	0	0	0	0	0	0	0	0	140-150	0	1819	100,72.7
160	0	0	0	0	0	0	0	0	150-160	0	1819	100,72.7
170	0	0	0	0	0	0	0	0	160-170	0	1819	100,72.7
180	0	0	0	0	0	0	0	0	170-180	0	1819	100,72.7
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-12-7

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:BXRE-30G20TH-C-8X Ra:90
LENS:24R
DRIVER: BK-PSL042-A1100AS 500mA
30minutes warm-up

LUMINANCE LIMITATION CURVES

Test:U:220.23V I:0.0931A P:18.539W PF:0.9002 Freq:49.99Hz
Lamp Flux:2502.14x1 lm

NAME: 2418.139

TYPE:

WEIGHT:

SPEC.: 3000K

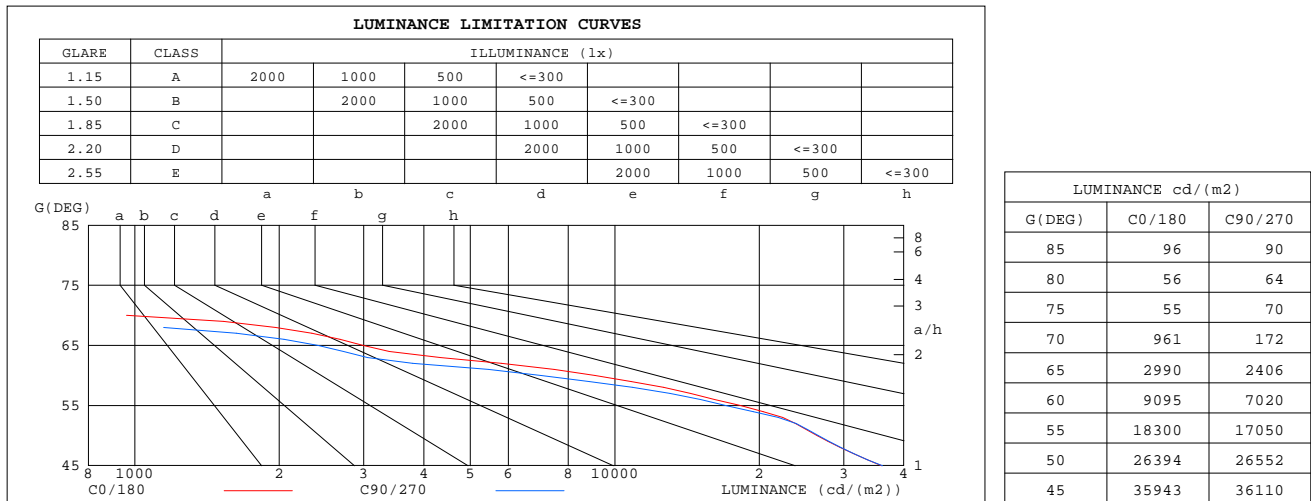
DIM.:

SERIAL No.: 2412071450

MFR.: RISE

SUR.: 0.008007785m2

Shielding Angle:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-12-7

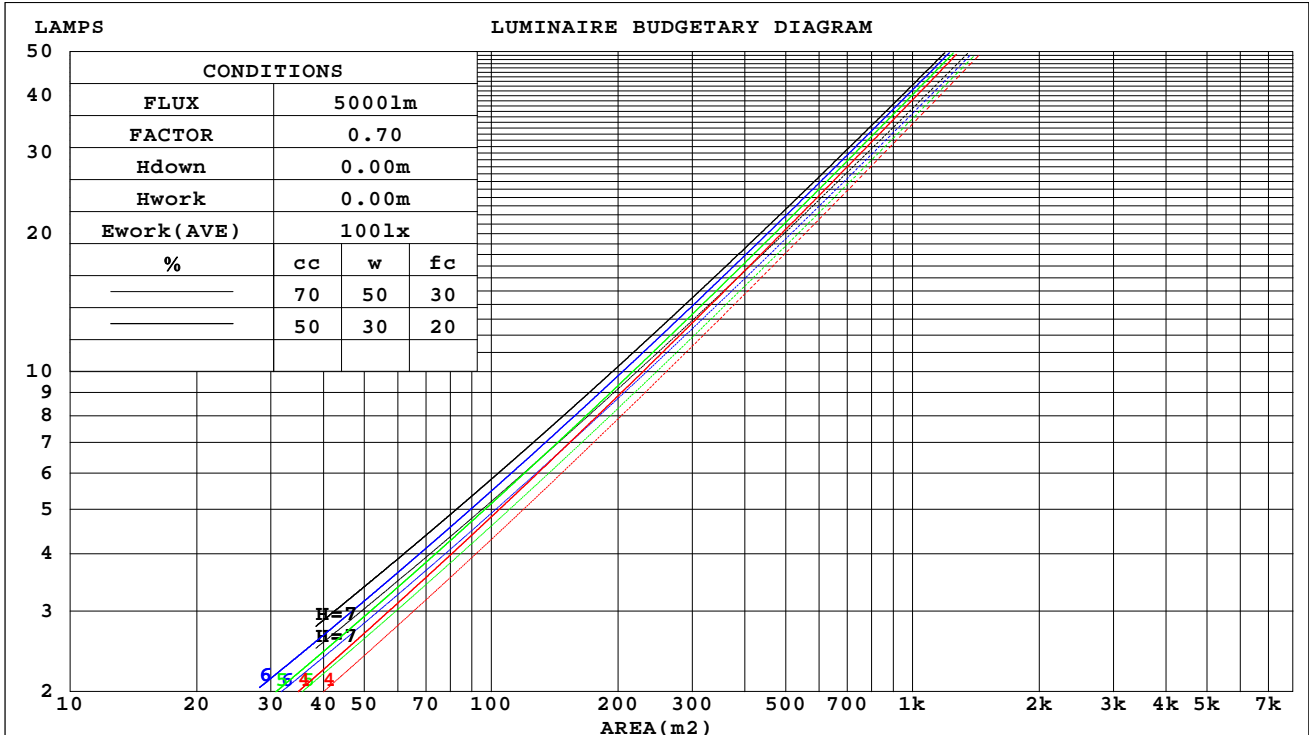
Range: 0 - 180DEG
Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.461
Humidity:65.0%
Test Distance:3.160m [K=1.0000]
Remarks: LAMP:BXRE-30G20TH-C-8X Ra:90
LENS:24R
DRIVER: BK-PSL042-A1100AS 500mA
30minutes warm-up

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.23V I:0.0931A P:18.539W PF:0.9002 Freq:49.99Hz
Lamp Flux:2502.14x1 lm

NAME: 2418.139	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2412071450
MFR.: RISE	SUR.: 0.008007785m2	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	.87	.87	.87	.85	.85	.85	.81	.81	.81	.77	.77	.77	.74	.74	.74	.73														
1.0	.81	.79	.77	.79	.77	.76	.76	.75	.74	.73	.72	.72	.71	.70	.69	.68														
2.0	.75	.72	.70	.74	.71	.69	.72	.69	.68	.69	.68	.66	.67	.66	.65	.64														
3.0	.70	.67	.64	.69	.66	.63	.67	.65	.62	.66	.63	.61	.64	.62	.60	.59														
4.0	.66	.62	.59	.65	.61	.59	.63	.60	.58	.62	.59	.57	.61	.58	.57	.55														
5.0	.62	.58	.55	.61	.57	.55	.60	.57	.54	.59	.56	.54	.58	.55	.53	.52														
6.0	.58	.54	.51	.58	.54	.51	.57	.53	.51	.56	.53	.50	.55	.52	.50	.49														
7.0	.55	.51	.48	.55	.51	.48	.54	.50	.48	.53	.50	.47	.52	.49	.47	.46														
8.0	.52	.48	.45	.52	.48	.45	.51	.48	.45	.50	.47	.45	.50	.47	.45	.44														
9.0	.50	.46	.43	.49	.46	.43	.49	.45	.43	.48	.45	.43	.48	.45	.42	.42														
10.0	.48	.44	.41	.47	.43	.41	.47	.43	.41	.46	.43	.41	.46	.43	.40	.40														



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-12-7

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:BXRE-30G20TH-C-8X Ra:90
LENS:24R
DRIVER: BK-PSL042-A1100AS 500mA

30minutes warm-up

WEC AND CCEC

Test:U:220.23V I:0.0931A P:18.539W PF:0.9002 Freq:49.99Hz Lamp Flux:2502.14x1 lm		
NAME: 2418.139	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2412071450
MFR.: RISE	SUR.: 0.008007785m2	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	.127	.072	.023	.122	.070	.022	.113	.065	.021	.104	.060	.019	.097	.056	.018	
2.0	.122	.067	.020	.118	.065	.020	.110	.061	.019	.103	.058	.018	.096	.054	.017	
3.0	.116	.062	.018	.112	.060	.018	.106	.057	.017	.100	.055	.017	.094	.052	.016	
4.0	.110	.057	.017	.107	.056	.017	.101	.054	.016	.096	.052	.016	.091	.050	.015	
5.0	.105	.053	.015	.102	.052	.015	.097	.051	.015	.093	.049	.015	.088	.047	.014	
6.0	.099	.050	.014	.097	.049	.014	.093	.048	.014	.089	.046	.014	.085	.045	.013	
7.0	.095	.047	.013	.093	.046	.013	.089	.045	.013	.085	.044	.013	.082	.043	.013	
8.0	.090	.044	.012	.088	.044	.012	.085	.043	.012	.082	.041	.012	.079	.041	.012	
9.0	.086	.042	.012	.085	.041	.012	.082	.040	.011	.079	.039	.011	.076	.039	.011	
10.0	.082	.040	.011	.081	.039	.011	.078	.038	.011	.076	.038	.011	.073	.037	.011	

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	.138	.138	.138	.118	.118	.118	.081	.081	.081	.046	.046	.046	.015	.015	.015	
1.0	.124	.114	.105	.106	.098	.091	.073	.068	.063	.042	.039	.036	.013	.013	.012	
2.0	.113	.096	.082	.097	.083	.071	.066	.057	.050	.038	.033	.029	.012	.011	.009	
3.0	.104	.083	.065	.089	.071	.057	.061	.049	.040	.035	.029	.023	.011	.009	.008	
4.0	.096	.072	.053	.083	.062	.046	.057	.043	.032	.033	.025	.019	.011	.008	.006	
5.0	.090	.063	.044	.077	.055	.038	.053	.038	.027	.031	.022	.016	.010	.007	.005	
6.0	.084	.057	.036	.073	.049	.032	.050	.034	.022	.029	.020	.013	.009	.007	.004	
7.0	.080	.051	.031	.068	.044	.027	.047	.031	.019	.027	.018	.011	.009	.006	.004	
8.0	.075	.046	.027	.065	.040	.023	.045	.028	.016	.026	.017	.010	.008	.005	.003	
9.0	.071	.043	.023	.062	.037	.020	.043	.026	.014	.025	.015	.009	.008	.005	.003	
10.0	.068	.039	.020	.059	.034	.018	.041	.024	.013	.024	.014	.007	.008	.005	.002	

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-12-7

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:BXRE-30G20TH-C-8X Ra:90
LENS:24R
DRIVER: BK-PSL042-A1100AS 500mA
30minutes warm-up

UGR(Unified Glare Rating) Table

Test:U:220.23V I:0.0931A P:18.539W PF:0.9002 Freq:49.99Hz Lamp Flux:2502.14x1 lm										
NAME: 2418.139					TYPE:			WEIGHT:		
SPEC.: 3000K					DIM.:			SERIAL No.: 2412071450		
MFR.: RISE					SUR.: 0.008007785m2			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	16.9	17.8	17.1	18.0	18.2	16.8	17.7	17.0	17.9	18.1
3H	16.8	17.6	17.0	17.8	18.0	16.7	17.5	16.9	17.7	17.9
4H	16.7	17.5	17.0	17.7	17.9	16.6	17.4	16.9	17.6	17.8
6H	16.6	17.3	16.9	17.6	17.8	16.5	17.2	16.8	17.5	17.7
8H	16.5	17.3	16.9	17.5	17.8	16.4	17.2	16.7	17.4	17.7
12H	16.5	17.2	16.8	17.5	17.7	16.4	17.1	16.7	17.4	17.6
4H 2H	16.8	17.6	17.0	17.8	18.0	16.7	17.5	17.0	17.7	17.9
3H	16.6	17.3	16.9	17.6	17.9	16.5	17.2	16.8	17.5	17.7
4H	16.5	17.1	16.9	17.4	17.8	16.4	17.0	16.8	17.3	17.7
6H	16.4	17.0	16.8	17.3	17.7	16.3	16.9	16.7	17.2	17.6
8H	16.4	16.9	16.8	17.2	17.6	16.3	16.8	16.7	17.1	17.5
12H	16.3	16.8	16.7	17.2	17.5	16.2	16.7	16.6	17.1	17.4
8H 4H	16.4	16.9	16.8	17.2	17.6	16.3	16.8	16.7	17.1	17.5
6H	16.3	16.7	16.7	17.1	17.5	16.2	16.6	16.6	17.0	17.4
8H	16.2	16.6	16.7	17.0	17.4	16.1	16.5	16.6	16.9	17.3
12H	16.2	16.5	16.6	16.9	17.4	16.1	16.4	16.5	16.8	17.3
12H 4H	16.3	16.8	16.7	17.2	17.5	16.2	16.7	16.6	17.1	17.4
6H	16.2	16.6	16.7	17.0	17.4	16.1	16.5	16.6	16.9	17.3
8H	16.2	16.5	16.6	16.9	17.4	16.1	16.4	16.5	16.8	17.3
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 1.9 / - 4.2					+ 2.0 / - 4.8				
1.5H	+ 1.8 / - 2.3					+ 2.0 / - 2.6				
2.0H	+ 3.6 / -10.1					+ 3.8 / -10.8				

CIE Pub.117, 2502 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 3.2)
Area: 0.00800779 m2

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-12-7

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:BXRE-30G20TH-C-8X Ra:90
LENS:24R
DRIVER: BK-PSL042-A1100AS 500mA
30minutes warm-up

UTILIZATION FACTORS TABLE

Test:U:220.23V I:0.0931A P:18.539W PF:0.9002 Freq:49.99Hz Lamp Flux:2502.14x1 lm		
NAME: 2418.139	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2412071450
MFR.: RISE	SUR.: 0.008007785m2	Shielding Angle:

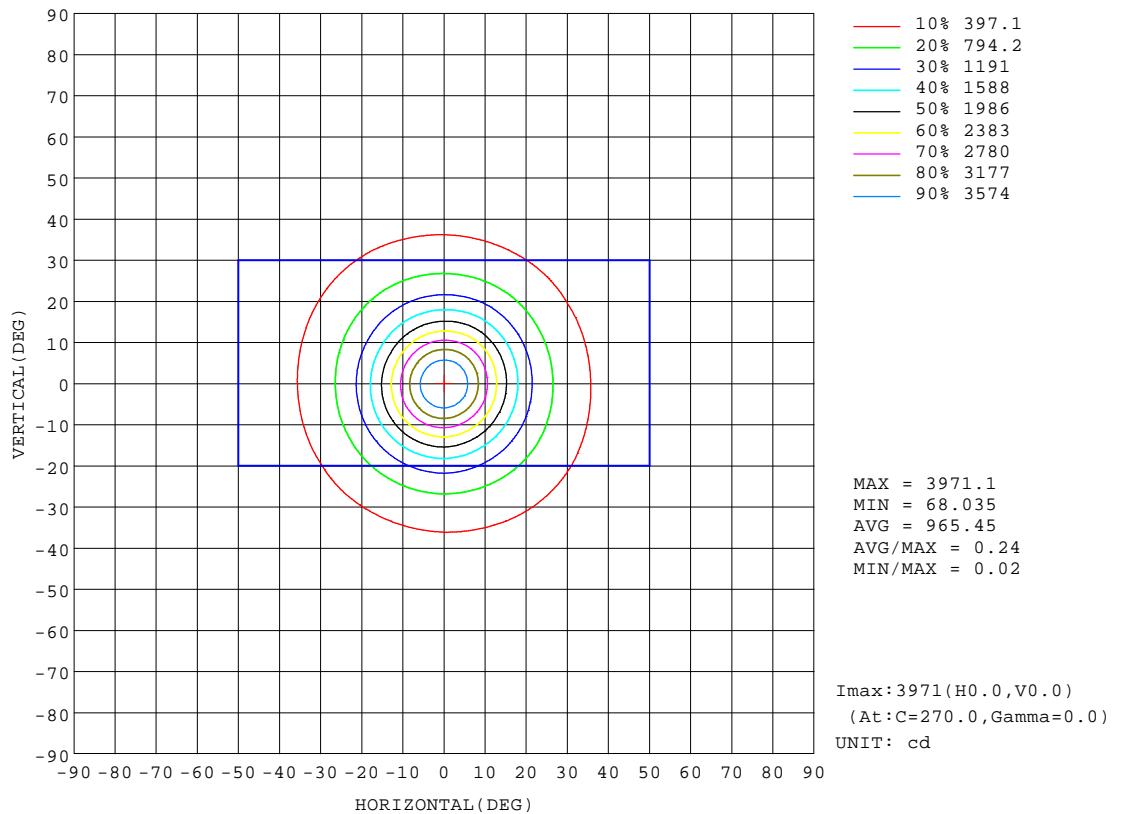
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	60	55	52	60	55	52	59	54	52	49
0.80	66	61	58	66	61	58	65	61	58	55
1.00	70	66	63	69	65	62	68	65	62	59
1.25	73	69	66	73	69	66	71	68	66	62
1.50	76	72	69	75	71	69	73	70	68	65
2.00	78	75	72	77	74	72	75	73	71	67
2.50	79	76	74	78	75	73	76	74	72	68
3.00	81	78	76	79	77	75	77	75	73	69
4.00	82	80	78	81	79	77	78	77	75	70
5.00	83	81	80	82	80	79	79	77	76	71
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:2024-12-7

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:BXRE-30G20TH-C-8X Ra:90
LENS:24R
DRIVER: BK-PSL042-A1100AS 500mA
30minutes warm-up

ISOCANDELA DIAGRAM

Test:U:220.23V I:0.0931A P:18.539W PF:0.9002 Freq:49.99Hz Lamp Flux:2502.14x1 lm		
NAME: 2418.139	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2412071450
MFR.: RISE	SUR.: 0.008007785m2	Shielding Angle:

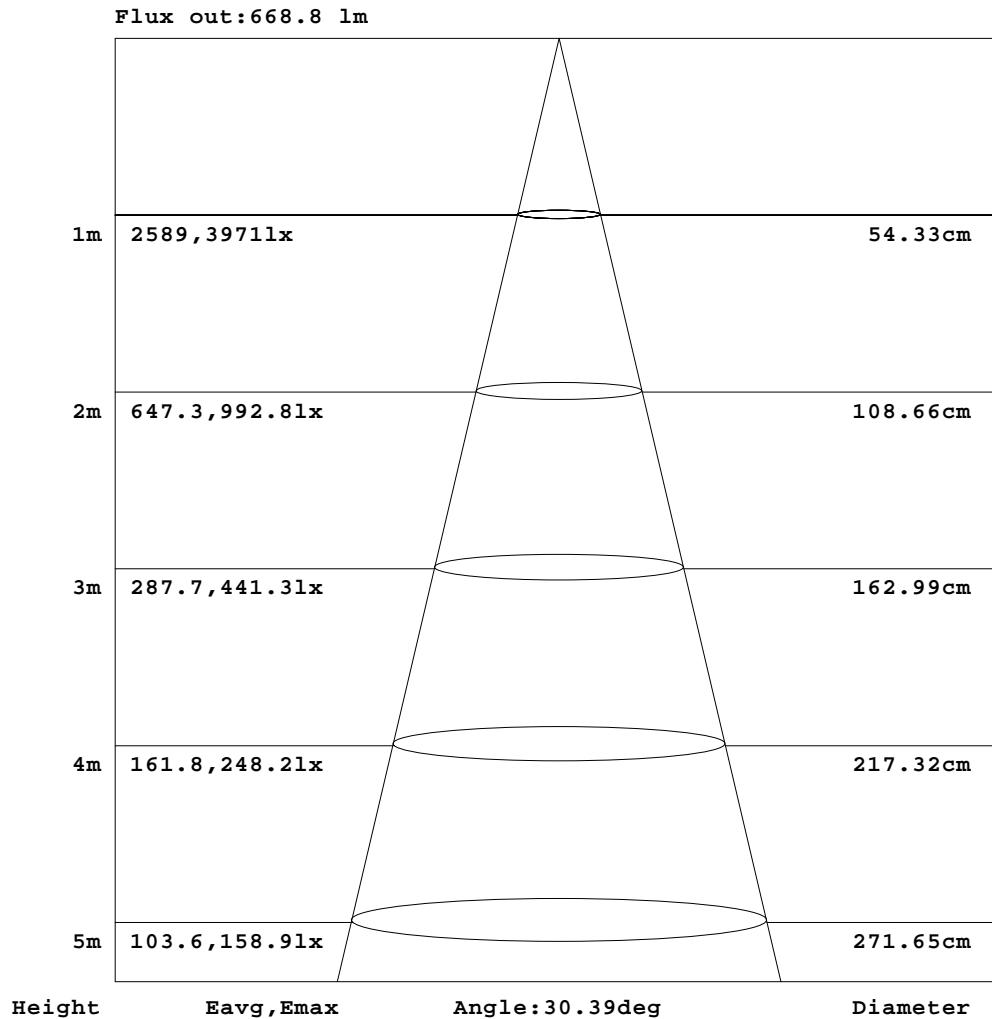


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: zoe
Test Date: 2024-12-7

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: BXRE-30G20TH-C-8X Ra: 90
LENS: 24R
DRIVER: BK-PSL042-A1100AS 500mA
30minutes warm-up

AAI Figure

Test:U:220.23V I:0.0931A P:18.539W PF:0.9002 Freq:49.99Hz Lamp Flux:2502.14x1 lm		
NAME: 2418.139	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2412071450
MFR.: RISE	SUR.: 0.008007785m2	Shielding Angle:



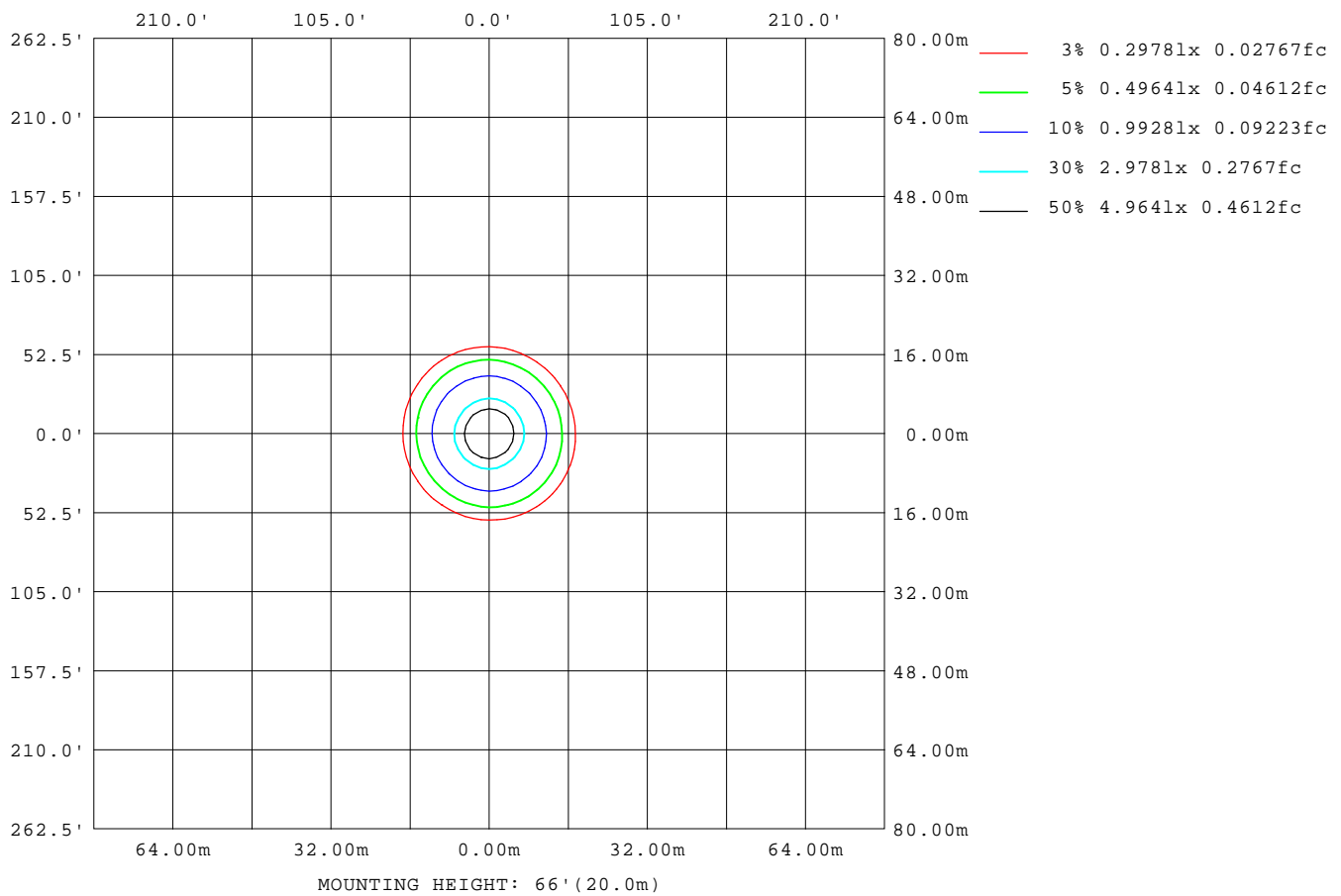
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-12-7

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:BXRE-30G20TH-C-8X Ra:90
LENS:24R
DRIVER: BK-PSL042-A1100AS 500mA
30minutes warm-up

ISOLUX DIAGRAM

Test:U:220.23V I:0.0931A P:18.539W PF:0.9002 Freq:49.99Hz Lamp Flux:2502.14x1 lm		
NAME: 2418.139	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2412071450
MFR.: RISE	SUR.: 0.008007785m2	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-12-7

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:BXRE-30G20TH-C-8X Ra:90
LENS:24R
DRIVER: BK-PSL042-A1100AS 500mA
30minutes warm-up

LED Avg.L Report

Test:U:220.23V I:0.0931A P:18.539W PF:0.9002 Freq:49.99Hz Lamp Flux:2502.14x1 lm		
NAME: 2418.139	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2412071450
MFR.: RISE	SUR.: 0.008007785m2	Shielding Angle:

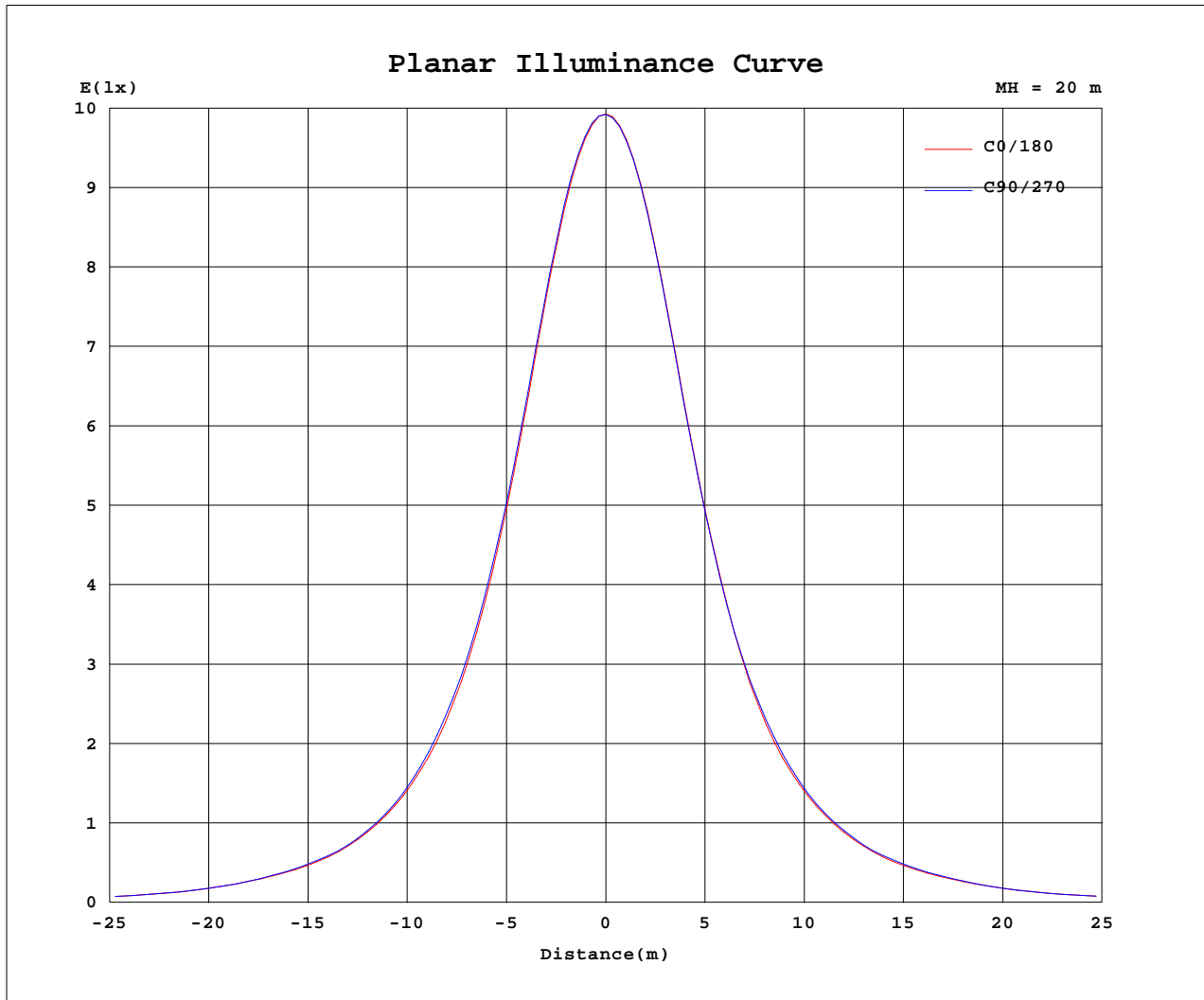
AvgL	cd/m2
L_0~180(65)av	3111
L_0~180(75)av	45
L_0~180(85)av	93
L_90~270(65)av	2410
L_90~270(75)av	55
L_90~270(85)av	85
L_45(65)av	3024
L_45(75)av	41
L_45(85)av	62

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-12-7

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:BXRE-30G20TH-C-8X Ra:90
LENS:24R
DRIVER: BK-PSL042-A1100AS 500mA
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: 2024-12-7

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: BXRE-30G20TH-C-8X Ra:90
 LENS: 24R
 DRIVER: BK-PSL042-A1100AS 500mA
 30minutes warm-up



LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.23V I:0.0931A P:18.539W PF:0.9002 Freq:49.99Hz Lamp Flux:2502.14x1 lm		
NAME: 2418.139	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2412071450
MFR.: RISE	SUR.: 0.008007785m2	Shielding Angle:

Table--1

UNIT: cd

C(DEG) (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	3971	3971	3971	3971	3971	3971	3971	3971	3971	3971	3971	3971						
5	3672	3680	3687	3694	3686	3683	3666	3652	3660	3660	3670	3672						
10	2887	2892	2892	2919	2923	2908	2884	2851	2860	2872	2900	2897						
15	2019	2008	2018	2054	2055	2038	2013	1970	1984	2005	2043	2034						
20	1342	1340	1345	1377	1367	1346	1330	1310	1329	1348	1368	1351						
25	896	908	922	922	903	888	886	895	907	909	906	892						
30	608	627	621	620	602	594	605	616	622	620	608	595						
35	417	434	430	428	409	404	416	424	430	428	414	405						
40	300	312	313	305	294	298	298	304	316	306	296	297						
45	203	211	209	205	196	202	206	208	212	206	200	198						
50	136	139	140	137	133	137	139	140	143	140	135	135						
55	84.0	84.3	80.9	78.3	79.6	82.2	85.4	86.2	81.4	78.1	79.2	79.1						
60	36.4	36.1	30.7	28.1	32.2	36.5	37.8	36.7	29.6	26.7	32.2	34.5						
65	10.1	9.92	8.80	8.15	10.2	11.6	10.9	10.8	9.18	8.17	9.94	10.6						
70	2.63	2.44	0.84	0.47	1.15	4.08	3.74	3.31	0.46	0.13	0.67	2.85						
75	0.11	0.10	0.12	0.15	0.12	0.10	0.07	0.06	0.07	0.08	0.06	0.06						
80	0.08	0.06	0.07	0.09	0.07	0.06	0.07	0.05	0.05	0.06	0.05	0.05						
85	0.07	0.05	0.05	0.06	0.05	0.05	0.06	0.04	0.04	0.06	0.04	0.04						
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:2024-12-7

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:BXRE-30G20TH-C-8X Ra:90
LENS:24R
DRIVER: BK-PSL042-A1100AS 500mA

30minutes warm-up