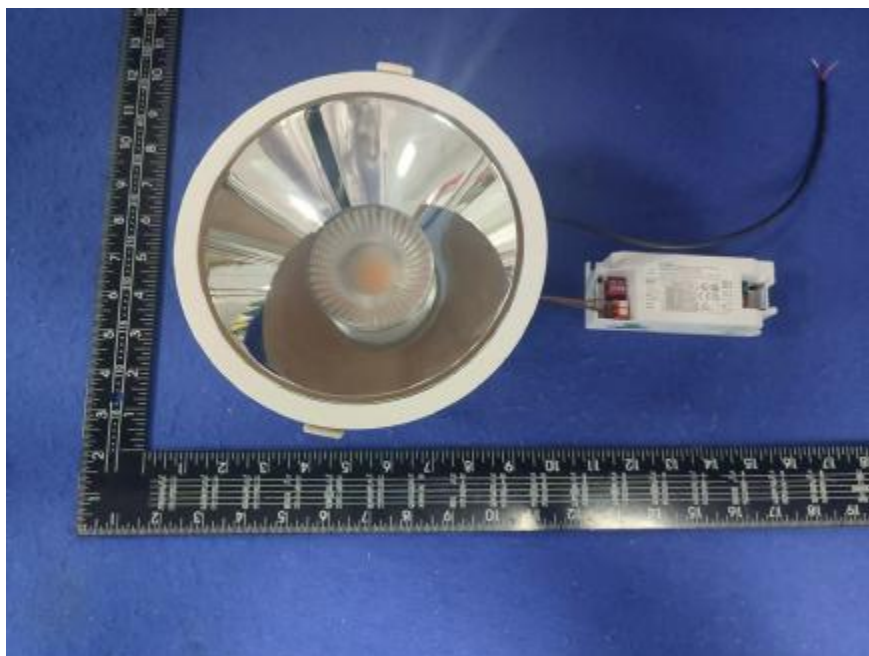


Luminaire Photograph



Light Output Ratio:	77.6%	
Luminaire Power:	39.34 W	
SHR Nominal:	0.75	Calculated using the TM5
SHR Maximum:	0.90	fine grid method.

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

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: BXRE-30G40TH-C-8X Ra:90
LENS: 55R
DRIVER: BK-PSL042-A1100AS 1050mA
30minutes warm-up

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

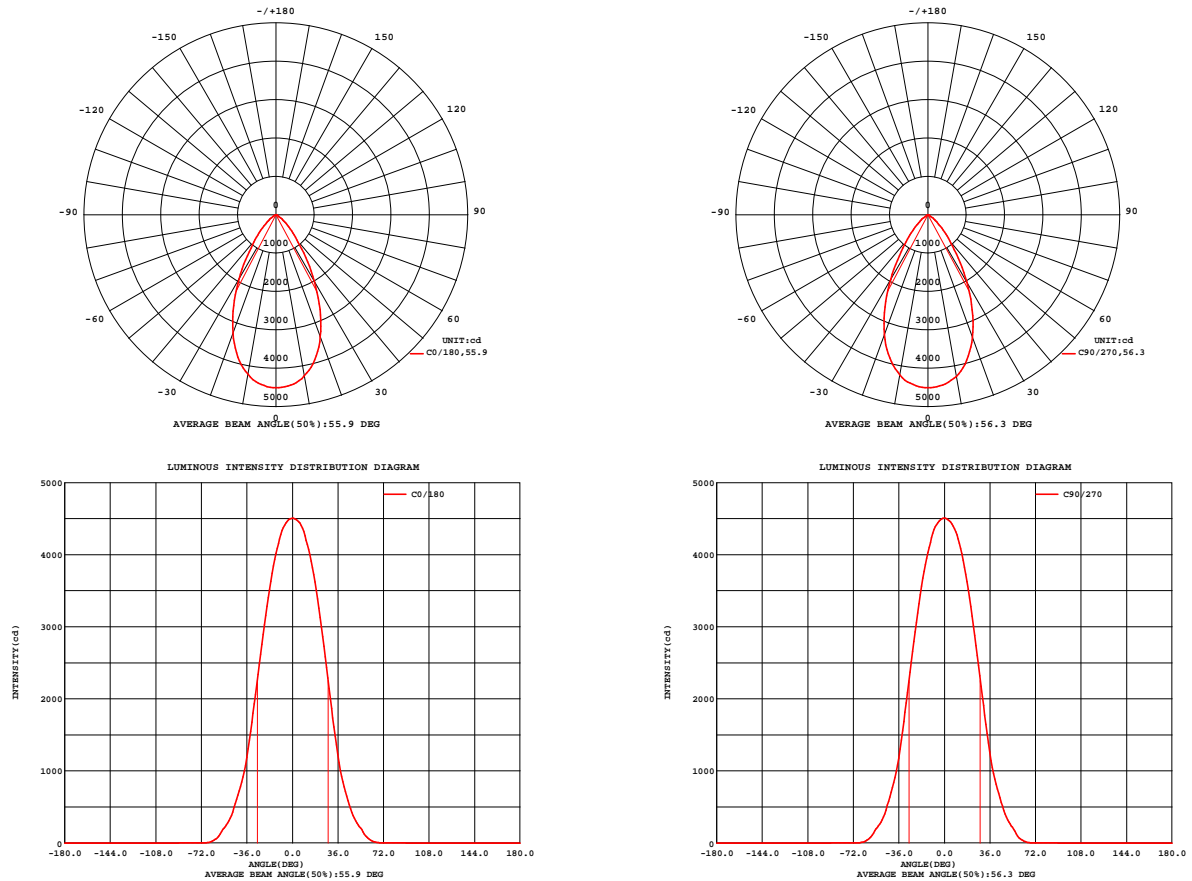


Fig. C0/C180

Fig. C90/C270

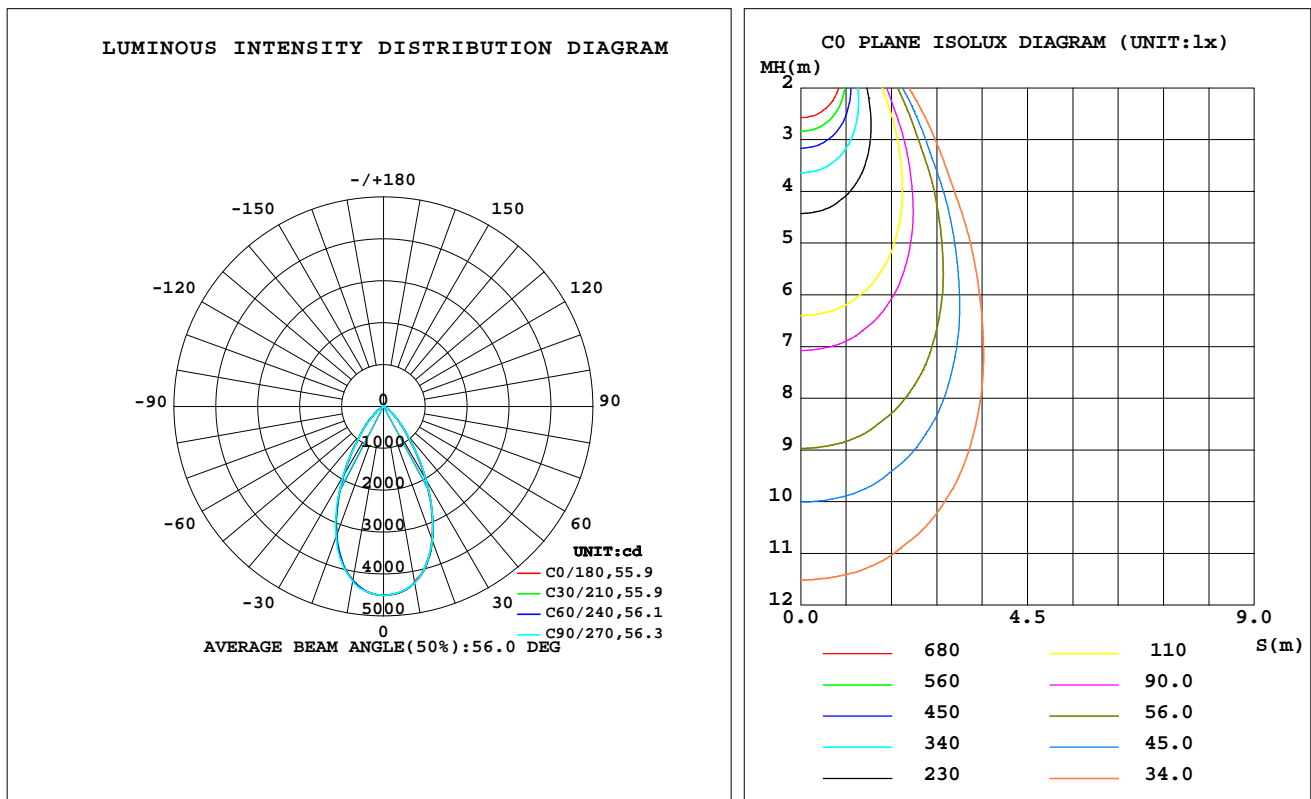
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: zoe
Test Date: 2024-12-12

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: BXRE-30G40TH-C-8X Ra: 90
LENS: 55R
DRIVER: BK-PSL042-A1100AS 1050mA
30minutes warm-up

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.16V I:0.1823A P:39.344W PF:0.9784 Freq:49.99Hz Lamp Flux:5351.47x1 lm		
NAME: 2418.141	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2412121460
MFR.: RISE	SUR.: 0.020096m2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 105.55 lm/W			
MODEL	Bridgelux	I _{max} (cd)	4505	S/MH(C0/180)	0.85
NOMINAL POWER(W)	39	LOR(%)	77.6	S/MH(C90/270)	0.86
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	4152.9	η UP,DN(C0-180)	0.0,39.4
NOMINAL FLUX(lm)	5351.47	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,38.2
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	220	η down(%)	77.6	CIBSE SHR MAX	0.90



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

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:BXRE-30G40TH-C-8X Ra:90
LENS:55R
DRIVER: BK-PSL042-A1100AS 1050mA
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	4259	4272	4275	4254	4217	4214	4233	4255	0- 10	418.4	418.4	10.1,7.82
20	3387	3411	3400	3355	3285	3268	3320	3354	10- 20	1079	1498	36.1,28
30	2005	2040	2038	1986	1930	1916	1945	1966	20- 30	1218	2716	65.4,50.7
40	851.9	874.1	883.9	875.0	844.4	830.7	836.8	831.6	30- 40	840.7	3556	85.6,66.5
50	308.1	316.7	323.9	314.2	306.4	297.0	288.3	293.5	40- 50	420.8	3977	95.8,74.3
60	62.49	64.29	59.01	60.46	62.06	58.68	53.08	56.72	50- 60	156.6	4134	99.5,77.2
70	1.621	1.554	0.4021	1.005	0.9691	0.5668	0.2228	0.6247	60- 70	18.85	4153	100,77.6
80	0.1912	0.1582	0.1595	0.1537	0.1579	0.1379	0.1520	0.1301	70- 80	0.2492	4153	100,77.6
90	0	0	0	0	0	0	0	0	80- 90	0.1320	4153	100,77.6
100	0	0	0	0	0	0	0	0	90-100	0	4153	100,77.6
110	0	0	0	0	0	0	0	0	100-110	0	4153	100,77.6
120	0	0	0	0	0	0	0	0	110-120	0	4153	100,77.6
130	0	0	0	0	0	0	0	0	120-130	0	4153	100,77.6
140	0	0	0	0	0	0	0	0	130-140	0	4153	100,77.6
150	0	0	0	0	0	0	0	0	140-150	0	4153	100,77.6
160	0	0	0	0	0	0	0	0	150-160	0	4153	100,77.6
170	0	0	0	0	0	0	0	0	160-170	0	4153	100,77.6
180	0	0	0	0	0	0	0	0	170-180	0	4153	100,77.6
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

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

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:BXRE-30G40TH-C-8X Ra:90
LENS:55R
DRIVER: BK-PSL042-A1100AS 1050mA
30minutes warm-up

LUMINANCE LIMITATION CURVES

Test:U:220.16V I:0.1823A P:39.344W PF:0.9784 Freq:49.99Hz
Lamp Flux:5351.47x1 lm

NAME: 2418.141

TYPE:

WEIGHT:

SPEC.: 3000K

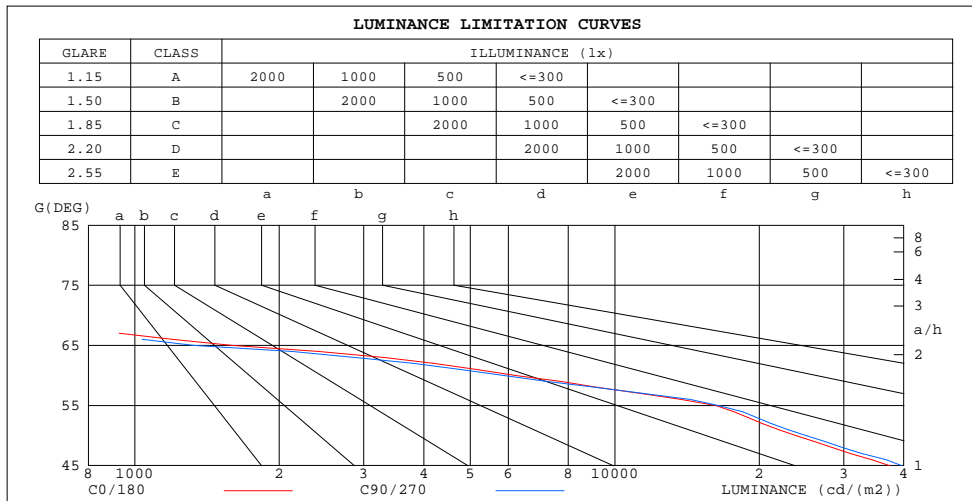
DIM.:

SERIAL No.: 2412121460

MFR.: RISE

SUR.: 0.020096m2

Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	95	76
80	55	46
75	51	45
70	236	58
65	1595	1327
60	6219	5871
55	16257	16448
50	23852	25068
45	37408	39642

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

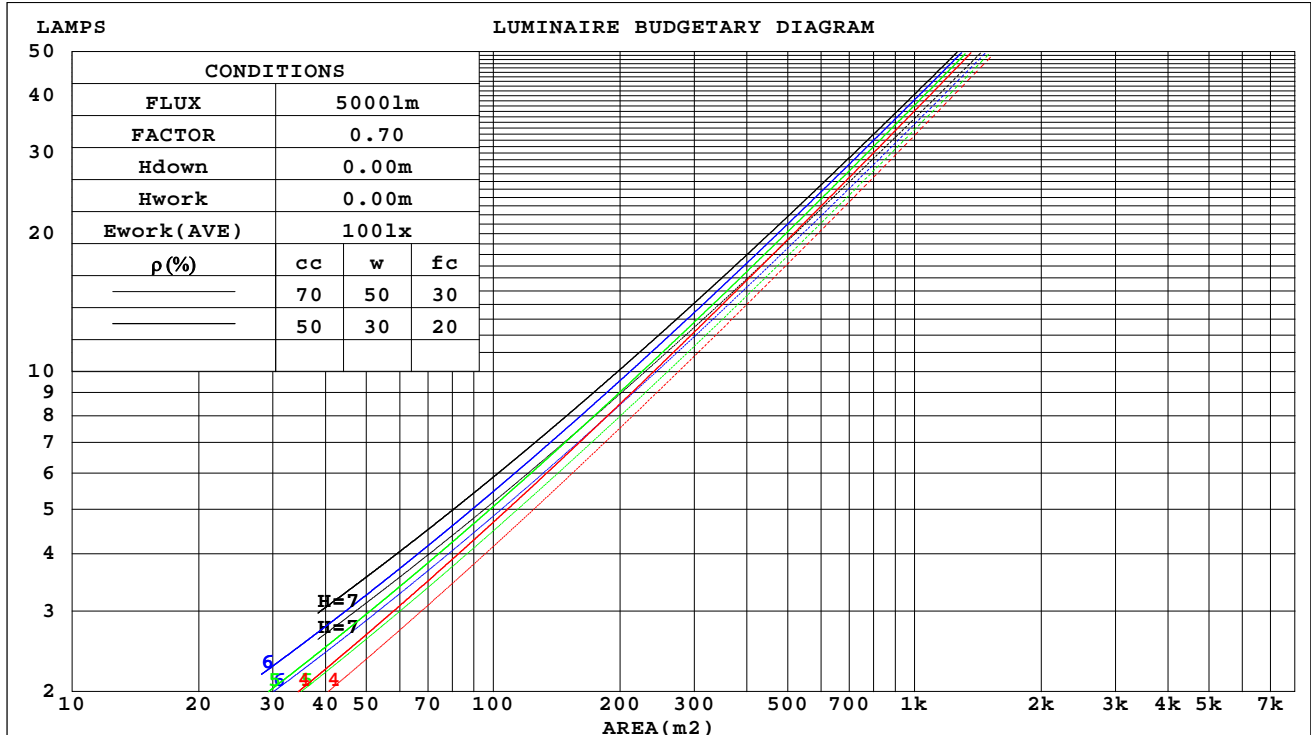
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.461
Humidity:65.0%
Test Distance:3.160m [K=1.0000]
Remarks: LAMP:BXRE-30G40TH-C-8X Ra:90
LENS:55R
DRIVER: BK-PSL042-A1100AS 1050mA
30minutes warm-up

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.16V I:0.1823A P:39.344W PF:0.9784 Freq:49.99Hz
Lamp Flux:5351.47x1 lm

NAME: 2418.141	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2412121460
MFR.: RISE	SUR.: 0.020096m2	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
Test Date:2024-12-12

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:BXRE-30G40TH-C-8X Ra:90
LENS:55R
DRIVER: BK-PSL042-A1100AS 1050mA
30minutes warm-up

WEC AND CCEC

Test:U:220.16V I:0.1823A P:39.344W PF:0.9784 Freq:49.99Hz Lamp Flux:5351.47x1 lm		
NAME: 2418.141	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2412121460
MFR.: RISE	SUR.: 0.020096m2	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	.144	.082	.026	.138	.079	.025	.129	.074	.024	.120	.069	.022	.111	.065	.021	
2.0	.139	.076	.023	.134	.074	.023	.126	.070	.022	.119	.067	.021	.111	.063	.020	
3.0	.133	.071	.021	.129	.069	.021	.122	.066	.020	.115	.063	.019	.109	.061	.019	
4.0	.127	.066	.019	.124	.065	.019	.117	.062	.019	.112	.060	.018	.106	.058	.018	
5.0	.121	.062	.018	.118	.061	.018	.113	.059	.017	.108	.057	.017	.103	.055	.017	
6.0	.115	.058	.017	.113	.057	.016	.108	.055	.016	.104	.054	.016	.099	.052	.016	
7.0	.110	.054	.015	.108	.054	.015	.104	.052	.015	.100	.051	.015	.096	.050	.015	
8.0	.105	.051	.014	.103	.051	.014	.099	.050	.014	.096	.049	.014	.093	.048	.014	
9.0	.101	.049	.014	.099	.048	.014	.095	.047	.013	.092	.046	.013	.089	.045	.013	
10.0	.096	.046	.013	.095	.046	.013	.092	.045	.013	.089	.044	.013	.086	.043	.012	

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	.148	.148	.148	.126	.126	.126	.086	.086	.086	.050	.050	.050	.016	.016	.016	
1.0	.133	.122	.112	.114	.105	.096	.078	.072	.067	.045	.042	.039	.014	.013	.013	
2.0	.122	.103	.087	.104	.088	.075	.072	.061	.052	.041	.036	.031	.013	.012	.010	
3.0	.113	.088	.068	.097	.076	.059	.066	.053	.042	.038	.031	.025	.012	.010	.008	
4.0	.105	.077	.055	.090	.066	.048	.062	.046	.034	.036	.027	.020	.012	.009	.007	
5.0	.099	.068	.045	.085	.059	.039	.058	.041	.028	.034	.024	.016	.011	.008	.005	
6.0	.093	.061	.038	.080	.053	.033	.055	.037	.023	.032	.022	.014	.010	.007	.005	
7.0	.088	.055	.032	.076	.048	.028	.053	.033	.020	.031	.020	.012	.010	.006	.004	
8.0	.084	.050	.027	.072	.044	.024	.050	.031	.017	.029	.018	.010	.009	.006	.003	
9.0	.080	.046	.024	.069	.040	.021	.048	.028	.015	.028	.017	.009	.009	.005	.003	
10.0	.076	.043	.021	.066	.037	.018	.046	.026	.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:2024-12-12

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:BXRE-30G40TH-C-8X Ra:90
LENS:55R
DRIVER: BK-PSL042-A1100AS 1050mA
30minutes warm-up

UGR(Unified Glare Rating) Table

Test:U:220.16V I:0.1823A P:39.344W PF:0.9784 Freq:49.99Hz Lamp Flux:5351.47x1 lm										
NAME: 2418.141					TYPE:			WEIGHT:		
SPEC.: 3000K					DIM.:			SERIAL No.: 2412121460		
MFR.: RISE					SUR.: 0.020096m2			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	15.0	16.0	15.3	16.2	16.4	15.1	16.1	15.4	16.3	16.5
3H	14.9	15.8	15.1	16.0	16.2	14.9	15.9	15.2	16.1	16.3
4H	14.8	15.6	15.1	15.9	16.1	14.9	15.7	15.1	16.0	16.2
6H	14.7	15.5	15.0	15.7	16.0	14.8	15.6	15.1	15.8	16.1
8H	14.6	15.4	14.9	15.7	15.9	14.7	15.5	15.0	15.8	16.0
12H	14.6	15.3	14.9	15.6	15.9	14.7	15.4	15.0	15.7	16.0
4H 2H	14.8	15.7	15.1	15.9	16.2	14.9	15.8	15.2	16.0	16.2
3H	14.7	15.4	15.0	15.7	16.0	14.7	15.5	15.1	15.8	16.0
4H	14.6	15.2	14.9	15.5	15.9	14.6	15.3	15.0	15.6	15.9
6H	14.5	15.1	14.8	15.4	15.7	14.6	15.1	14.9	15.5	15.8
8H	14.4	15.0	14.8	15.3	15.7	14.5	15.1	14.9	15.4	15.8
12H	14.4	14.9	14.8	15.2	15.6	14.5	15.0	14.9	15.3	15.7
8H 4H	14.4	15.0	14.8	15.3	15.7	14.5	15.1	14.9	15.4	15.8
6H	14.3	14.8	14.7	15.2	15.6	14.4	14.9	14.8	15.2	15.7
8H	14.3	14.7	14.7	15.1	15.5	14.4	14.7	14.8	15.2	15.6
12H	14.2	14.6	14.7	15.0	15.5	14.3	14.6	14.8	15.1	15.5
12H 4H	14.4	14.9	14.8	15.2	15.6	14.5	15.0	14.9	15.3	15.7
6H	14.3	14.7	14.7	15.1	15.5	14.4	14.7	14.8	15.2	15.6
8H	14.2	14.6	14.7	15.0	15.5	14.3	14.6	14.8	15.1	15.5
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 2.2 / - 6.2					+ 2.3 / - 6.2				
1.5H	+ 3.0 / - 3.0					+ 3.0 / - 3.2				
2.0H	+ 4.5 / -10.2					+ 4.8 / -11.8				

CIE Pub.117, 5351 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 5.8)
Area: 0.020096 m2

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

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:BXRE-30G40TH-C-8X Ra:90
LENS:55R
DRIVER: BK-PSL042-A1100AS 1050mA
30minutes warm-up

UTILIZATION FACTORS TABLE

Test:U:220.16V I:0.1823A P:39.344W PF:0.9784 Freq:49.99Hz Lamp Flux:5351.47x1 lm		
NAME: 2418.141	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2412121460
MFR.: RISE	SUR.: 0.020096m2	Shielding Angle:

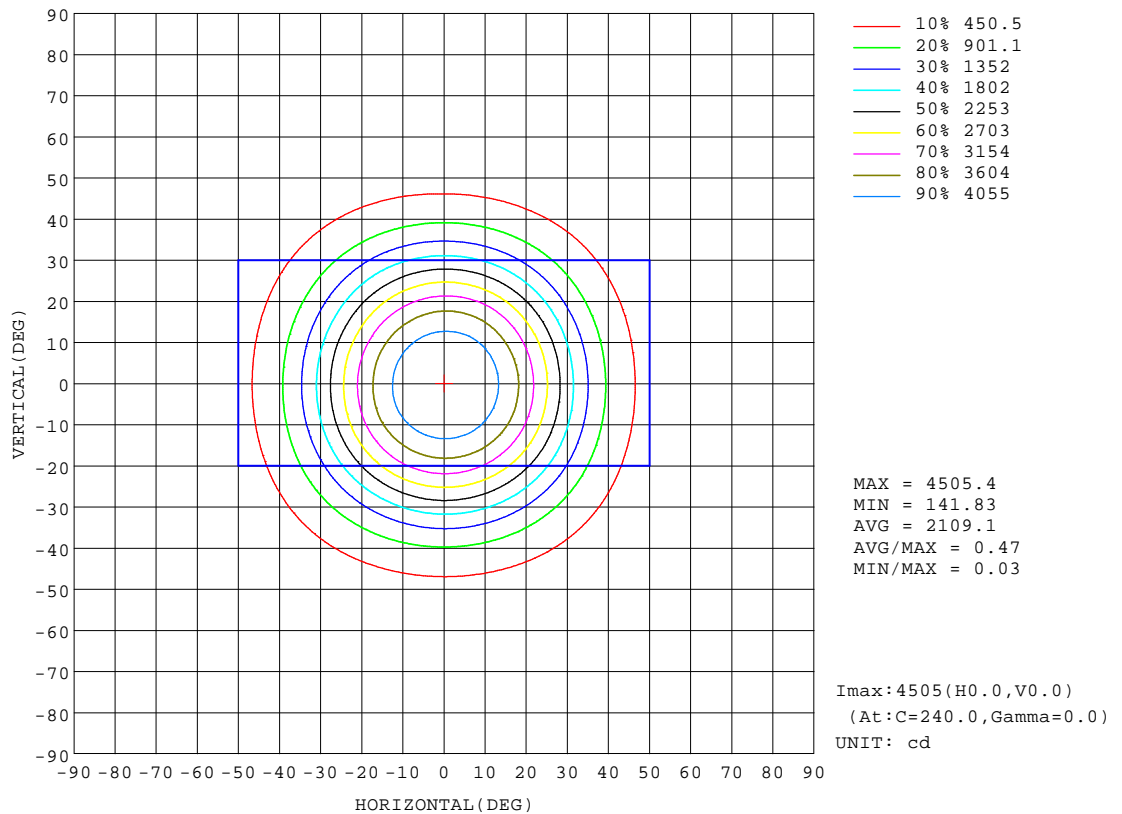
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	64	58	55	63	58	55	63	58	55	51
0.80	70	65	62	70	65	62	69	64	61	58
1.00	75	70	67	74	69	66	73	69	66	63
1.25	78	74	71	77	73	70	76	72	70	66
1.50	81	77	74	80	76	73	78	75	72	69
2.00	83	80	77	82	79	76	80	77	75	71
2.50	85	81	79	83	81	78	81	79	77	72
3.00	86	83	81	85	82	80	82	80	78	73
4.00	88	85	83	86	84	82	83	82	80	75
5.00	89	87	85	87	85	84	84	83	81	75
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:2024-12-12

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:BXRE-30G40TH-C-8X Ra:90
LENS:55R
DRIVER: BK-PSL042-A1100AS 1050mA
30minutes warm-up

ISOCANDELA DIAGRAM

Test:U:220.16V I:0.1823A P:39.344W PF:0.9784 Freq:49.99Hz Lamp Flux:5351.47x1 lm		
NAME: 2418.141	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2412121460
MFR.: RISE	SUR.: 0.020096m2	Shielding Angle:

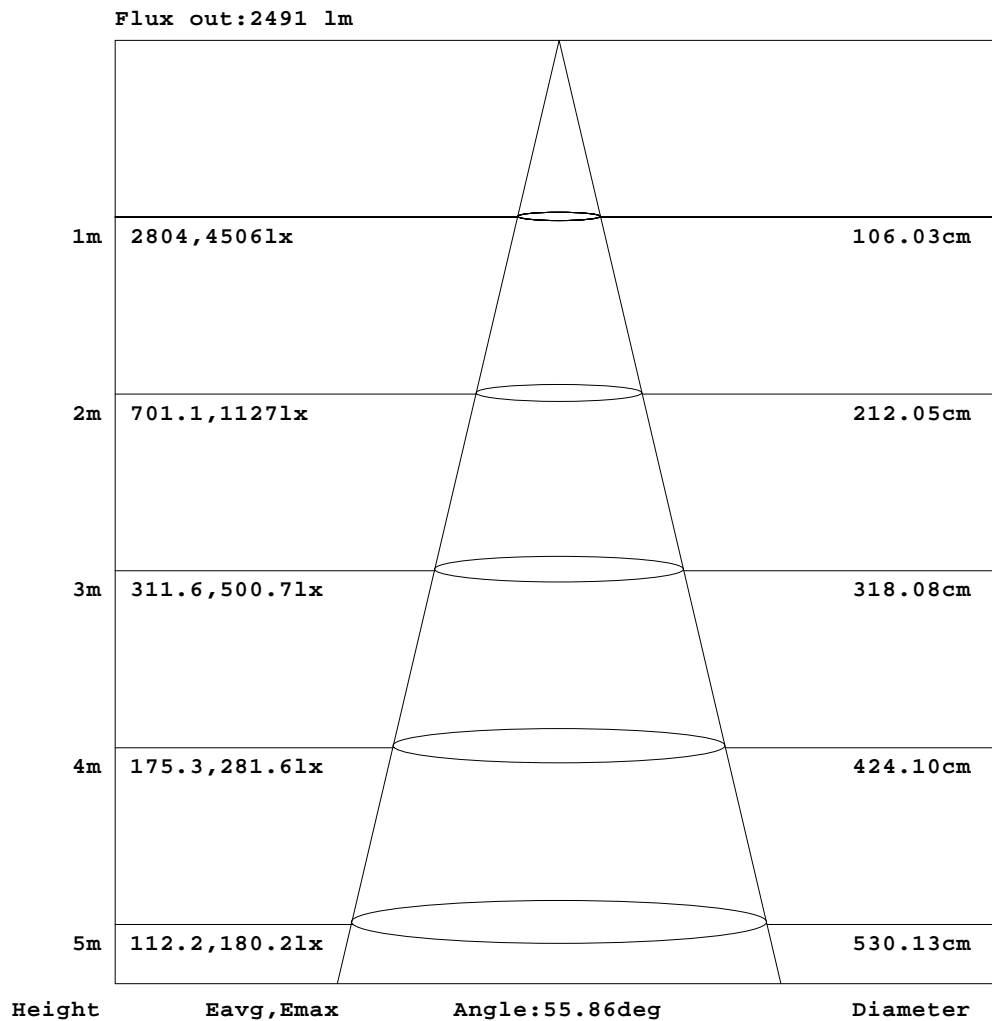


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: zoe
Test Date: 2024-12-12

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: BXRE-30G40TH-C-8X Ra: 90
LENS: 55R
DRIVER: BK-PSL042-A1100AS 1050mA
30minutes warm-up

AAI Figure

Test:U:220.16V I:0.1823A P:39.344W PF:0.9784 Freq:49.99Hz Lamp Flux:5351.47x1 lm		
NAME: 2418.141	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2412121460
MFR.: RISE	SUR.: 0.020096m2	Shielding Angle:



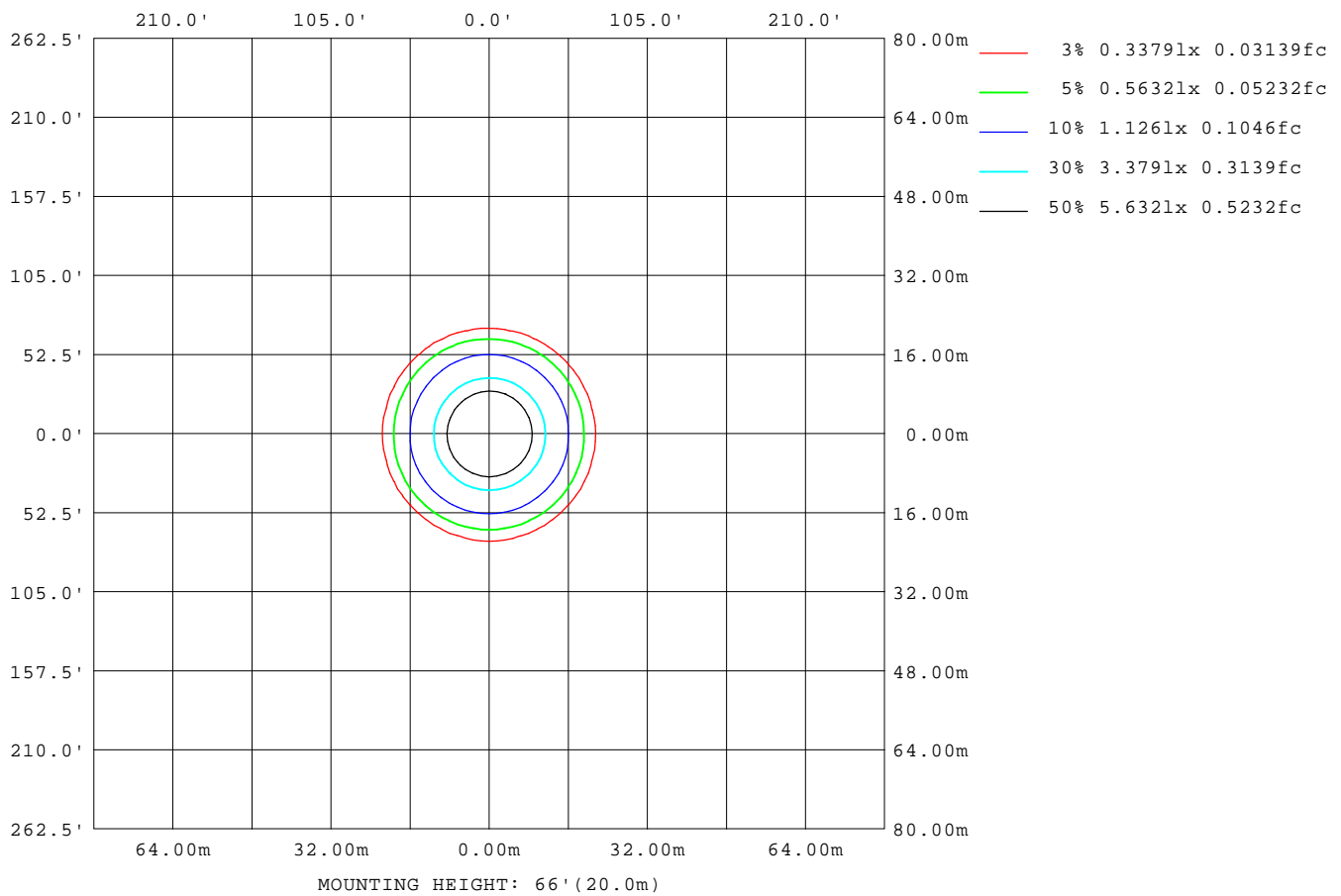
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

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:BXRE-30G40TH-C-8X Ra:90
LENS:55R
DRIVER: BK-PSL042-A1100AS 1050mA
30minutes warm-up

ISOLUX DIAGRAM

Test:U:220.16V I:0.1823A P:39.344W PF:0.9784 Freq:49.99Hz Lamp Flux:5351.47x1 lm		
NAME: 2418.141	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2412121460
MFR.: RISE	SUR.: 0.020096m2	Shielding Angle:



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

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:BXRE-30G40TH-C-8X Ra:90
LENS:55R
DRIVER: BK-PSL042-A1100AS 1050mA
30minutes warm-up

LED Avg.L Report

Test:U:220.16V I:0.1823A P:39.344W PF:0.9784 Freq:49.99Hz Lamp Flux:5351.47x1 lm		
NAME: 2418.141	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2412121460
MFR.: RISE	SUR.: 0.020096m2	Shielding Angle:

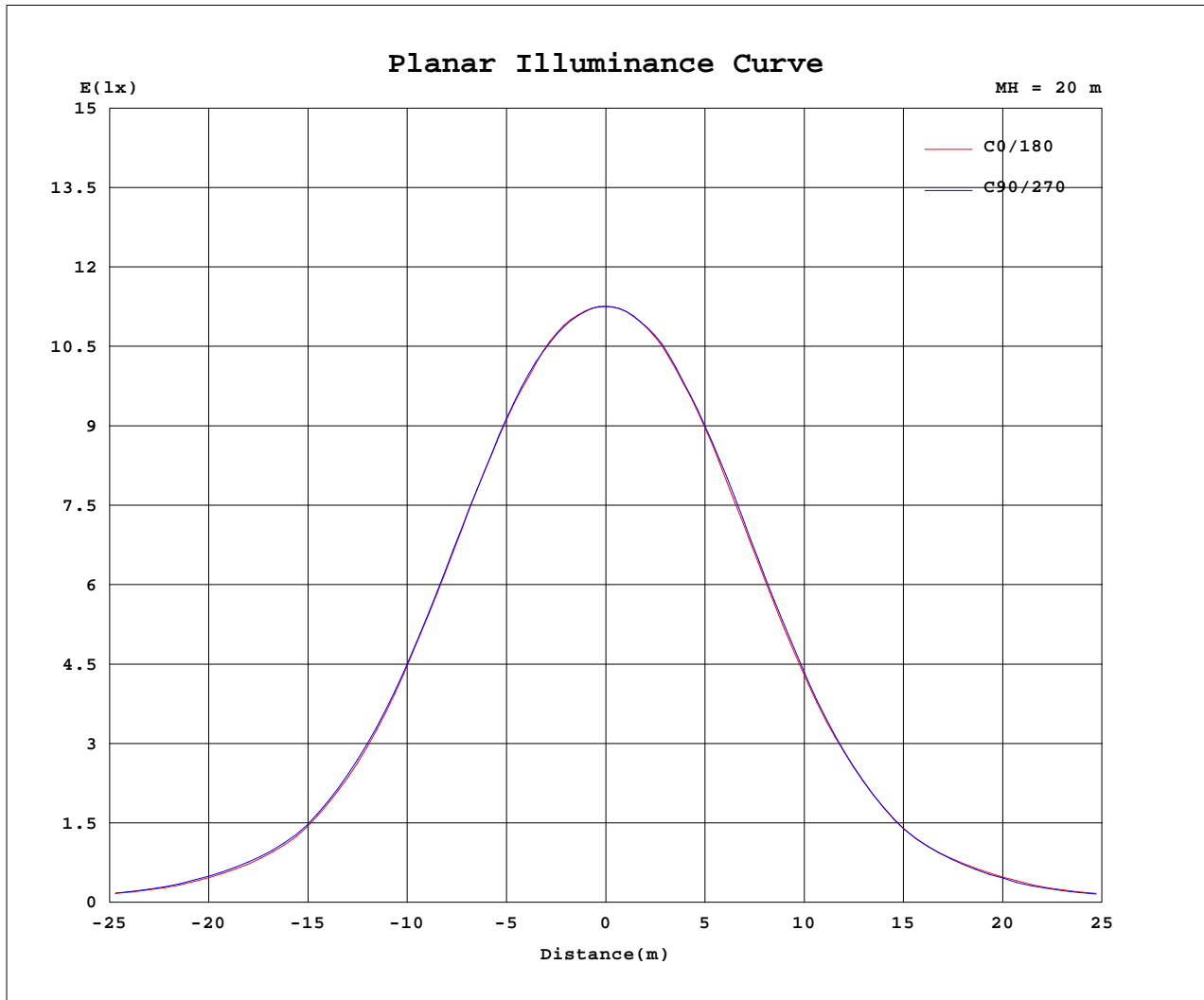
AvgL	cd/m2
L_0~180(65)av	1519
L_0~180(75)av	41
L_0~180(85)av	95
L_90~270(65)av	1238
L_90~270(75)av	38
L_90~270(85)av	79
L_45(65)av	1419
L_45(75)av	36
L_45(85)av	73

Standard: GB/T 29293-2012

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

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:BXRE-30G40TH-C-8X Ra:90
LENS:55R
DRIVER: BK-PSL042-A1100AS 1050mA
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: 2024-12-12

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: BXRE-30G40TH-C-8X Ra:90
 LENS: 55R
 DRIVER: BK-PSL042-A1100AS 1050mA
 30minutes warm-up



LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.16V I:0.1823A P:39.344W PF:0.9784 Freq:49.99Hz Lamp Flux:5351.47x1 lm		
NAME: 2418.141	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2412121460
MFR.: RISE	SUR.: 0.020096m2	Shielding Angle:

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	4505	4505	4505	4505	4505	4505	4505	4505	4505	4505	4505	4505						
5	4457	4458	4457	4450	4442	4442	4437	4444	4444	4441	4452	4456						
10	4259	4274	4270	4275	4265	4243	4217	4211	4217	4233	4251	4259						
15	3911	3916	3936	3923	3906	3881	3842	3824	3831	3860	3888	3904						
20	3387	3417	3405	3400	3378	3333	3285	3258	3277	3320	3348	3361						
25	2727	2745	2742	2739	2710	2677	2617	2586	2619	2656	2672	2688						
30	2005	2041	2039	2038	2004	1969	1930	1899	1933	1945	1962	1969						
35	1360	1394	1391	1389	1359	1325	1307	1289	1306	1304	1312	1321						
40	852	869	879	884	879	871	844	826	835	837	829	834						
45	532	547	554	563	561	565	550	533	533	527	518	519						
50	308	314	319	324	316	313	306	298	296	288	289	298						
55	187	194	195	190	191	189	188	182	178	170	170	178						
60	62.5	66.0	62.6	59.0	59.9	61.0	62.1	60.8	56.6	53.1	55.1	58.3						
65	13.5	15.5	12.8	11.3	12.1	12.8	12.3	11.8	9.57	9.75	9.96	11.7						
70	1.62	2.32	0.79	0.40	0.79	1.22	0.97	0.93	0.21	0.22	0.26	0.99						
75	0.26	0.24	0.23	0.23	0.22	0.22	0.17	0.16	0.15	0.16	0.14	0.15						
80	0.19	0.16	0.15	0.16	0.15	0.16	0.16	0.14	0.14	0.15	0.13	0.13						
85	0.17	0.14	0.12	0.13	0.12	0.14	0.16	0.14	0.13	0.14	0.12	0.13						
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
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Operators:zoe
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