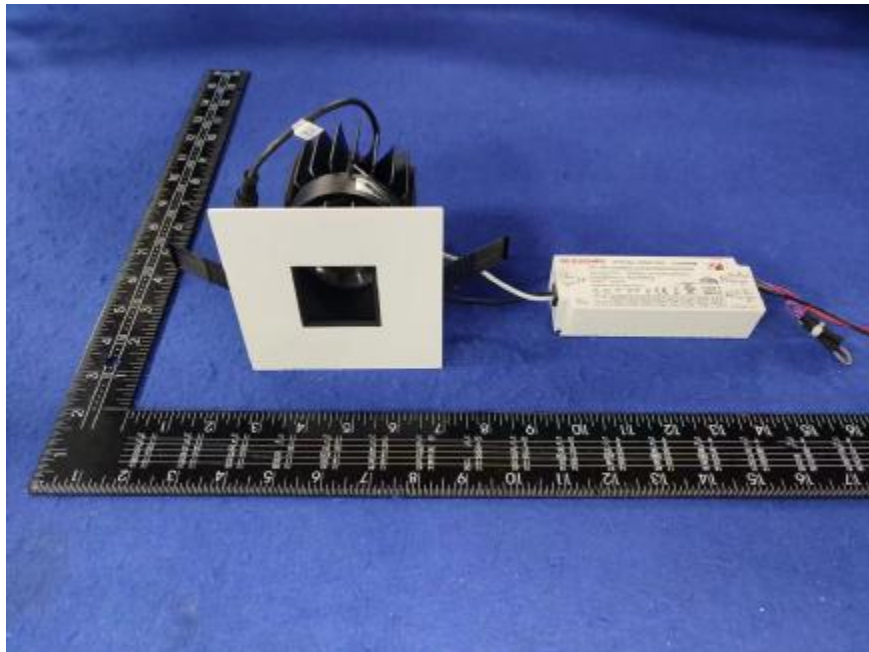


Luminaire Photograph



Light Output Ratio:	62.6%	
Luminaire Power:	27.97 W	
SHR Nominal:	0.50	Calculated using the TM5
SHR Maximum:	0.70	fine grid method.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: zoe
Test Date: 2024-7-30

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-30G2000-C-83 Ra: 90
LENS: PM-1083B 36R
DRIVER: PUP40A-1WMC-850 700mA
30minutes warm-up

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

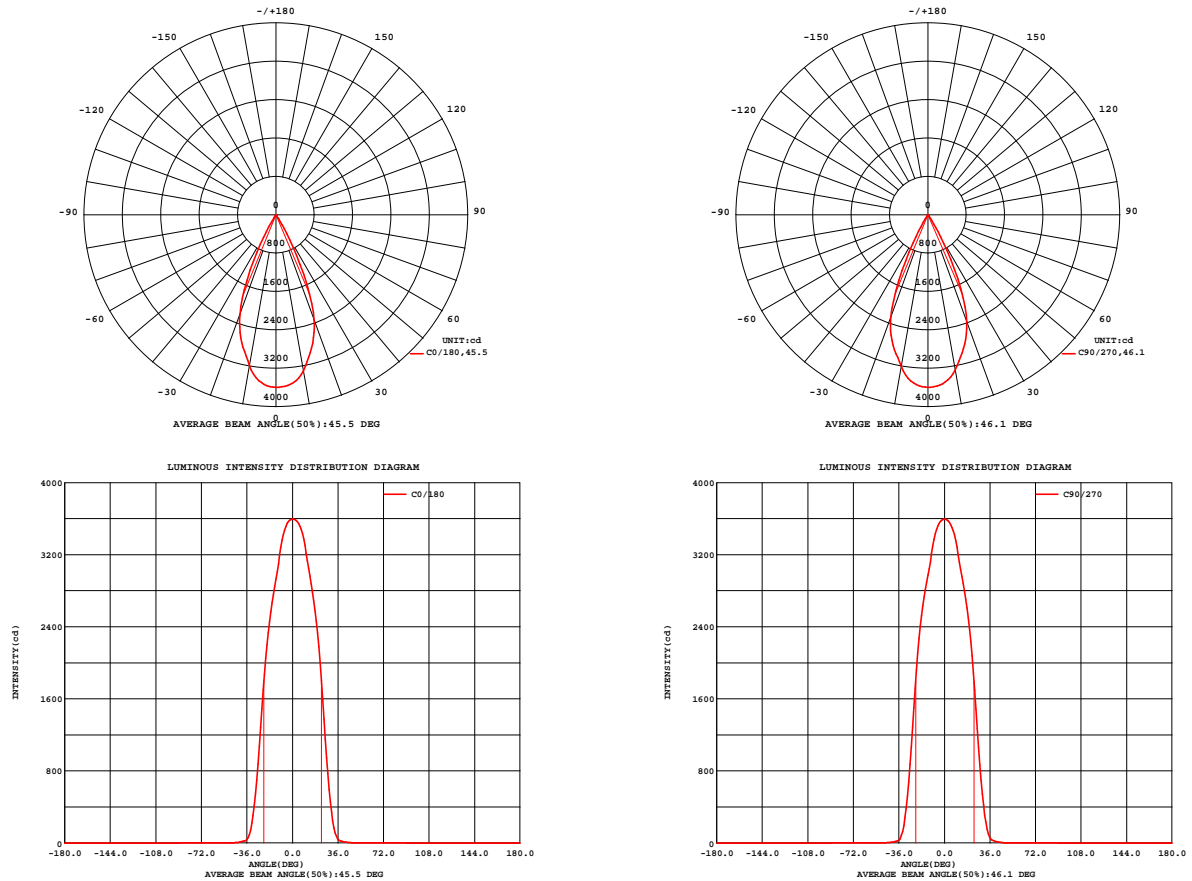


Fig. C0/C180

Fig. C90/C270

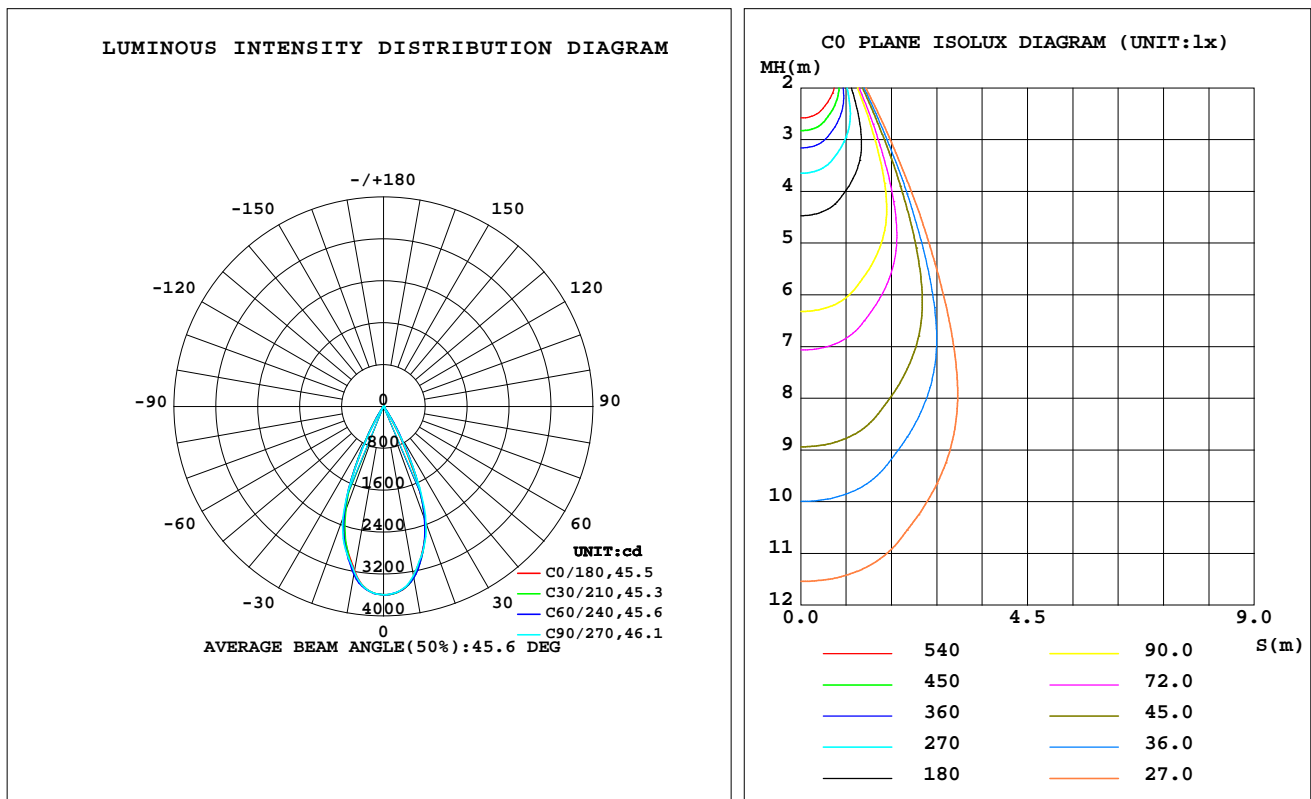
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: zoe
Test Date: 2024-7-30

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-30G2000-C-83 Ra: 90
LENS: PM-1083B 36R
DRIVER: PUP40A-1WMC-850 700mA
30minutes warm-up

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.02V I:0.2350A P:27.965W PF:0.9900 Freq:59.98Hz Lamp Flux:2916.2x1 lm		
NAME: 2418.120-ACOT-84-AM	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407300969
MFR.: RISE	SUR.: 0.0064m2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 65.31 lm/W			
MODEL	Bridgelux	Imax(cd)	3596	S/MH(C0/180)	0.67
NOMINAL POWER(W)	28	LOR(%)	62.6	S/MH(C90/270)	0.67
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1826.5	η UP,DN(C0-180)	0.0,32.2
NOMINAL FLUX(lm)	2916.2	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,30.5
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	120	η down(%)	62.6	CIBSE SHR MAX	0.70



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-7-30

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-30G2000-C-83 Ra:90
LENS;PM-1083B 36R
DRIVER:PUP40A-1WMC-850 700mA
30minutes warm-up

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

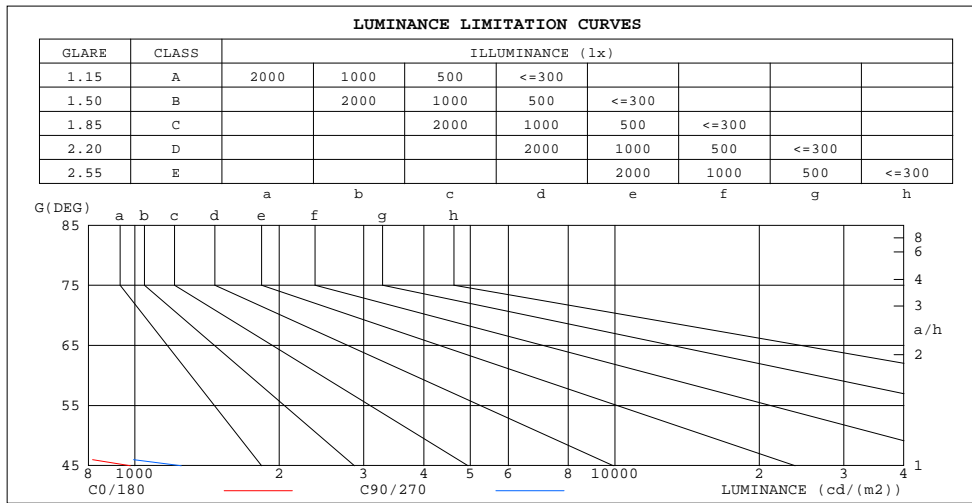
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	3302	3327	3286	3309	3193	3250	3212	3310	0- 10	329.4	329.4	18,11.3
20	2328	2308	2374	2277	2202	2168	2269	2259	10- 20	784.4	1114	61,38.2
30	454.8	582.5	546.3	562.2	412.3	452.7	389.1	513.2	20- 30	611.3	1725	94.4,59.2
40	15.54	23.95	20.50	21.96	14.28	14.72	12.32	14.56	30- 40	95.20	1820	99.7,62.4
50	1.171	2.242	1.297	1.943	1.022	1.556	0.9574	1.694	40- 50	5.221	1825	99.9,62.6
60	0.3845	0.3880	0.3913	0.3672	0.3378	0.3223	0.3304	0.3361	50- 60	0.6211	1826	100,62.6
70	0.2147	0.1888	0.2166	0.1818	0.1895	0.1605	0.1790	0.1577	60- 70	0.2493	1826	100,62.6
80	0.1337	0.1048	0.1283	0.0968	0.1163	0.0900	0.1139	0.0799	70- 80	0.1487	1826	100,62.6
90	0	0	0	0	0	0	0	0	80- 90	0.0617	1827	100,62.6
100	0	0	0	0	0	0	0	0	90-100	0	1827	100,62.6
110	0	0	0	0	0	0	0	0	100-110	0	1827	100,62.6
120	0	0	0	0	0	0	0	0	110-120	0	1827	100,62.6
130	0	0	0	0	0	0	0	0	120-130	0	1827	100,62.6
140	0	0	0	0	0	0	0	0	130-140	0	1827	100,62.6
150	0	0	0	0	0	0	0	0	140-150	0	1827	100,62.6
160	0	0	0	0	0	0	0	0	150-160	0	1827	100,62.6
170	0	0	0	0	0	0	0	0	160-170	0	1827	100,62.6
180	0	0	0	0	0	0	0	0	170-180	0	1827	100,62.6
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-7-30

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-30G2000-C-83 Ra:90
LENS;PM-1083B 36R
DRIVER:PUP40A-1WMC-850 700mA
30minutes warm-up

LUMINANCE LIMITATION CURVES

Test:U:120.02V I:0.2350A P:27.965W PF:0.9900 Freq:59.98Hz Lamp Flux:2916.2x1 lm		
NAME: 2418.120-ACOT-84-AM	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407300969
MFR.: RISE	SUR.: 0.0064m2	Shielding Angle:



LUMINANCE cd/(m2)		
G(180)	C0/180	C90/270
85	163	155
80	120	115
75	103	103
70	98	99
65	101	102
60	120	122
55	162	164
50	285	315
45	979	1249

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-7-30

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-30G2000-C-83 Ra:90
LENS;PM-1083B 36R
DRIVER:PUP40A-1WMC-850 700mA
30minutes warm-up

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.02V I:0.2350A P:27.965W PF:0.9900 Freq:59.98Hz
Lamp Flux:2916.2x1 lm

NAME: 2418.120-ACOT-84-AM

TYPE:

WEIGHT:

SPEC.: 3000K

DIM.:

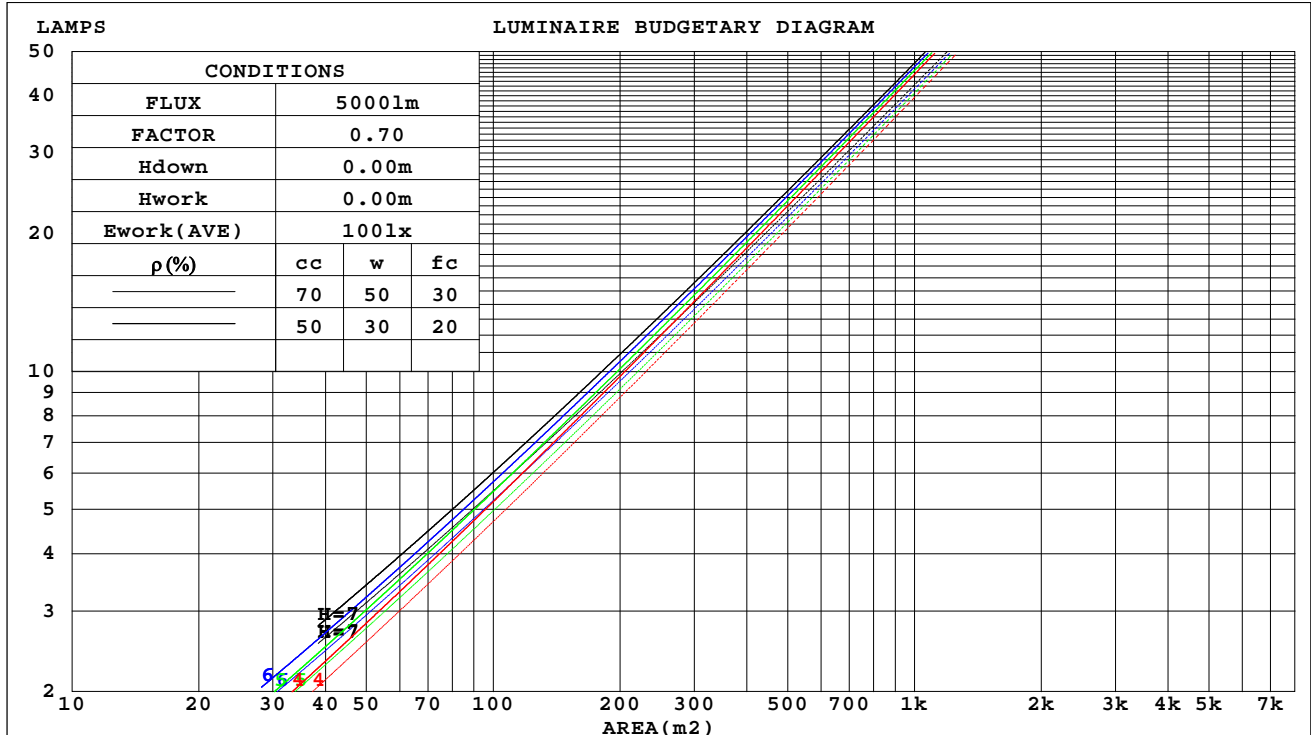
SERIAL No.: 2407300969

MFR.: RISE

SUR.: 0.0064m2

Shielding Angle:

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	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:2024-7-30

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-30G2000-C-83 Ra:90
LENS;PM-1083B 36R
DRIVER:PUP40A-1WMC-850 700mA
30minutes warm-up

WEC AND CCEC

Test:U:120.02V I:0.2350A P:27.965W PF:0.9900 Freq:59.98Hz Lamp Flux:2916.2x1 lm		
NAME: 2418.120-ACOT-84-AM	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407300969
MFR.: RISE	SUR.: 0.0064m2	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	.095	.054	.017	.091	.052	.017	.083	.048	.015	.076	.044	.014	.069	.040	.013		
2.0	.089	.049	.015	.086	.047	.015	.079	.044	.014	.073	.041	.013	.068	.038	.012		
3.0	.084	.045	.013	.081	.044	.013	.076	.041	.013	.071	.039	.012	.066	.037	.011		
4.0	.080	.041	.012	.077	.040	.012	.073	.039	.012	.068	.037	.011	.064	.035	.011		
5.0	.076	.039	.011	.074	.038	.011	.070	.036	.011	.066	.035	.010	.063	.033	.010		
6.0	.072	.036	.010	.071	.036	.010	.067	.034	.010	.064	.033	.010	.061	.032	.009		
7.0	.069	.034	.010	.068	.034	.010	.065	.033	.009	.062	.032	.009	.059	.031	.009		
8.0	.066	.032	.009	.065	.032	.009	.062	.031	.009	.060	.030	.009	.057	.029	.009		
9.0	.064	.031	.009	.062	.030	.009	.060	.030	.008	.058	.029	.008	.056	.028	.008		
10.0	.061	.029	.008	.060	.029	.008	.058	.028	.008	.056	.028	.008	.054	.027	.008		

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	.119	.119	.119	.102	.102	.102	.070	.070	.070	.040	.040	.040	.013	.013	.013	
1.0	.106	.099	.092	.091	.085	.079	.062	.058	.055	.036	.034	.032	.011	.011	.010	
2.0	.095	.083	.073	.082	.072	.063	.056	.049	.044	.032	.029	.026	.010	.009	.008	
3.0	.087	.071	.059	.074	.061	.051	.051	.043	.036	.029	.025	.021	.009	.008	.007	
4.0	.079	.062	.048	.068	.053	.042	.047	.037	.029	.027	.022	.017	.009	.007	.006	
5.0	.073	.054	.040	.063	.047	.035	.043	.033	.024	.025	.019	.014	.008	.006	.005	
6.0	.068	.048	.033	.059	.042	.029	.040	.029	.021	.023	.017	.012	.008	.006	.004	
7.0	.064	.043	.028	.055	.037	.025	.038	.026	.018	.022	.015	.010	.007	.005	.003	
8.0	.060	.039	.024	.052	.034	.021	.036	.024	.015	.021	.014	.009	.007	.005	.003	
9.0	.057	.036	.021	.049	.031	.018	.034	.022	.013	.020	.013	.008	.006	.004	.003	
10.0	.054	.033	.018	.047	.028	.016	.032	.020	.011	.019	.012	.007	.006	.004	.002	

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-7-30

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-30G2000-C-83 Ra:90
LENS;PM-1083B 36R
DRIVER:PUP40A-1WMC-850 700mA
30minutes warm-up

UGR(Unified Glare Rating) Table

Test:U:120.02V I:0.2350A P:27.965W PF:0.9900 Freq:59.98Hz Lamp Flux:2916.2x1 lm										
NAME: 2418.120-ACOT-84-AM					TYPE:			WEIGHT:		
SPEC.: 3000K					DIM.:			SERIAL No.: 2407300969		
MFR.: RISE					SUR.: 0.0064m2			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	6.1	6.9	6.3	7.0	7.2	7.6	8.4	7.8	8.5	8.7
3H	6.0	6.7	6.2	6.9	7.1	7.4	8.2	7.7	8.3	8.5
4H	5.9	6.6	6.1	6.8	7.0	7.4	8.0	7.6	8.2	8.5
6H	5.8	6.4	6.1	6.7	6.9	7.3	7.9	7.6	8.1	8.4
8H	5.8	6.4	6.0	6.6	6.9	7.2	7.8	7.5	8.1	8.3
12H	5.7	6.3	6.0	6.6	6.8	7.2	7.8	7.5	8.0	8.3
4H 2H	5.9	6.6	6.1	6.8	7.0	7.4	8.0	7.6	8.2	8.5
3H	5.7	6.3	6.0	6.6	6.8	7.2	7.8	7.5	8.0	8.3
4H	5.6	6.1	5.9	6.4	6.7	7.1	7.6	7.4	7.9	8.2
6H	5.5	6.0	5.9	6.3	6.7	7.0	7.5	7.4	7.8	8.1
8H	5.5	5.9	5.8	6.2	6.6	6.9	7.4	7.3	7.7	8.1
12H	5.4	5.8	5.8	6.2	6.6	6.9	7.3	7.3	7.7	8.0
8H 4H	5.5	5.9	5.8	6.2	6.6	6.9	7.4	7.3	7.7	8.1
6H	5.3	5.7	5.8	6.1	6.5	6.8	7.2	7.3	7.6	8.0
8H	5.3	5.6	5.7	6.0	6.5	6.8	7.1	7.2	7.5	7.9
12H	5.2	5.5	5.7	5.9	6.4	6.7	7.0	7.2	7.4	7.9
12H 4H	5.4	5.8	5.8	6.2	6.6	6.9	7.3	7.3	7.7	8.0
6H	5.3	5.6	5.7	6.0	6.5	6.8	7.1	7.2	7.5	7.9
8H	5.2	5.5	5.7	5.9	6.4	6.7	7.0	7.2	7.4	7.9
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 3.1 / -13.3					+ 3.2 / -15.1				
1.5H	+ 5.6 / -12.6					+ 5.8 / -14.3				
2.0H	+ 6.1 / - 4.5					+ 6.4 / - 5.3				

CIE Pub.117, 2916 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 3.7)
Area: 0.0064 m2

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-7-30

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-30G2000-C-83 Ra:90
LENS;PM-1083B 36R
DRIVER:PUP40A-1WMC-850 700mA
30minutes warm-up

UTILIZATION FACTORS TABLE

Test:U:120.02V I:0.2350A P:27.965W PF:0.9900 Freq:59.98Hz Lamp Flux:2916.2x1 lm		
NAME: 2418.120-ACOT-84-AM	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407300969
MFR.: RISE	SUR.: 0.0064m2	Shielding Angle:

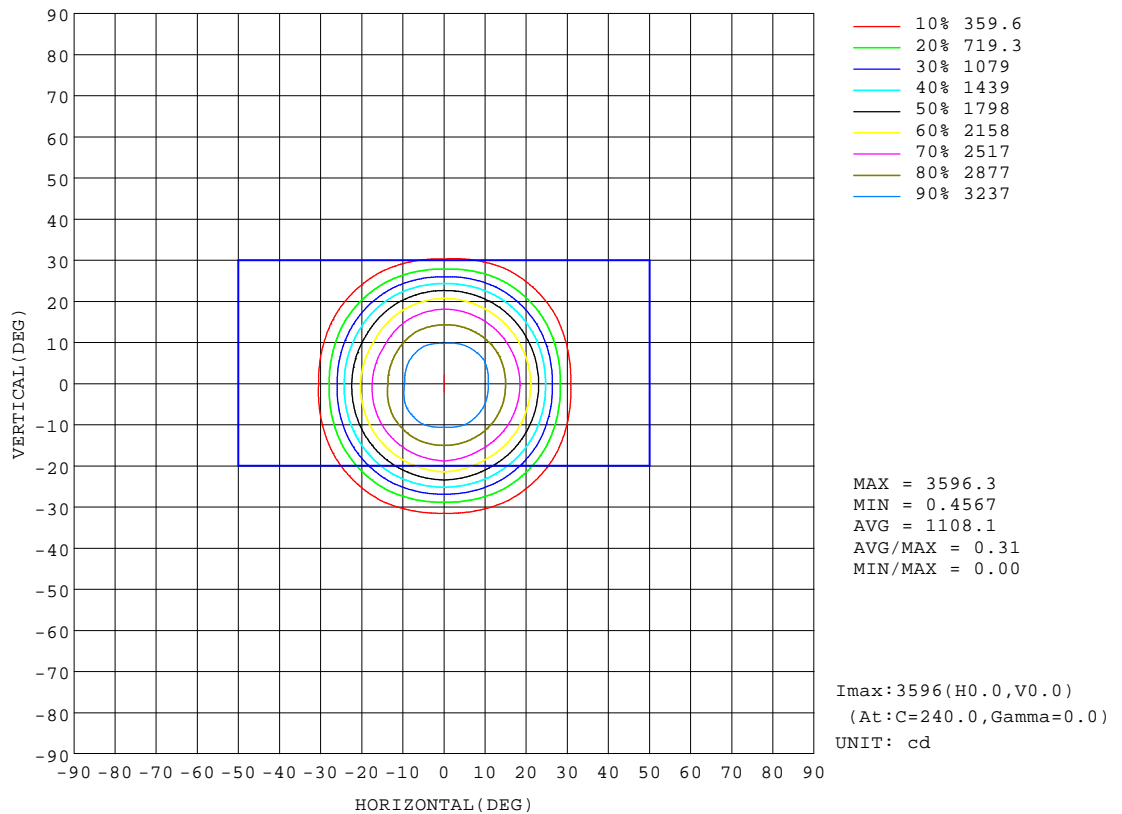
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	57	54	52	57	54	52	56	53	51	49
0.80	62	58	56	61	58	56	60	58	56	54
1.00	64	61	59	63	60	59	62	60	58	56
1.25	66	63	61	65	63	61	64	62	61	58
1.50	68	65	63	67	64	63	65	64	62	60
2.00	69	67	65	68	66	64	66	65	63	60
2.50	70	68	66	69	67	65	67	65	64	61
3.00	71	69	67	70	68	66	67	66	65	61
4.00	72	70	69	71	69	68	68	67	66	62
5.00	73	71	70	71	70	69	69	68	67	63
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:2024-7-30

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-30G2000-C-83 Ra:90
LENS;PM-1083B 36R
DRIVER:PUP40A-1WMC-850 700mA
30minutes warm-up

ISOCANDELA DIAGRAM

Test:U:120.02V I:0.2350A P:27.965W PF:0.9900 Freq:59.98Hz Lamp Flux:2916.2x1 lm		
NAME: 2418.120-ACOT-84-AM	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407300969
MFR.: RISE	SUR.: 0.0064m2	Shielding Angle:

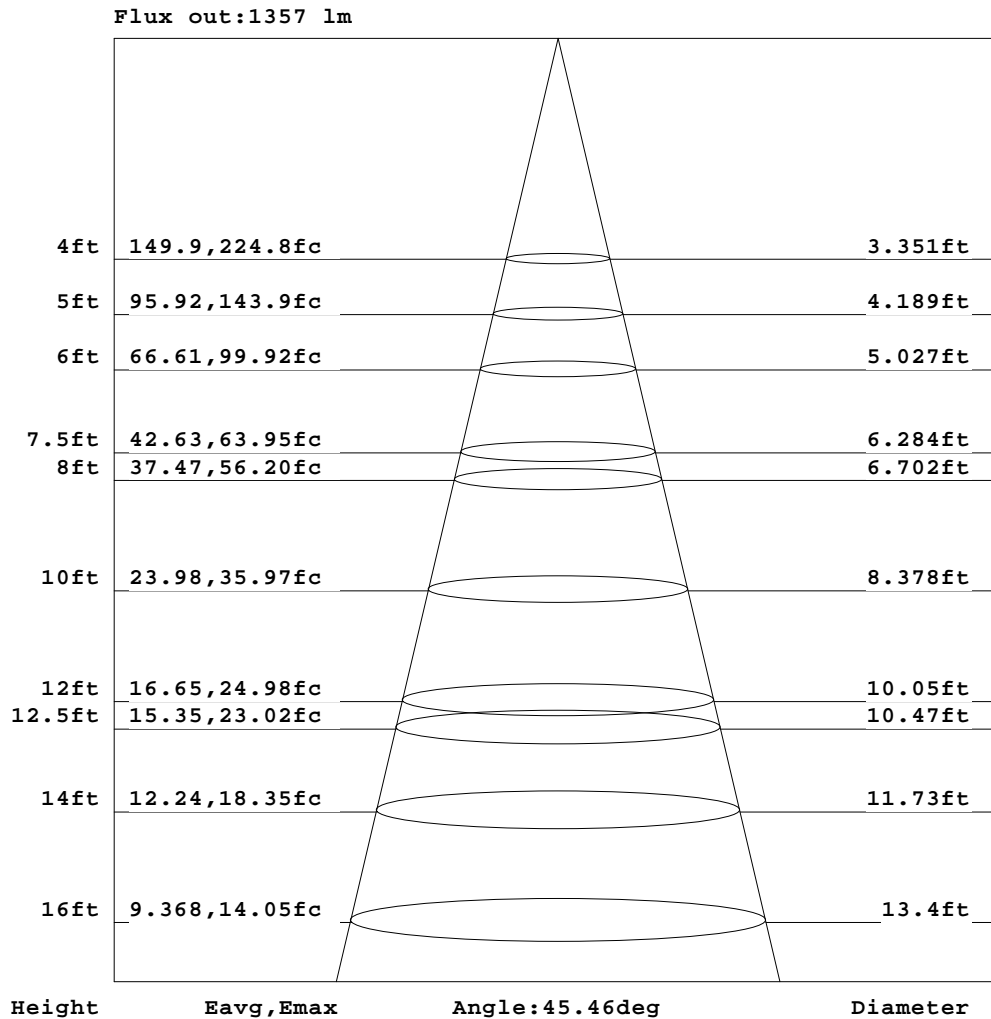


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-7-30

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-30G2000-C-83 Ra:90
LENS;PM-1083B 36R
DRIVER:PUP40A-1WMC-850 700mA
30minutes warm-up

AAI Figure

Test:U:120.02V I:0.2350A P:27.965W PF:0.9900 Freq:59.98Hz Lamp Flux:2916.2x1 lm		
NAME: 2418.120-ACOT-84-AM	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407300969
MFR.: RISE	SUR.: 0.0064m2	Shielding Angle:



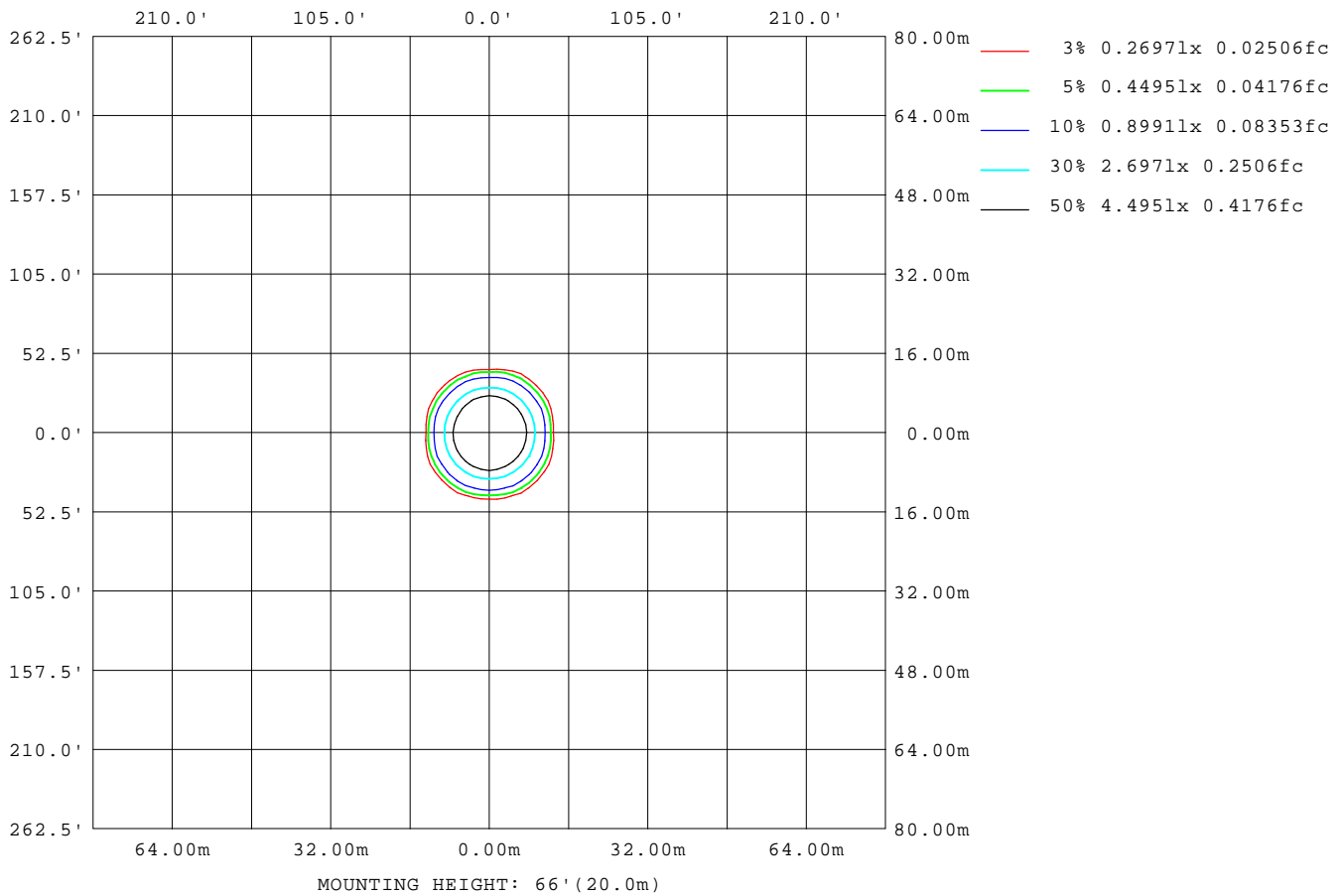
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: zoe
Test Date: 2024-7-30

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-30G2000-C-83 Ra: 90
LENS: PM-1083B 36R
DRIVER: PUP40A-1WMC-850 700mA
30minutes warm-up

ISOLUX DIAGRAM

Test:U:120.02V I:0.2350A P:27.965W PF:0.9900 Freq:59.98Hz Lamp Flux:2916.2x1 lm		
NAME: 2418.120-ACOT-84-AM	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407300969
MFR.: RISE	SUR.: 0.0064m2	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-7-30

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-30G2000-C-83 Ra:90
LENS;PM-1083B 36R
DRIVER:PUP40A-1WMC-850 700mA
30minutes warm-up

LED Avg.L Report

Test:U:120.02V I:0.2350A P:27.965W PF:0.9900 Freq:59.98Hz Lamp Flux:2916.2x1 lm		
NAME: 2418.120-ACOT-84-AM	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407300969
MFR.: RISE	SUR.: 0.0064m2	Shielding Angle:

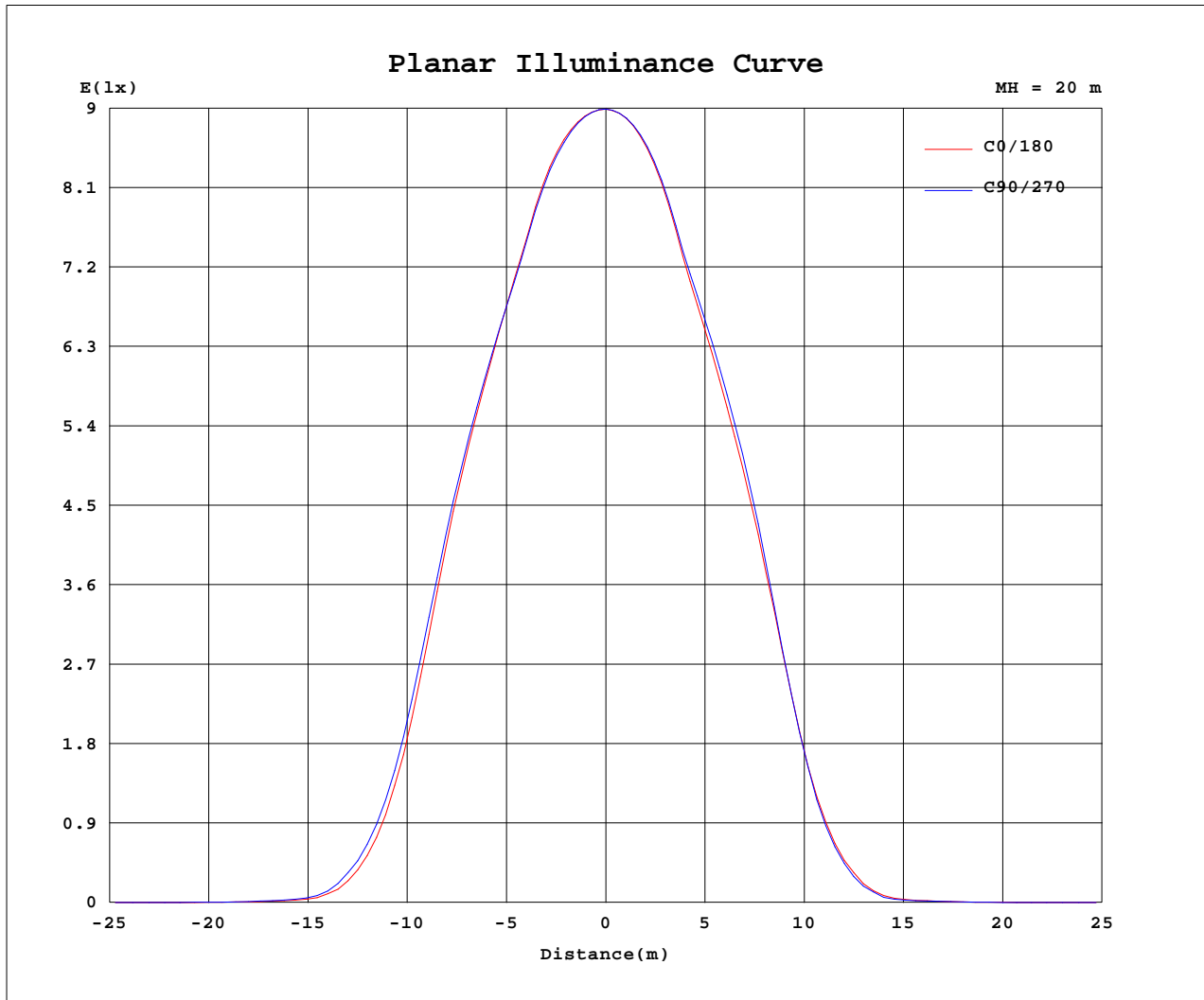
AvgL	cd/m2
L_0~180(65)av	95
L_0~180(75)av	98
L_0~180(85)av	147
L_90~270(65)av	94
L_90~270(75)av	95
L_90~270(85)av	125
L_45(65)av	87
L_45(75)av	76
L_45(85)av	73

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-7-30

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-30G2000-C-83 Ra:90
LENS;PM-1083B 36R
DRIVER:PUP40A-1WMC-850 700mA
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: 2024-7-30

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-30G2000-C-83 Ra: 90
 LENS: PM-1083B 36R
 DRIVER: PUP40A-1WMC-850 700mA
 30minutes warm-up

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.02V I:0.2350A P:27.965W PF:0.9900 Freq:59.98Hz Lamp Flux:2916.2x1 lm		
NAME: 2418.120-ACOT-84-AM	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407300969
MFR.: RISE	SUR.: 0.0064m2	Shielding Angle:

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	3596	3596	3596	3596	3596	3596	3596	3596	3596	3596	3596	3596						
5	3543	3541	3538	3535	3537	3529	3513	3517	3522	3518	3528	3539						
10	3302	3323	3330	3286	3321	3297	3193	3239	3260	3212	3283	3337						
15	2875	2893	2888	2881	2885	2841	2760	2746	2807	2816	2838	2874						
20	2328	2315	2301	2374	2305	2249	2202	2123	2212	2269	2252	2266						
25	1375	1449	1468	1484	1466	1395	1279	1288	1312	1281	1365	1385						
30	455	566	599	546	593	531	412	455	450	389	507	519						
35	74.9	144	164	97.2	151	129	58.4	102	98.1	44.4	123	126						
40	15.5	23.2	24.6	20.5	21.6	22.3	14.3	15.3	14.2	12.3	14.3	14.9						
45	4.43	7.06	8.03	5.65	7.00	7.27	3.91	5.69	4.84	3.77	5.81	5.87						
50	1.17	2.18	2.30	1.30	2.05	1.83	1.02	1.56	1.55	0.96	1.60	1.79						
55	0.59	0.63	0.65	0.60	0.61	0.58	0.52	0.51	0.50	0.51	0.54	0.56						
60	0.38	0.39	0.39	0.39	0.37	0.36	0.34	0.33	0.32	0.33	0.33	0.34						
65	0.27	0.26	0.26	0.28	0.25	0.25	0.24	0.22	0.22	0.23	0.22	0.23						
70	0.21	0.19	0.19	0.22	0.18	0.18	0.19	0.16	0.16	0.18	0.16	0.16						
75	0.17	0.14	0.14	0.17	0.13	0.14	0.15	0.12	0.12	0.15	0.12	0.12						
80	0.13	0.10	0.11	0.13	0.10	0.10	0.12	0.09	0.09	0.11	0.08	0.08						
85	0.09	0.06	0.06	0.09	0.04	0.05	0.07	0.04	0.04	0.05	0.03	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
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Operators:zoe
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