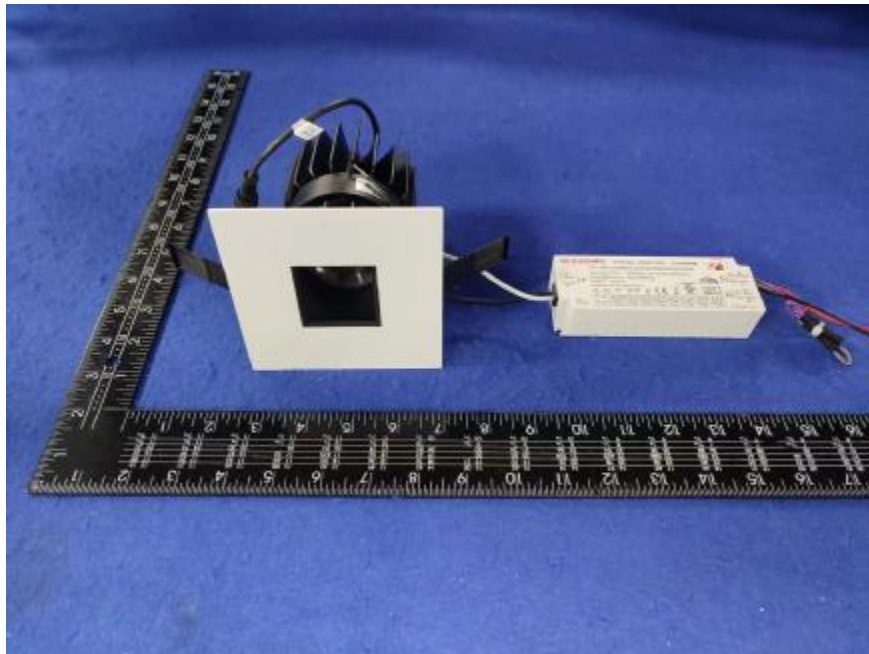


Luminaire Photograph



Light Output Ratio:	48.2%	
Luminaire Power:	28.05 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: 2024-7-30

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-30G2000-C-83 Ra:90
LENS: PM-1083 15R
DRIVER: PUP40A-1WMC-850 700mA
30minutes warm-up

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

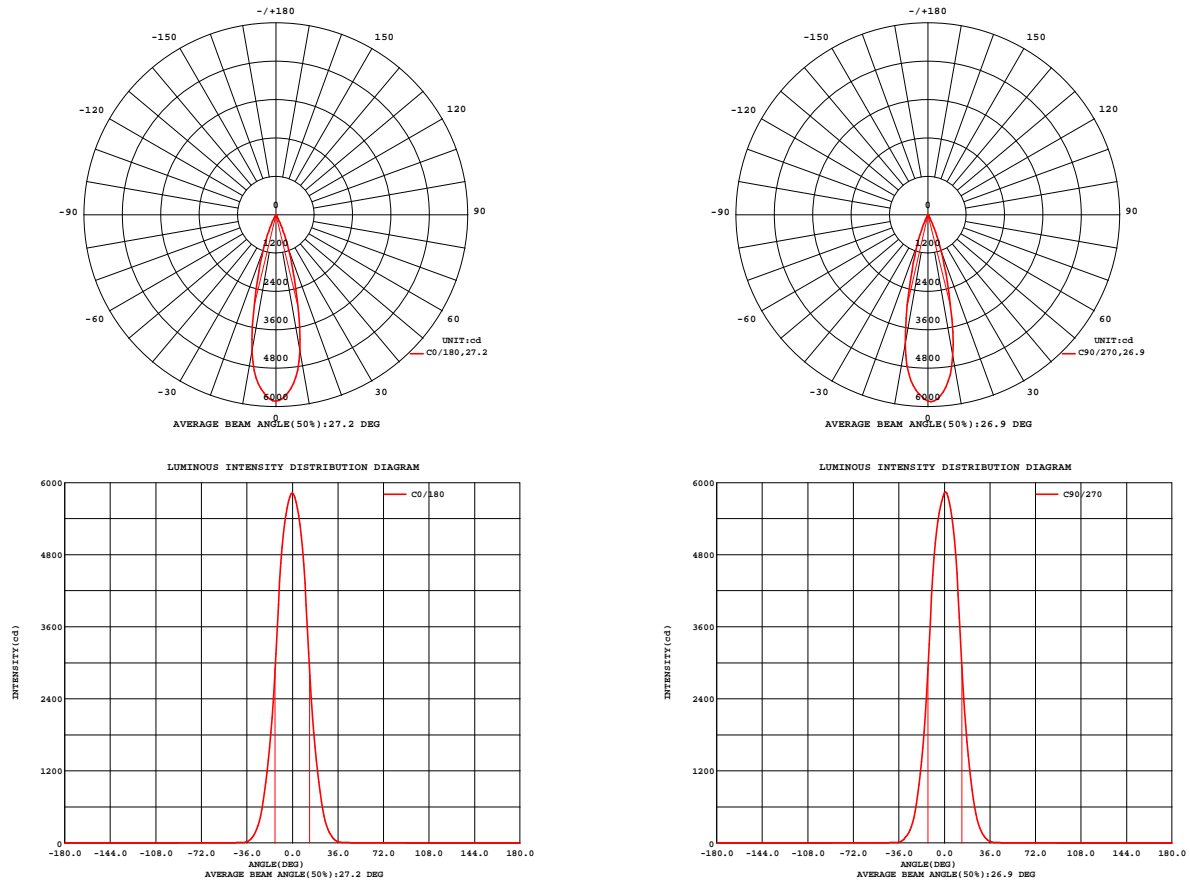


Fig. C0/C180

Fig. C90/C270

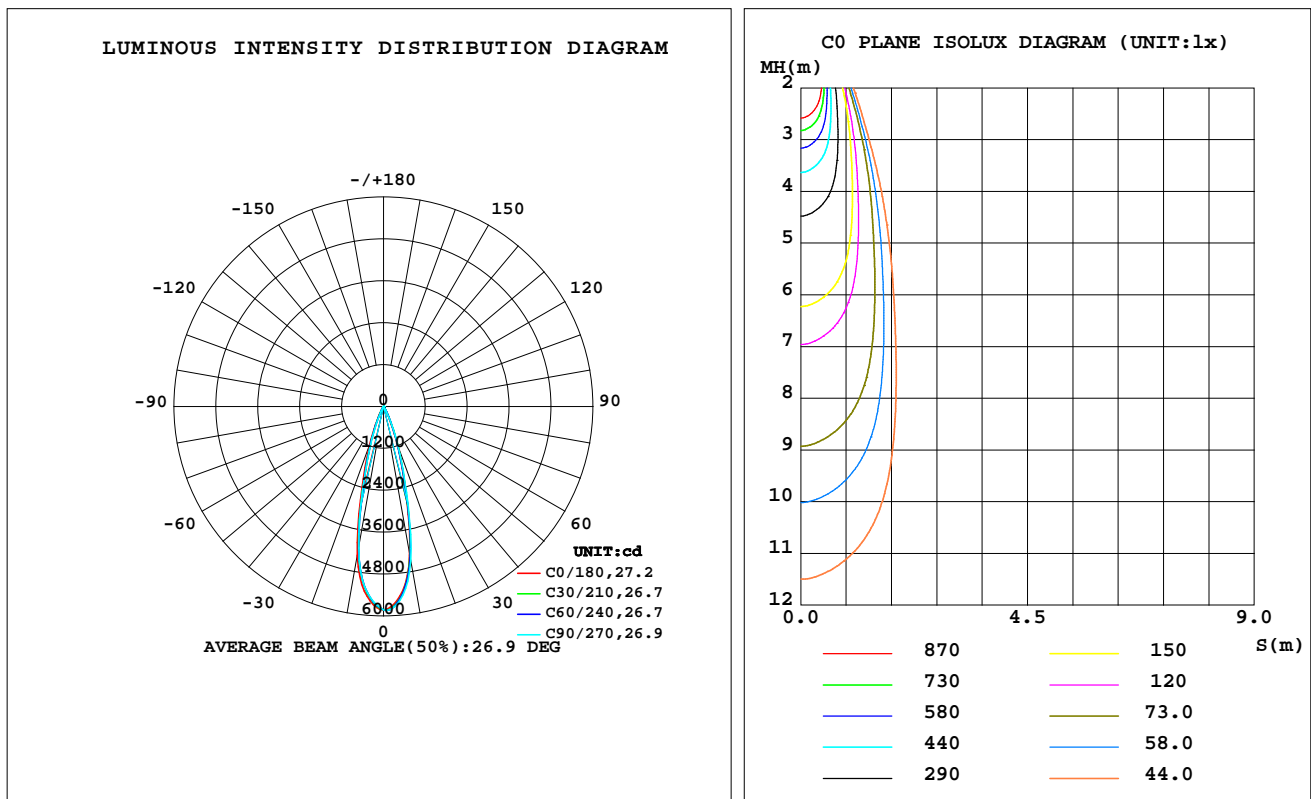
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: zoe
Test Date: 2024-7-30

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-30G2000-C-83 Ra: 90
LENS: PM-1083 15R
DRIVER: PUP40A-1WMC-850 700mA
30minutes warm-up

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.02V I:0.2358A P:28.054W PF:0.9900 Freq:59.98Hz Lamp Flux:2916.2x1 lm		
NAME: 2418.120-ACOT-84-AM	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407300967
MFR.: RISE	SUR.: 0.0064m2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 50.13 lm/W			
MODEL	Bridgelux	Imax(cd)	5843	S/MH(C0/180)	0.45
NOMINAL POWER(W)	28	LOR(%)	48.2	S/MH(C90/270)	0.43
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1406.4	UP,DN(C0-180)	0.0,25.3
NOMINAL FLUX(lm)	2916.2	CIE CLASS	DIRECT	UP,DN(C180-360)	0.0,23.0
LAMPS INSIDE	1	up(%)	0.0	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	120	down(%)	48.2	CIBSE SHR MAX	0.30



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

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-30G2000-C-83 Ra:90
LENS;PM-1083 15R
DRIVER:PUP40A-1WMC-850 700mA
30minutes warm-up

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

	C0	C45	C90	C135	C180	C225	C270	C315		zone	total	%lum,lamp
10	4323	4382	4490	4405	4339	4136	4114	4112	0- 10	483.6	483.6	34.4,16.6
20	1188	1218	1243	1185	1183	1021	966.4	1019	10- 20	655.5	1139	81,39.1
30	144.1	191.6	159.8	187.2	143.4	147.6	108.3	149.8	20- 30	225.9	1365	97.1,46.8
40	8.963	13.42	8.827	14.23	8.509	9.816	7.765	9.566	30- 40	35.81	1401	99.6,48
50	1.496	2.665	1.672	3.209	1.453	2.406	1.190	2.251	40- 50	4.204	1405	99.9,48.2
60	0.4807	0.5211	0.5531	0.5193	0.4876	0.4260	0.4375	0.4133	50- 60	0.8476	1406	100,48.2
70	0.2343	0.2191	0.2539	0.2219	0.2546	0.1953	0.2314	0.1824	60- 70	0.3212	1406	100,48.2
80	0.1467	0.0933	0.0979	0.0851	0.1555	0.0829	0.1057	0.0742	70- 80	0.1669	1406	100,48.2
90	0	0	0	0	0	0	0	0	80- 90	0.0480	1406	100,48.2
100	0	0	0	0	0	0	0	0	90-100	0	1406	100,48.2
110	0	0	0	0	0	0	0	0	100-110	0	1406	100,48.2
120	0	0	0	0	0	0	0	0	110-120	0	1406	100,48.2
130	0	0	0	0	0	0	0	0	120-130	0	1406	100,48.2
140	0	0	0	0	0	0	0	0	130-140	0	1406	100,48.2
150	0	0	0	0	0	0	0	0	140-150	0	1406	100,48.2
160	0	0	0	0	0	0	0	0	150-160	0	1406	100,48.2
170	0	0	0	0	0	0	0	0	160-170	0	1406	100,48.2
180	0	0	0	0	0	0	0	0	170-180	0	1406	100,48.2
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

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-30G2000-C-83 Ra:90
LENS;PM-1083 15R
DRIVER:PUP40A-1WMC-850 700mA
30minutes warm-up

LUMINANCE LIMITATION CURVES

Test:U:120.02V I:0.2358A P:28.054W PF:0.9900 Freq:59.98Hz
Lamp Flux:2916.2x1 lm

NAME: 2418.120-ACOT-84-AM

TYPE:

WEIGHT:

SPEC.: 3000K

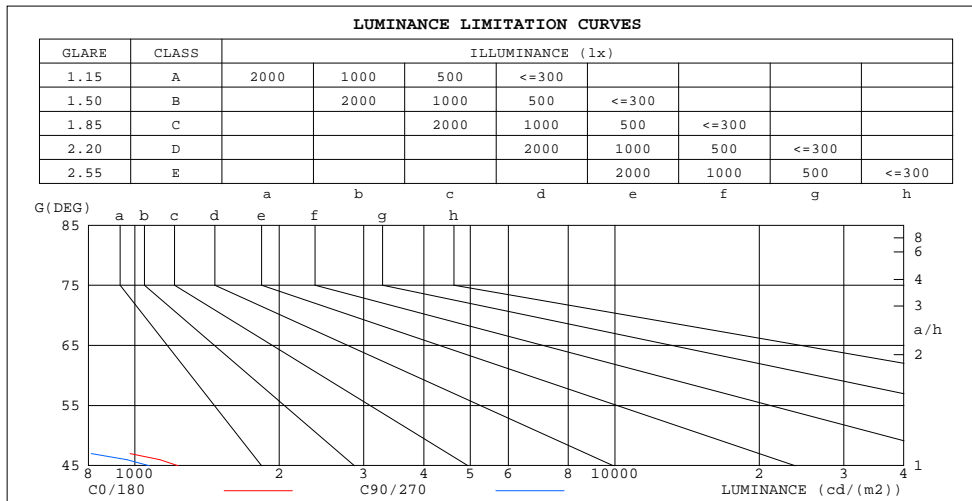
DIM.:

SERIAL No.: 2407300967

MFR.: RISE

SUR.: 0.0064m2

Shielding Angle:



LUMINANCE cd/(m2)		
G(180)	C0/180	C90/270
85	153	78
80	132	88
75	114	111
70	107	116
65	118	134
60	150	173
55	202	234
50	363	407
45	1230	1072

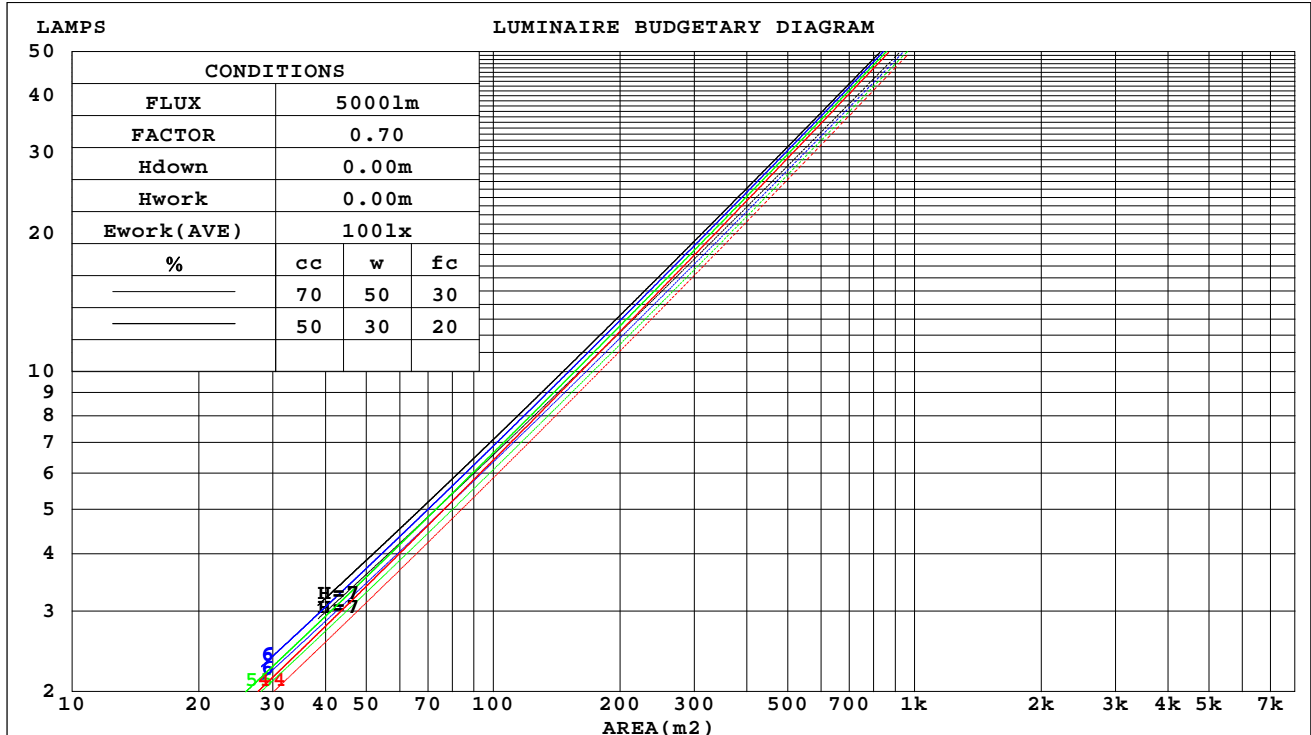
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-7-30

Range: 0 - 180DEG
Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.461
Humidity:65.0%
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Remarks: LAMP:BXRE-30G2000-C-83 Ra:90
LENS;PM-1083 15R
DRIVER:PUP40A-1WMC-850 700mA
30minutes warm-up

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.02V I:0.2358A P:28.054W PF:0.9900 Freq:59.98Hz Lamp Flux:2916.2x1 lm		
NAME: 2418.120-ACOT-84-AM	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407300967
MFR.: RISE	SUR.: 0.0064m2	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	.57	.57	.57	.56	.56	.56	.54	.54	.54	.51	.51	.51	.49	.49	.49	.48
1.0	.54	.54	.53	.53	.53	.52	.52	.51	.50	.50	.49	.49	.48	.48	.47	.47
2.0	.52	.51	.49	.51	.50	.49	.50	.49	.48	.48	.48	.47	.47	.46	.46	.45
3.0	.50	.48	.47	.49	.48	.46	.48	.47	.46	.47	.46	.45	.46	.45	.44	.44
4.0	.48	.46	.45	.47	.46	.44	.46	.45	.44	.46	.44	.43	.45	.44	.43	.42
5.0	.46	.44	.43	.46	.44	.43	.45	.43	.42	.44	.43	.42	.44	.42	.42	.41
6.0	.45	.43	.41	.44	.42	.41	.44	.42	.41	.43	.42	.41	.43	.41	.40	.40
7.0	.43	.41	.40	.43	.41	.40	.42	.41	.40	.42	.40	.39	.41	.40	.39	.39
8.0	.42	.40	.39	.42	.40	.39	.41	.40	.38	.41	.39	.38	.40	.39	.38	.38
9.0	.41	.39	.37	.40	.39	.37	.40	.38	.37	.40	.38	.37	.39	.38	.37	.37
10.0	.40	.38	.36	.39	.38	.36	.39	.37	.36	.39	.37	.36	.38	.37	.36	.36



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

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-30G2000-C-83 Ra:90
LENS;PM-1083 15R
DRIVER:PUP40A-1WMC-850 700mA
30minutes warm-up



WEC AND CCEC

Test:U:120.02V I:0.2358A P:28.054W PF:0.9900 Freq:59.98Hz Lamp Flux:2916.2x1 lm		
NAME: 2418.120-ACOT-84-AM	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407300967
MFR.: RISE	SUR.: 0.0064m2	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	.065	.037	.012	.062	.035	.011	.056	.032	.010	.051	.029	.009	.045	.026	.008	
2.0	.060	.033	.010	.058	.032	.010	.053	.029	.009	.048	.027	.008	.044	.025	.008	
3.0	.056	.030	.009	.054	.029	.009	.050	.027	.008	.046	.025	.008	.043	.024	.007	
4.0	.053	.027	.008	.051	.027	.008	.047	.025	.008	.044	.024	.007	.041	.022	.007	
5.0	.050	.025	.007	.048	.025	.007	.045	.023	.007	.042	.022	.007	.040	.021	.006	
6.0	.047	.024	.007	.046	.023	.007	.043	.022	.006	.041	.021	.006	.039	.020	.006	
7.0	.045	.022	.006	.044	.022	.006	.041	.021	.006	.039	.020	.006	.037	.019	.006	
8.0	.043	.021	.006	.042	.020	.006	.040	.020	.006	.038	.019	.006	.036	.019	.005	
9.0	.041	.020	.006	.040	.019	.005	.038	.019	.005	.037	.018	.005	.035	.018	.005	
10.0	.039	.019	.005	.038	.019	.005	.037	.018	.005	.035	.018	.005	.034	.017	.005	

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	.092	.092	.092	.079	.079	.079	.054	.054	.054	.031	.031	.031	.010	.010	.010	
1.0	.081	.076	.071	.069	.065	.062	.047	.045	.043	.027	.026	.025	.009	.008	.008	
2.0	.072	.064	.057	.062	.055	.049	.042	.038	.034	.024	.022	.020	.008	.007	.007	
3.0	.065	.055	.046	.056	.047	.040	.038	.033	.028	.022	.019	.017	.007	.006	.005	
4.0	.059	.047	.038	.051	.041	.033	.035	.028	.023	.020	.017	.014	.006	.005	.005	
5.0	.054	.041	.032	.046	.036	.028	.032	.025	.020	.018	.015	.012	.006	.005	.004	
6.0	.050	.036	.027	.043	.032	.023	.029	.022	.017	.017	.013	.010	.006	.004	.003	
7.0	.046	.032	.023	.040	.028	.020	.027	.020	.014	.016	.012	.008	.005	.004	.003	
8.0	.043	.029	.020	.037	.025	.017	.026	.018	.012	.015	.010	.007	.005	.003	.002	
9.0	.040	.026	.017	.035	.023	.015	.024	.016	.011	.014	.010	.006	.005	.003	.002	
10.0	.038	.024	.015	.033	.021	.013	.023	.015	.009	.013	.009	.006	.004	.003	.002	

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

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-30G2000-C-83 Ra:90
LENS;PM-1083 15R
DRIVER:PUP40A-1WMC-850 700mA
30minutes warm-up

UGR(Unified Glare Rating) Table

Test:U:120.02V I:0.2358A P:28.054W PF:0.9900 Freq:59.98Hz Lamp Flux:2916.2x1 lm										
NAME: 2418.120-ACOT-84-AM					TYPE:			WEIGHT:		
SPEC.: 3000K					DIM.:			SERIAL No.: 2407300967		
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	0.7	1.3	0.9	1.5	1.6	1.0	1.7	1.2	1.8	2.0
3H	0.6	1.1	0.8	1.3	1.5	0.9	1.5	1.1	1.7	1.9
4H	0.5	1.0	0.7	1.3	1.5	0.8	1.4	1.1	1.6	1.8
6H	0.4	0.9	0.7	1.2	1.4	0.7	1.3	1.0	1.5	1.7
8H	0.4	0.9	0.6	1.1	1.4	0.7	1.2	1.0	1.5	1.7
12H	0.3	0.8	0.6	1.1	1.3	0.6	1.1	1.0	1.4	1.7
4H 2H	0.5	1.0	0.7	1.2	1.5	0.8	1.4	1.1	1.6	1.8
3H	0.3	0.8	0.6	1.1	1.3	0.6	1.1	1.0	1.4	1.7
4H	0.2	0.7	0.5	1.0	1.3	0.6	1.0	0.9	1.3	1.6
6H	0.1	0.5	0.5	0.9	1.2	0.5	0.9	0.8	1.2	1.5
8H	0.1	0.5	0.5	0.8	1.2	0.4	0.8	0.8	1.1	1.5
12H	0.0	0.4	0.4	0.7	1.1	0.4	0.7	0.8	1.1	1.5
8H 4H	0.1	0.4	0.4	0.8	1.1	0.4	0.8	0.8	1.1	1.5
6H	-0.0	0.3	0.4	0.7	1.1	0.3	0.6	0.7	1.0	1.4
8H	-0.1	0.2	0.3	0.6	1.0	0.2	0.5	0.7	0.9	1.4
12H	-0.2	0.1	0.3	0.5	1.0	0.2	0.4	0.6	0.9	1.3
12H 4H	0.0	0.4	0.4	0.7	1.1	0.3	0.7	0.7	1.1	1.4
6H	-0.1	0.2	0.3	0.6	1.0	0.2	0.5	0.7	0.9	1.4
8H	-0.2	0.1	0.3	0.5	1.0	0.2	0.4	0.6	0.9	1.3
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 3.6 / - 9.2					+ 3.1 / - 9.8				
1.5H	+ 5.5 / - 8.5					+ 5.2 / - 8.8				
2.0H	+ 5.7 / - 4.9					+ 5.6 / - 4.5				

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

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-30G2000-C-83 Ra:90
LENS;PM-1083 15R
DRIVER:PUP40A-1WMC-850 700mA
30minutes warm-up

UTILIZATION FACTORS TABLE

Test:U:120.02V I:0.2358A P:28.054W PF:0.9900 Freq:59.98Hz Lamp Flux:2916.2x1 lm		
NAME: 2418.120-ACOT-84-AM	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407300967
MFR.: RISE	SUR.: 0.0064m2	Shielding Angle:

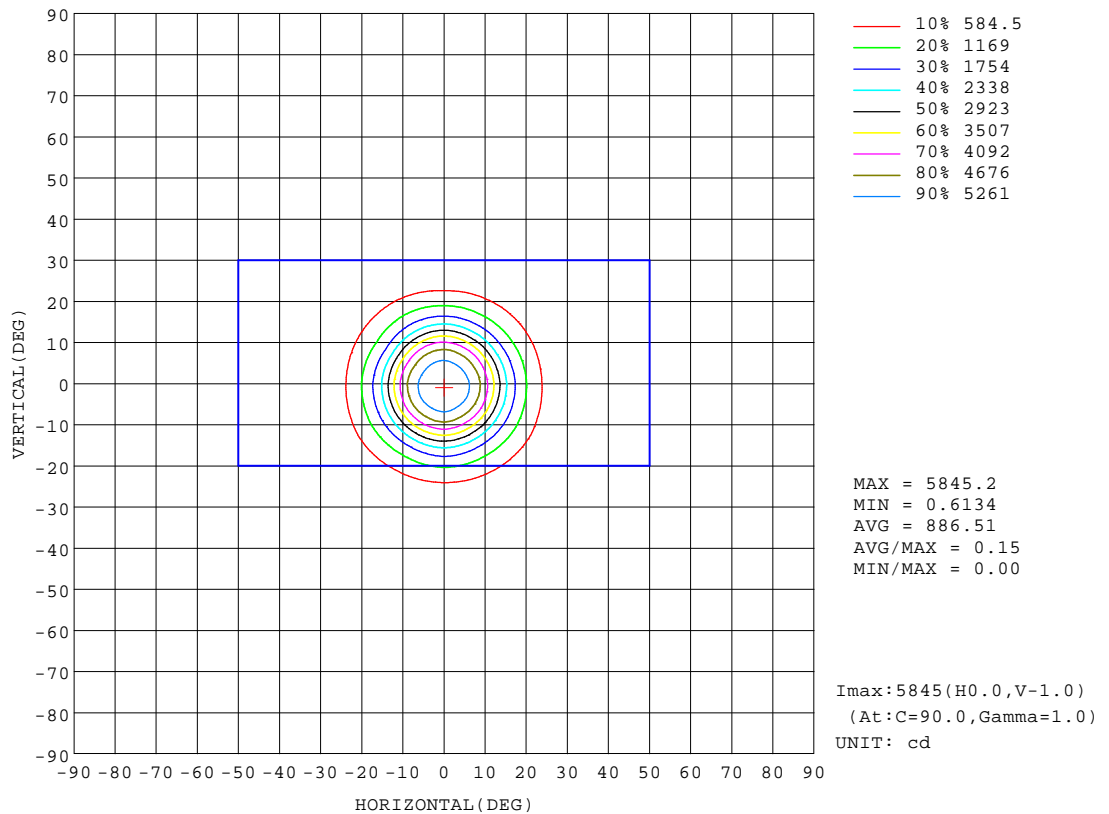
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	44	41	40	44	41	40	43	41	40	38
0.80	47	45	43	47	45	43	47	44	43	42
1.00	49	47	45	49	47	45	48	46	45	43
1.25	51	49	47	50	48	47	49	48	47	45
1.50	52	50	49	51	50	48	50	49	48	46
2.00	53	51	50	52	51	49	51	50	49	46
2.50	54	52	51	53	51	50	52	50	49	47
3.00	54	53	52	54	52	51	52	51	50	47
4.00	55	54	53	54	53	52	53	52	51	48
5.00	56	55	54	55	54	53	53	52	52	48
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

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-30G2000-C-83 Ra:90
LENS;PM-1083 15R
DRIVER:PUP40A-1WMC-850 700mA
30minutes warm-up

ISOCANDELA DIAGRAM

Test:U:120.02V I:0.2358A P:28.054W PF:0.9900 Freq:59.98Hz Lamp Flux:2916.2x1 lm		
NAME: 2418.120-ACOT-84-AM	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407300967
MFR.: RISE	SUR.: 0.0064m2	Shielding Angle:

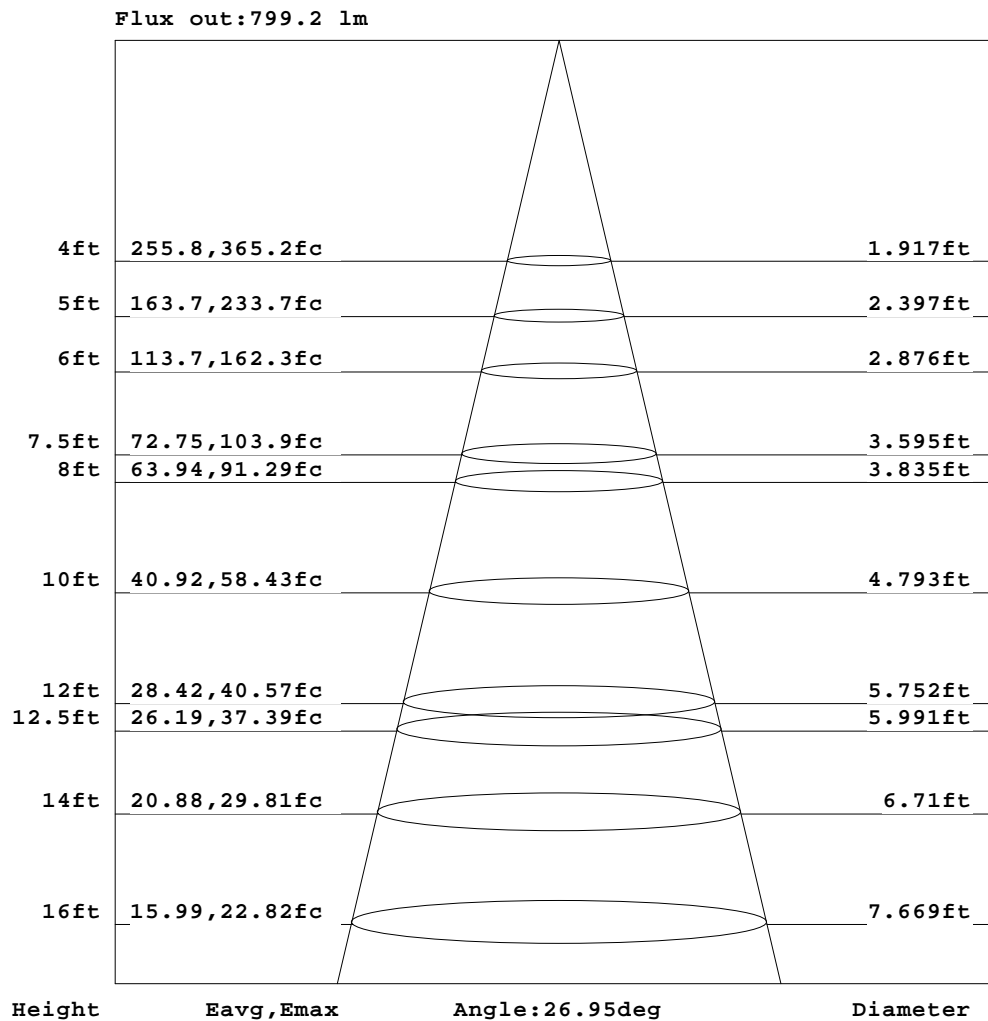


C Range: 0 - 360DEG
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Test Speed: HIGH
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Range: 0 - 180DEG
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Remarks: LAMP:BXRE-30G2000-C-83 Ra:90
LENS;PM-1083 15R
DRIVER:PUP40A-1WMC-850 700mA
30minutes warm-up

AAI Figure

Test:U:120.02V I:0.2358A P:28.054W PF:0.9900 Freq:59.98Hz Lamp Flux:2916.2x1 lm		
NAME: 2418.120-ACOT-84-AM	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407300967
MFR.: RISE	SUR.: 0.0064m2	Shielding Angle:



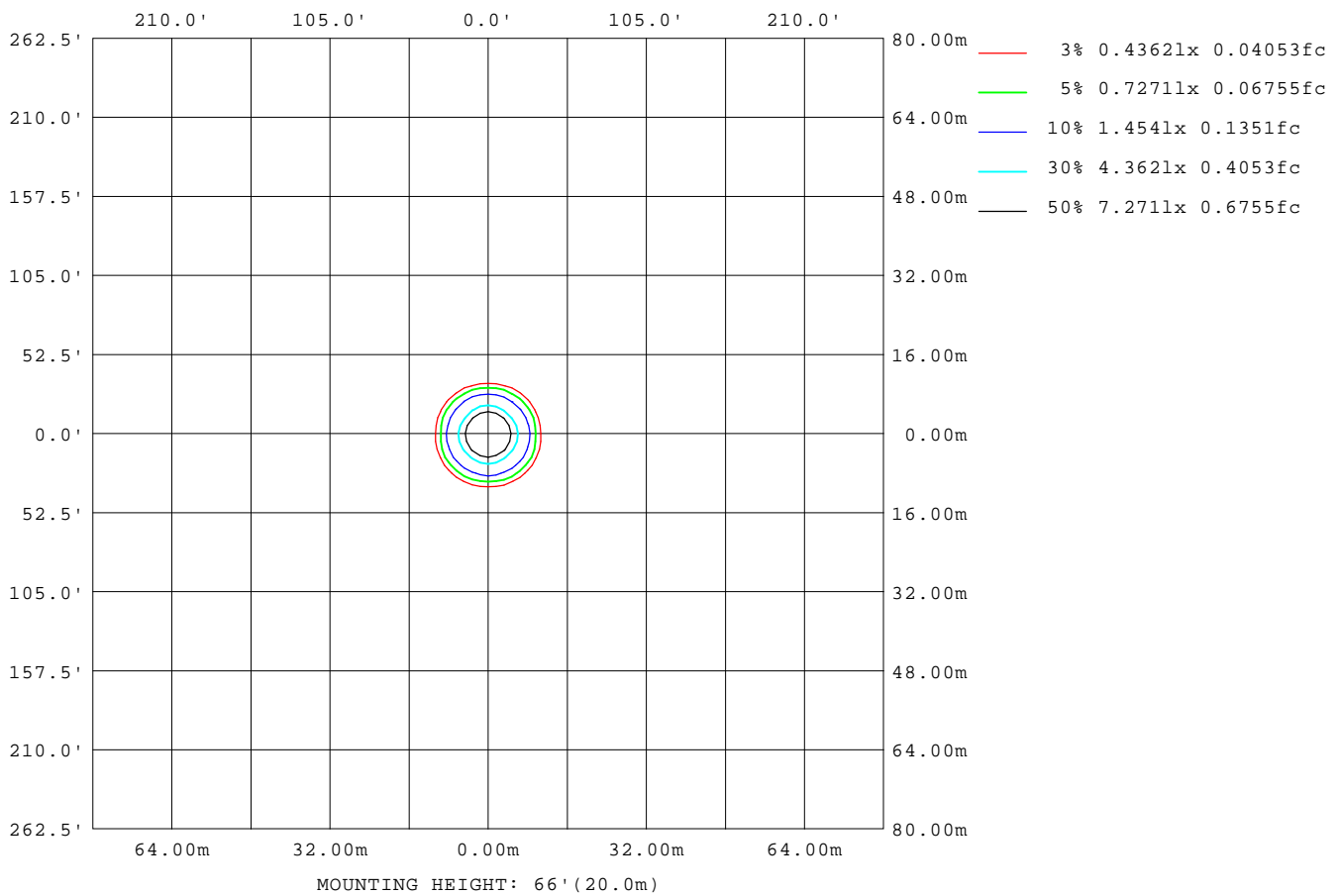
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

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-30G2000-C-83 Ra: 90
LENS: PM-1083 15R
DRIVER: PUP40A-1WMC-850 700mA
30minutes warm-up

ISOLUX DIAGRAM

Test:U:120.02V I:0.2358A P:28.054W PF:0.9900 Freq:59.98Hz Lamp Flux:2916.2x1 lm		
NAME: 2418.120-ACOT-84-AM	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407300967
MFR.: RISE	SUR.: 0.0064m2	Shielding Angle:



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

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-30G2000-C-83 Ra:90
LENS;PM-1083 15R
DRIVER:PUP40A-1WMC-850 700mA
30minutes warm-up

LED Avg.L Report

Test:U:120.02V I:0.2358A P:28.054W PF:0.9900 Freq:59.98Hz Lamp Flux:2916.2x1 lm		
NAME: 2418.120-ACOT-84-AM	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407300967
MFR.: RISE	SUR.: 0.0064m2	Shielding Angle:

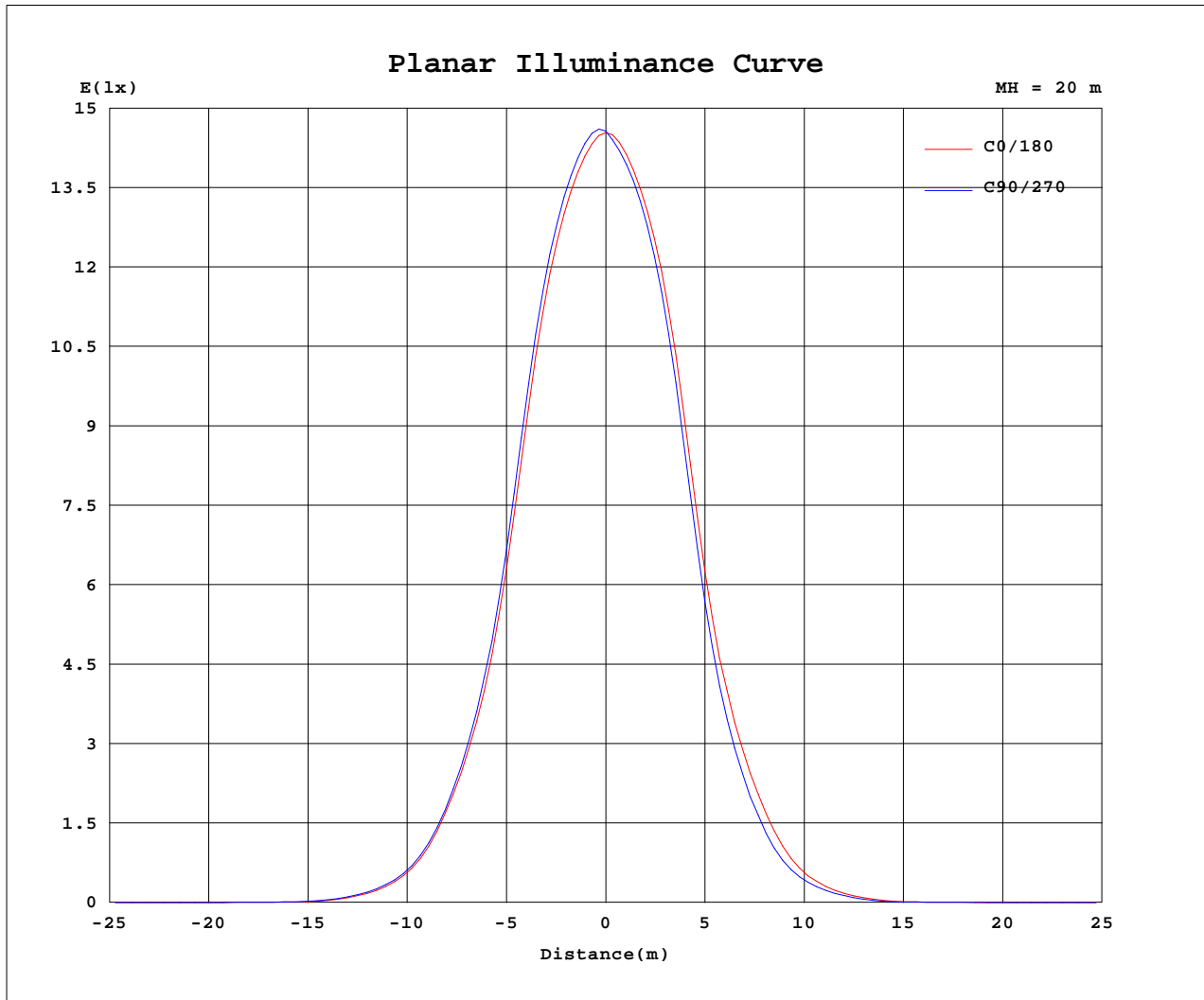
AvgL	cd/m2
L_0~180(65)av	122
L_0~180(75)av	118
L_0~180(85)av	167
L_90~270(65)av	124
L_90~270(75)av	110
L_90~270(85)av	70
L_45(65)av	111
L_45(75)av	83
L_45(85)av	33

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

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-30G2000-C-83 Ra:90
LENS;PM-1083 15R
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

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-30G2000-C-83 Ra: 90
 LENS: PM-1083 15R
 DRIVER: PUP40A-1WMC-850 700mA
 30minutes warm-up



LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.02V I:0.2358A P:28.054W PF:0.9900 Freq:59.98Hz Lamp Flux:2916.2x1 lm		
NAME: 2418.120-ACOT-84-AM	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407300967
MFR.: RISE	SUR.: 0.0064m2	Shielding Angle:

Table--1

UNIT: cd

C(DEG) (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	5825	5825	5825	5825	5825	5825	5825	5825	5825	5825	5825	5825						
5	5447	5507	5514	5554	5520	5503	5460	5370	5356	5356	5327	5352						
10	4323	4372	4392	4490	4424	4386	4339	4155	4118	4114	4076	4149						
15	2429	2452	2477	2559	2478	2442	2396	2152	2149	2148	2120	2224						
20	1188	1233	1202	1243	1167	1204	1183	1023	1020	966	978	1060						
25	451	519	503	481	486	505	451	446	398	336	392	438						
30	144	194	190	160	191	184	143	160	135	108	142	158						
35	32.7	61.7	62.5	40.1	66.1	61.4	30.6	52.8	42.8	19.4	47.2	50.5						
40	8.96	13.6	13.3	8.83	16.5	12.0	8.51	11.4	8.27	7.76	9.27	9.86						
45	5.58	5.91	5.00	4.85	6.36	6.27	5.10	5.12	5.22	4.73	4.93	5.21						
50	1.50	3.14	2.19	1.67	3.38	3.04	1.45	2.34	2.47	1.19	2.10	2.41						
55	0.74	0.83	0.88	0.86	0.90	0.82	0.73	0.70	0.66	0.66	0.64	0.67						
60	0.48	0.51	0.53	0.55	0.53	0.51	0.49	0.43	0.42	0.44	0.40	0.42						
65	0.32	0.33	0.34	0.36	0.34	0.33	0.34	0.29	0.28	0.31	0.26	0.27						
70	0.23	0.22	0.22	0.25	0.22	0.22	0.25	0.20	0.19	0.23	0.18	0.19						
75	0.19	0.16	0.16	0.18	0.15	0.15	0.20	0.14	0.14	0.18	0.12	0.13						
80	0.15	0.11	0.08	0.10	0.07	0.10	0.16	0.09	0.07	0.11	0.06	0.09						
85	0.09	0.04	0.03	0.04	0.02	0.02	0.10	0.03	0.02	0.03	0.01	0.02						
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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