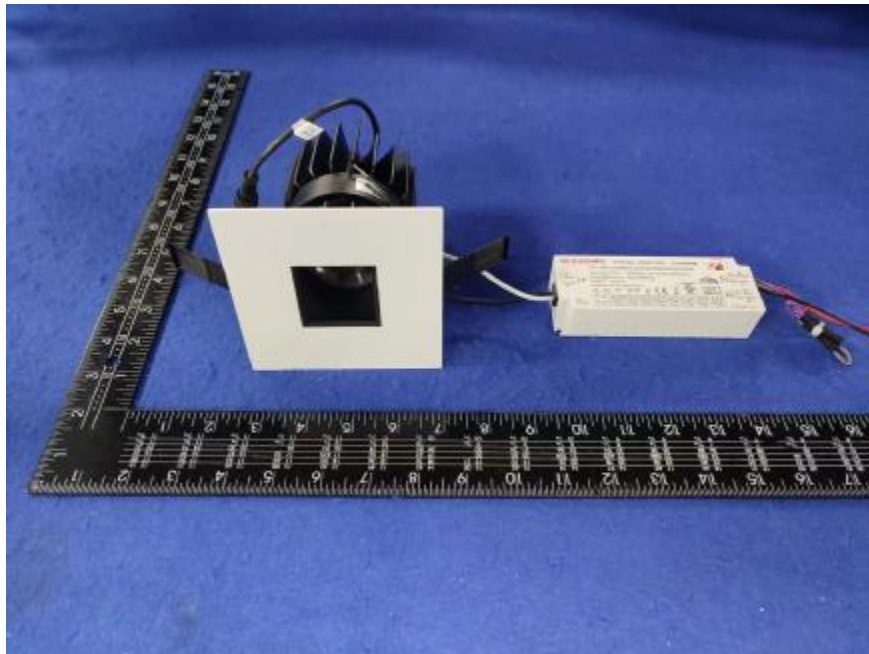


## Luminaire Photograph



Light Output Ratio:	62.6%	
Luminaire Power:	28.05 W	
SHR Nominal:	0.75	Calculated using the TM5
SHR Maximum:	0.85	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-1083C 50R  
DRIVER: PUP40A-1WMC-850 700mA  
30minutes warm-up

## LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

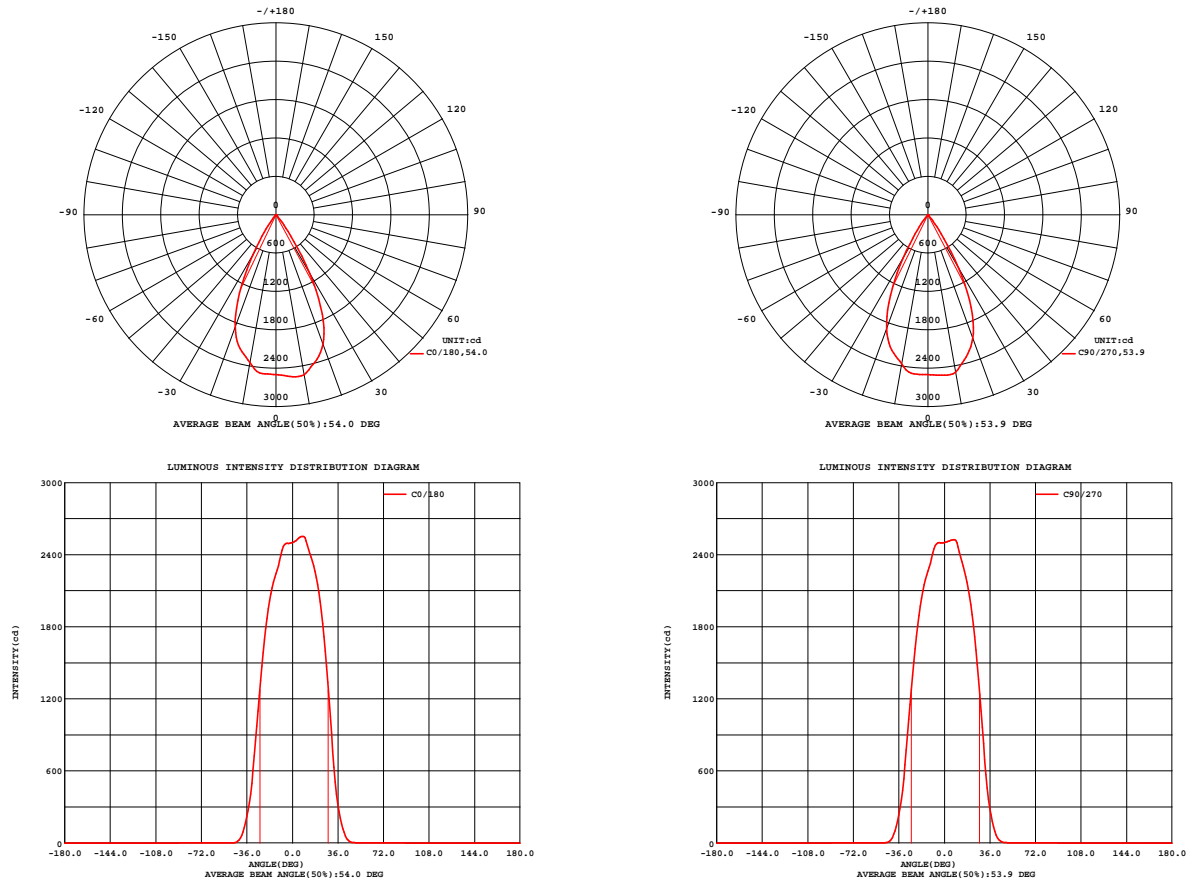


Fig. C0/C180

Fig. C90/C270

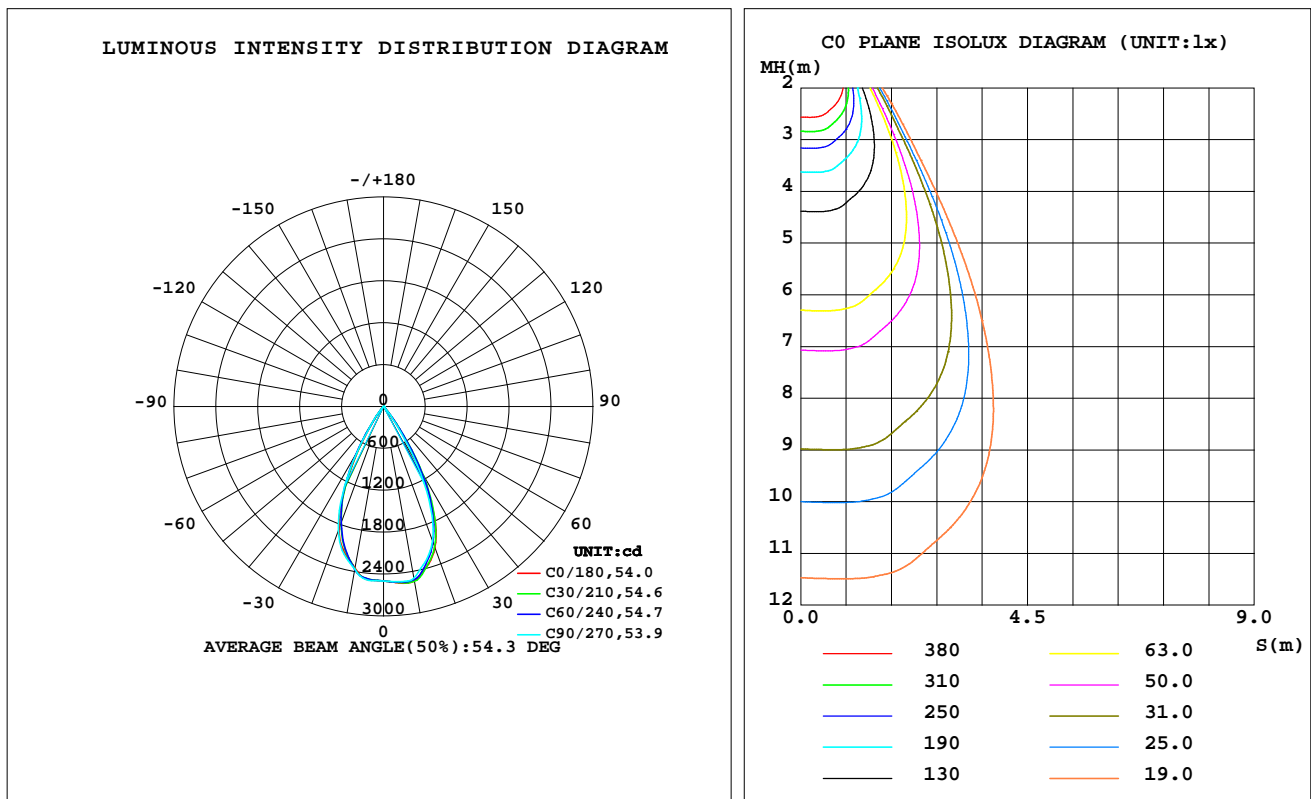
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3 °C  
Operators: zoe  
Test Date: 2024-7-30

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-1083C 50R  
DRIVER: PUP40A-1WMC-850 700mA  
30minutes warm-up

## LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.03V I:0.2357A P:28.050W PF:0.9901 Freq:59.98Hz Lamp Flux:2916.2x1 lm		
NAME: 2418.120-ACOT-84-AM	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407300970
MFR.: RISE	SUR.: 0.0064m2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 65.07 lm/W			
MODEL	Bridgelux	Imax(cd)	2551	S/MH(C0/180)	0.77
NOMINAL POWER(W)	28	LOR(%)	62.6	S/MH(C90/270)	0.78
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1825.3	UP,DN(C0-180)	0.0,32.9
NOMINAL FLUX(lm)	2916.2	CIE CLASS	DIRECT	UP,DN(C180-360)	0.0,29.7
LAMPS INSIDE	1	up(%)	0.0	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	120	down(%)	62.6	CIBSE SHR MAX	0.85



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-1083C 50R  
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	2539	2530	2498	2465	2349	2370	2368	2503	0- 10	238.4	238.4	13.1,8.17
20	2153	2107	2051	1964	1870	1776	1894	2030	10- 20	630.4	868.8	47.6,29.8
30	1053	1133	964.2	913.2	724.0	784.6	774.0	1003	20- 30	681.2	1550	84.9,53.2
40	119.1	125.8	96.37	92.18	62.51	74.17	72.03	105.6	30- 40	255.0	1805	98.9,61.9
50	2.192	3.661	2.628	2.347	0.9206	1.318	0.9390	2.256	40- 50	19.05	1824	99.9,62.5
60	0.4358	0.4588	0.4308	0.3974	0.3545	0.3284	0.3426	0.3720	50- 60	0.7745	1825	100,62.6
70	0.2085	0.1919	0.2066	0.1825	0.1985	0.1611	0.1812	0.1640	60- 70	0.2619	1825	100,62.6
80	0.1241	0.1031	0.1078	0.0919	0.1193	0.0875	0.1083	0.0850	70- 80	0.1473	1825	100,62.6
90	0	0	0	0	0	0	0	0	80- 90	0.0589	1825	100,62.6
100	0	0	0	0	0	0	0	0	90-100	0	1825	100,62.6
110	0	0	0	0	0	0	0	0	100-110	0	1825	100,62.6
120	0	0	0	0	0	0	0	0	110-120	0	1825	100,62.6
130	0	0	0	0	0	0	0	0	120-130	0	1825	100,62.6
140	0	0	0	0	0	0	0	0	130-140	0	1825	100,62.6
150	0	0	0	0	0	0	0	0	140-150	0	1825	100,62.6
160	0	0	0	0	0	0	0	0	150-160	0	1825	100,62.6
170	0	0	0	0	0	0	0	0	160-170	0	1825	100,62.6
180	0	0	0	0	0	0	0	0	170-180	0	1825	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

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-1083C 50R  
DRIVER:PUP40A-1WMC-850 700mA  
30minutes warm-up

### LUMINANCE LIMITATION CURVES

Test:U:120.03V I:0.2357A P:28.050W PF:0.9901 Freq:59.98Hz  
Lamp Flux:2916.2x1 lm

NAME: 2418.120-ACOT-84-AM

TYPE:

WEIGHT:

SPEC.: 3000K

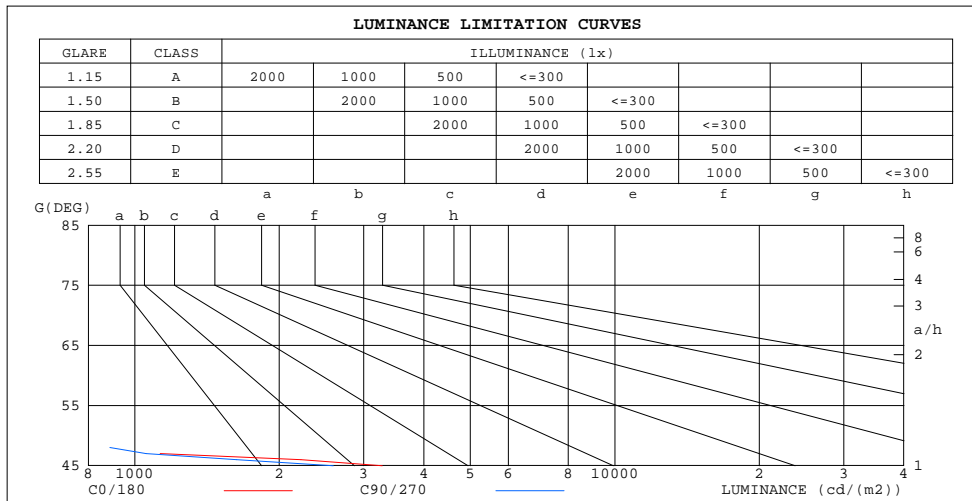
DIM.:

SERIAL No.: 2407300970

MFR.: RISE

SUR.: 0.0064m2

Shielding Angle:



LUMINANCE cd/(m2)		
G(180)	C0/180	C90/270
85	147	116
80	112	97
75	97	97
70	95	94
65	105	106
60	136	135
55	221	209
50	533	639
45	3278	2589

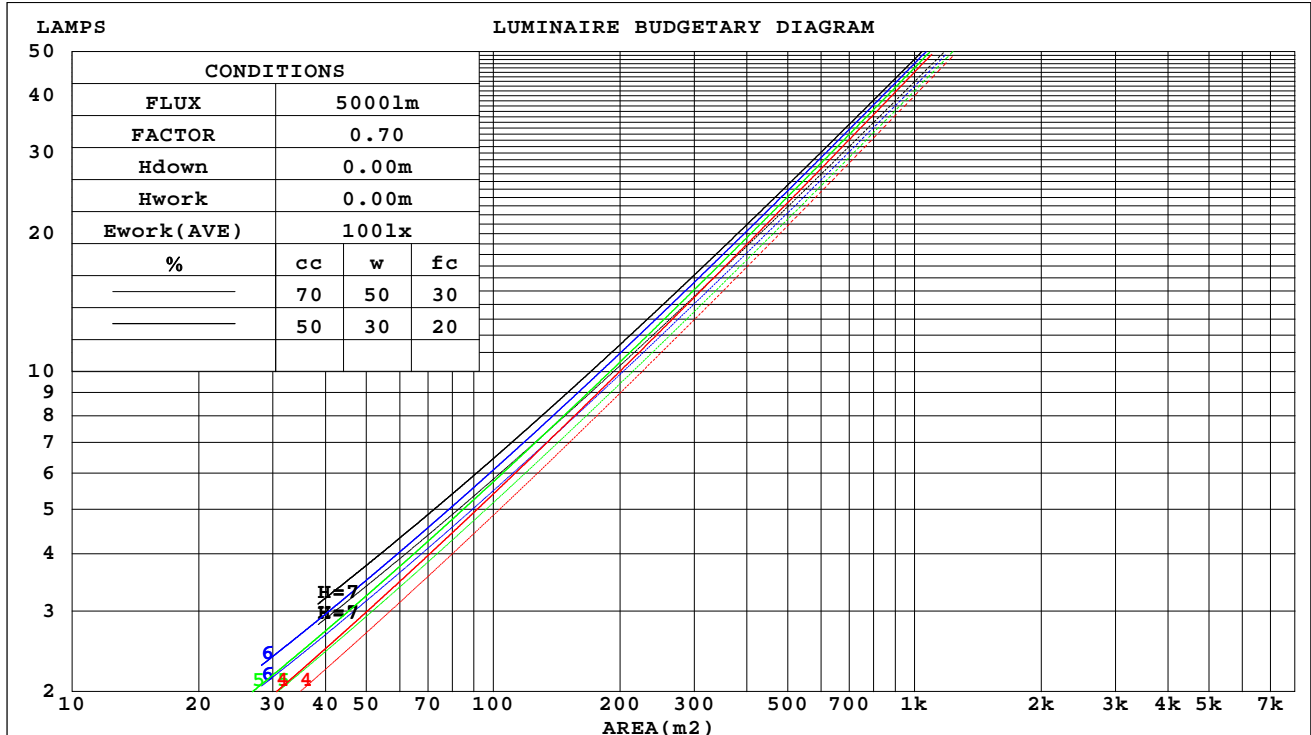
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2024-7-30

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-1083C 50R  
DRIVER:PUP40A-1WMC-850 700mA  
30minutes warm-up

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.03V I:0.2357A P:28.050W PF:0.9901 Freq:59.98Hz Lamp Flux:2916.2x1 lm		
NAME: 2418.120-ACOT-84-AM	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407300970
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	.75	.75	.75	.73	.73	.73	.70	.70	.70	.67	.67	.67	.64	.64	.64	.63
1.0	.70	.68	.67	.68	.67	.66	.66	.65	.64	.64	.63	.62	.61	.61	.60	.59
2.0	.66	.63	.61	.64	.62	.61	.62	.61	.59	.61	.59	.58	.59	.58	.57	.56
3.0	.62	.59	.57	.61	.58	.56	.59	.57	.55	.58	.56	.54	.56	.55	.54	.53
4.0	.58	.55	.53	.57	.55	.52	.56	.54	.52	.55	.53	.51	.54	.52	.51	.50
5.0	.55	.52	.49	.54	.51	.49	.53	.51	.49	.52	.50	.48	.51	.49	.48	.47
6.0	.52	.49	.46	.52	.48	.46	.51	.48	.46	.50	.47	.45	.49	.47	.45	.44
7.0	.49	.46	.44	.49	.46	.43	.48	.45	.43	.47	.45	.43	.47	.45	.43	.42
8.0	.47	.43	.41	.47	.43	.41	.46	.43	.41	.45	.43	.41	.45	.42	.41	.40
9.0	.45	.41	.39	.44	.41	.39	.44	.41	.39	.43	.41	.39	.43	.40	.39	.38
10.0	.42	.39	.37	.42	.39	.37	.42	.39	.37	.41	.39	.37	.41	.38	.37	.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-1083C 50R  
DRIVER:PUP40A-1WMC-850 700mA  
30minutes warm-up

### WEC AND CCEC

Test:U:120.03V I:0.2357A P:28.050W PF:0.9901 Freq:59.98Hz Lamp Flux:2916.2x1 lm		
NAME: 2418.120-ACOT-84-AM	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407300970
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	.102	.058	.018	.098	.056	.018	.090	.052	.017	.083	.048	.015	.076	.044	.014	
2.0	.097	.053	.016	.094	.052	.016	.087	.048	.015	.081	.045	.014	.075	.043	.013	
3.0	.092	.049	.015	.089	.048	.014	.084	.045	.014	.079	.043	.013	.074	.041	.013	
4.0	.088	.046	.013	.085	.045	.013	.080	.043	.013	.076	.041	.012	.072	.039	.012	
5.0	.084	.043	.012	.081	.042	.012	.077	.040	.012	.073	.039	.012	.070	.037	.011	
6.0	.080	.040	.011	.078	.039	.011	.074	.038	.011	.071	.037	.011	.068	.036	.011	
7.0	.077	.038	.011	.075	.037	.011	.072	.036	.010	.069	.035	.010	.066	.034	.010	
8.0	.074	.036	.010	.072	.035	.010	.069	.035	.010	.067	.034	.010	.064	.033	.010	
9.0	.071	.034	.010	.069	.034	.009	.067	.033	.009	.064	.032	.009	.062	.032	.009	
10.0	.068	.033	.009	.067	.032	.009	.065	.032	.009	.062	.031	.009	.060	.030	.009	

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	.119	.119	.119	.102	.102	.102	.070	.070	.070	.040	.040	.040	.013	.013	.013	
1.0	.107	.099	.091	.091	.085	.079	.062	.058	.054	.036	.034	.032	.011	.011	.010	
2.0	.096	.083	.072	.083	.071	.062	.057	.049	.043	.033	.029	.025	.010	.009	.008	
3.0	.088	.071	.057	.076	.061	.050	.052	.043	.035	.030	.025	.021	.010	.008	.007	
4.0	.081	.062	.047	.070	.053	.041	.048	.037	.029	.028	.022	.017	.009	.007	.006	
5.0	.076	.054	.039	.065	.047	.034	.045	.033	.024	.026	.019	.014	.008	.006	.005	
6.0	.071	.048	.032	.061	.042	.028	.042	.029	.020	.024	.017	.012	.008	.006	.004	
7.0	.067	.044	.027	.057	.038	.024	.040	.026	.017	.023	.016	.010	.007	.005	.003	
8.0	.063	.040	.023	.054	.034	.020	.038	.024	.014	.022	.014	.009	.007	.005	.003	
9.0	.060	.036	.020	.052	.031	.018	.036	.022	.013	.021	.013	.007	.007	.004	.002	
10.0	.057	.033	.018	.049	.029	.015	.034	.020	.011	.020	.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

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-1083C 50R  
DRIVER:PUP40A-1WMC-850 700mA  
30minutes warm-up

## UGR(Unified Glare Rating) Table

Test:U:120.03V I:0.2357A P:28.050W PF:0.9901 Freq:59.98Hz Lamp Flux:2916.2x1 lm										
NAME: 2418.120-ACOT-84-AM					TYPE:			WEIGHT:		
SPEC.: 3000K					DIM.:			SERIAL No.: 2407300970		
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	14.5	15.3	14.7	15.5	15.7	14.1	15.0	14.3	15.1	15.3
3H	14.3	15.1	14.6	15.3	15.5	13.9	14.7	14.2	14.9	15.1
4H	14.2	15.0	14.5	15.2	15.4	13.9	14.6	14.1	14.8	15.0
6H	14.2	14.8	14.4	15.1	15.3	13.8	14.5	14.1	14.7	14.9
8H	14.1	14.8	14.4	15.0	15.3	13.7	14.4	14.0	14.6	14.9
12H	14.1	14.7	14.4	15.0	15.2	13.7	14.3	14.0	14.6	14.9
4H 2H	14.2	15.0	14.5	15.2	15.4	13.9	14.6	14.1	14.8	15.0
3H	14.1	14.7	14.4	15.0	15.2	13.7	14.3	14.0	14.6	14.9
4H	14.0	14.6	14.3	14.8	15.2	13.6	14.2	13.9	14.5	14.8
6H	13.9	14.4	14.2	14.7	15.1	13.5	14.0	13.9	14.3	14.7
8H	13.8	14.3	14.2	14.6	15.0	13.4	13.9	13.8	14.3	14.6
12H	13.8	14.2	14.2	14.6	15.0	13.4	13.8	13.8	14.2	14.6
8H 4H	13.8	14.3	14.2	14.6	15.0	13.4	13.9	13.8	14.3	14.6
6H	13.7	14.1	14.1	14.5	14.9	13.3	13.7	13.8	14.1	14.5
8H	13.7	14.0	14.1	14.4	14.9	13.3	13.6	13.7	14.0	14.5
12H	13.6	13.9	14.1	14.3	14.8	13.2	13.5	13.7	13.9	14.4
12H 4H	13.8	14.2	14.2	14.6	15.0	13.4	13.8	13.8	14.2	14.6
6H	13.7	14.0	14.1	14.4	14.9	13.3	13.6	13.7	14.0	14.5
8H	13.6	13.9	14.1	14.3	14.8	13.2	13.5	13.7	13.9	14.4
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 4.2 / -26.4					+ 4.2 / -26.0				
1.5H	+ 7.0 / -24.8					+ 7.0 / -24.3				
2.0H	+ 7.8 / -10.7					+ 7.3 / - 9.5				

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-1083C 50R  
DRIVER:PUP40A-1WMC-850 700mA  
30minutes warm-up



### UTILIZATION FACTORS TABLE

Test:U:120.03V I:0.2357A P:28.050W PF:0.9901 Freq:59.98Hz Lamp Flux:2916.2x1 lm		
NAME: 2418.120-ACOT-84-AM	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407300970
MFR.: RISE	SUR.: 0.0064m2	Shielding Angle:

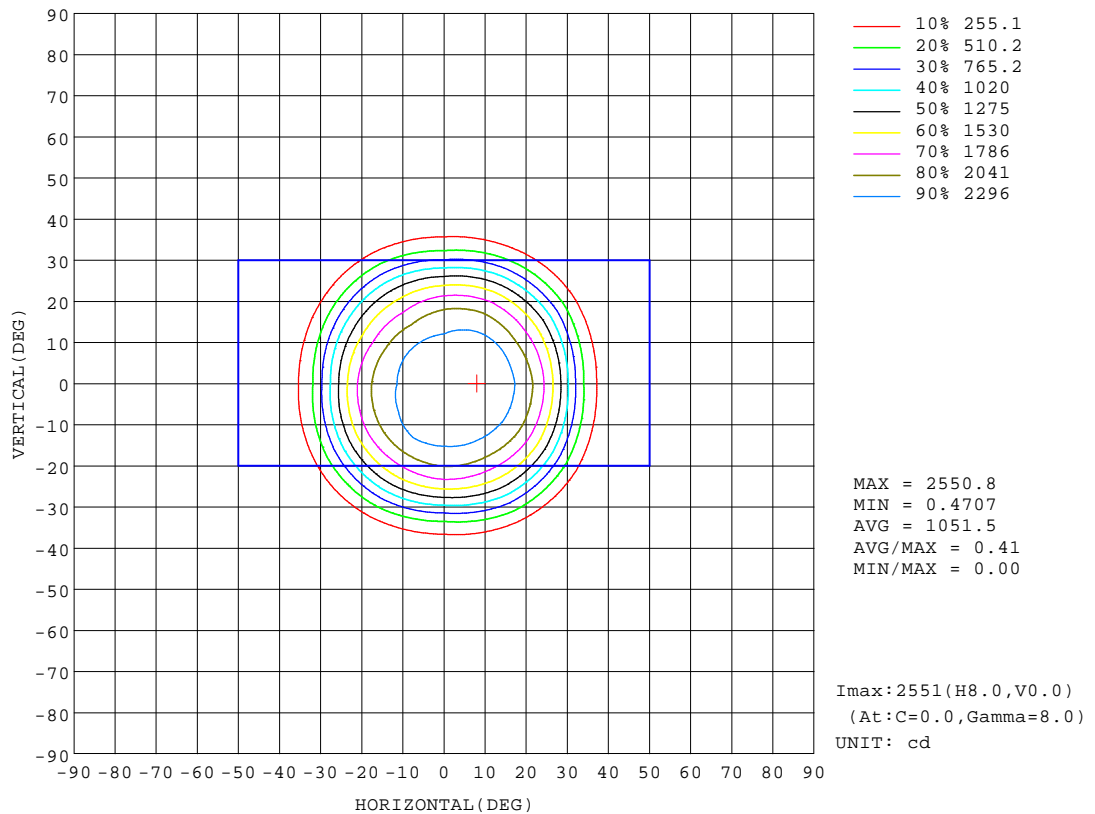
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	57	53	51	57	53	51	56	53	51	49
0.80	61	58	56	61	58	56	60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

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-1083C 50R  
DRIVER:PUP40A-1WMC-850 700mA  
30minutes warm-up

## ISOCANDELA DIAGRAM

Test:U:120.03V I:0.2357A P:28.050W PF:0.9901 Freq:59.98Hz Lamp Flux:2916.2x1 lm		
NAME: 2418.120-ACOT-84-AM	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407300970
MFR.: RISE	SUR.: 0.0064m2	Shielding Angle:

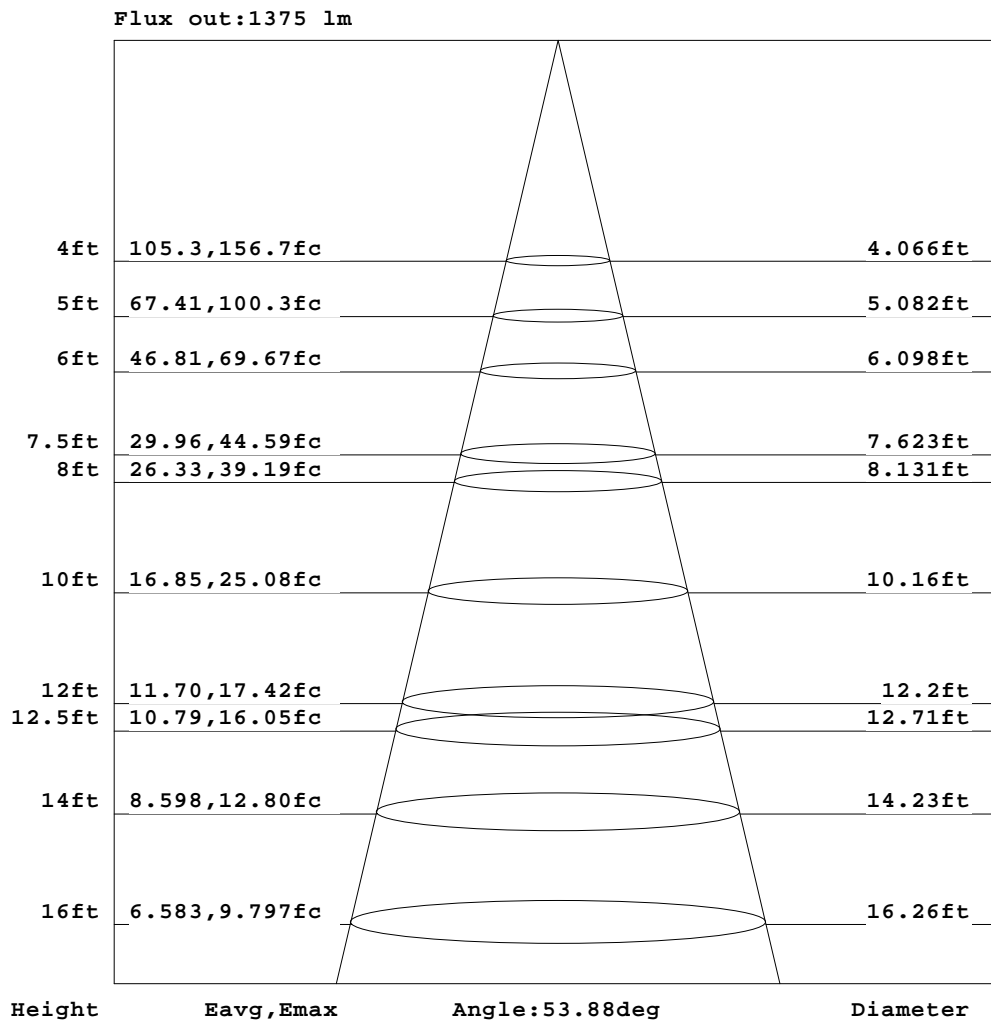


C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2024-7-30

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-1083C 50R  
DRIVER:PUP40A-1WMC-850 700mA  
30minutes warm-up

## AAI Figure

Test:U:120.03V I:0.2357A P:28.050W PF:0.9901 Freq:59.98Hz Lamp Flux:2916.2x1 lm		
NAME: 2418.120-ACOT-84-AM	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407300970
MFR.: RISE	SUR.: 0.0064m2	Shielding Angle:



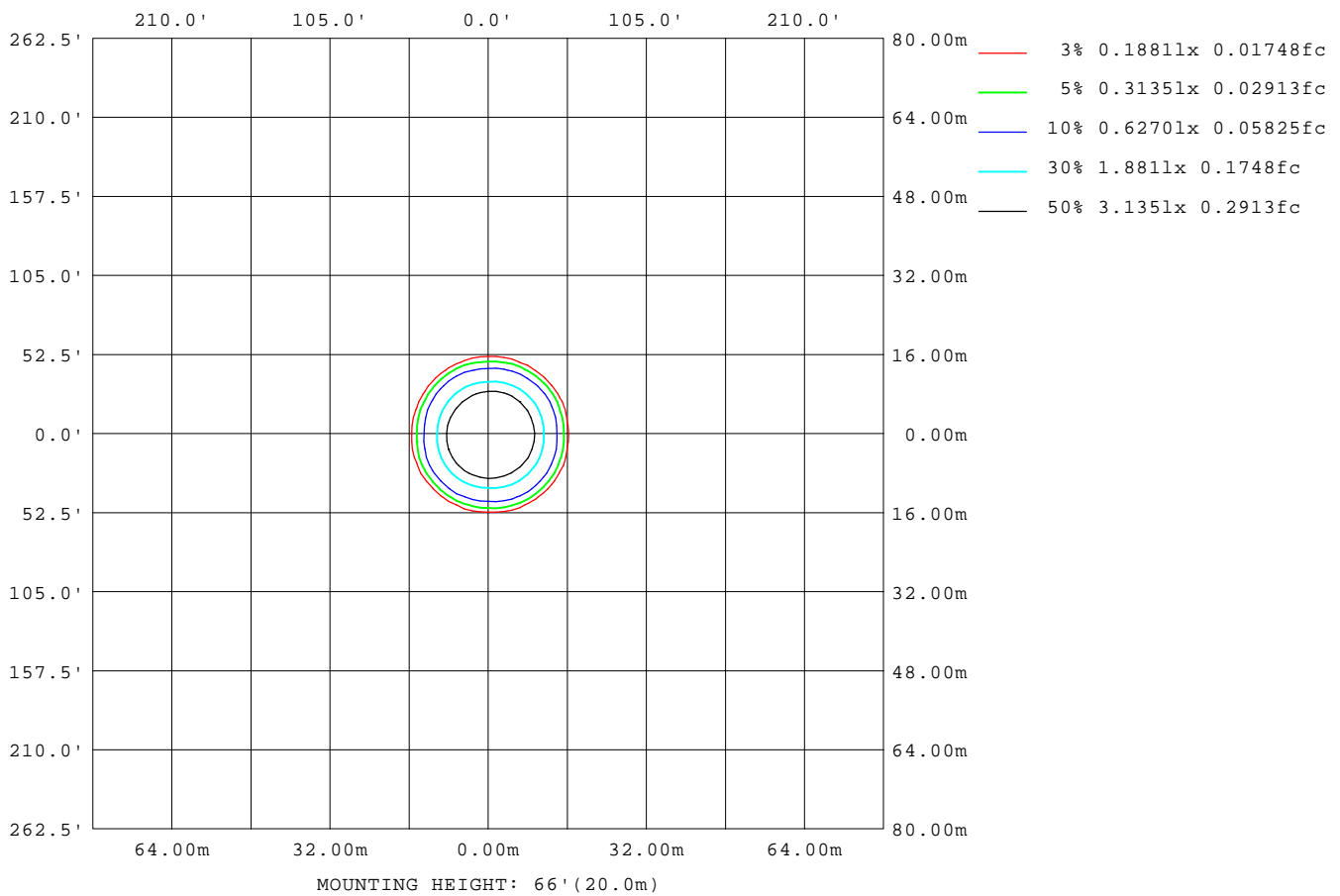
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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-1083C 50R  
DRIVER: PUP40A-1WMC-850 700mA  
30minutes warm-up

## ISOLUX DIAGRAM

Test:U:120.03V I:0.2357A P:28.050W PF:0.9901 Freq:59.98Hz Lamp Flux:2916.2x1 lm		
NAME: 2418.120-ACOT-84-AM	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407300970
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

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-1083C 50R  
DRIVER:PUP40A-1WMC-850 700mA  
30minutes warm-up

## LED Avg.L Report

Test:U:120.03V I:0.2357A P:28.050W PF:0.9901 Freq:59.98Hz Lamp Flux:2916.2x1 lm		
NAME: 2418.120-ACOT-84-AM	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407300970
MFR.: RISE	SUR.: 0.0064m2	Shielding Angle:

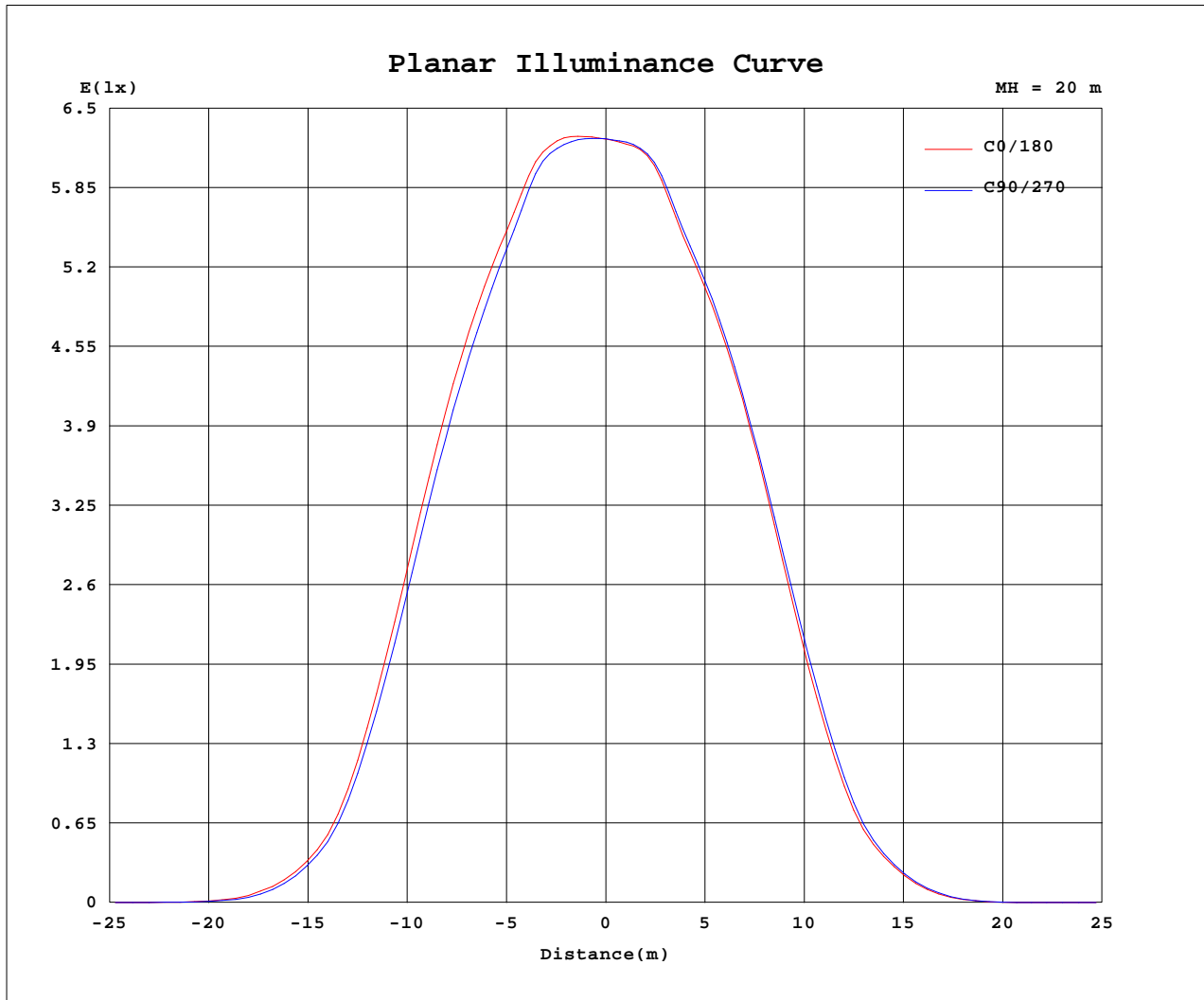
AvgL	cd/m2
L_0~180(65)av	100
L_0~180(75)av	97
L_0~180(85)av	120
L_90~270(65)av	97
L_90~270(75)av	93
L_90~270(85)av	102
L_45(65)av	91
L_45(75)av	76
L_45(85)av	74

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-1083C 50R  
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-1083C 50R  
 DRIVER: PUP40A-1WMC-850 700mA  
 30minutes warm-up



## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.03V I:0.2357A P:28.050W PF:0.9901 Freq:59.98Hz Lamp Flux:2916.2x1 lm		
NAME: 2418.120-ACOT-84-AM	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407300970
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	2499	2499	2499	2499	2499	2499	2499	2499	2499	2499	2499	2499						
5	2537	2530	2521	2519	2514	2505	2493	2480	2480	2497	2516	2530						
10	2539	2542	2518	2498	2502	2428	2349	2366	2374	2368	2470	2537						
15	2378	2380	2341	2305	2301	2210	2169	2128	2118	2192	2283	2365						
20	2153	2142	2072	2051	1988	1939	1870	1777	1775	1894	2006	2053						
25	1716	1733	1661	1604	1549	1476	1351	1331	1358	1396	1557	1649						
30	1053	1149	1117	964	955	871	724	768	801	774	945	1062						
35	405	510	499	363	380	340	274	281	302	293	366	455						
40	119	135	117	96.4	93.4	91.0	62.5	75.0	73.3	72.0	97.0	114						
45	14.8	26.8	21.5	11.7	15.8	16.9	3.66	9.54	10.6	4.52	14.8	21.1						
50	2.19	3.40	3.92	2.63	2.66	2.04	0.92	1.25	1.39	0.94	1.94	2.58						
55	0.81	0.93	0.94	0.77	0.74	0.68	0.54	0.52	0.53	0.54	0.59	0.69						
60	0.44	0.46	0.45	0.43	0.41	0.38	0.35	0.33	0.33	0.34	0.35	0.39						
65	0.28	0.28	0.28	0.29	0.26	0.25	0.26	0.23	0.22	0.24	0.23	0.25						
70	0.21	0.19	0.19	0.21	0.19	0.18	0.20	0.16	0.16	0.18	0.16	0.17						
75	0.16	0.14	0.14	0.16	0.13	0.13	0.16	0.12	0.12	0.15	0.12	0.12						
80	0.12	0.11	0.10	0.11	0.09	0.09	0.12	0.09	0.09	0.11	0.08	0.09						
85	0.08	0.06	0.06	0.06	0.04	0.04	0.05	0.04	0.04	0.05	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  
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Operators:zoe  
Test Date:2024-7-30

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