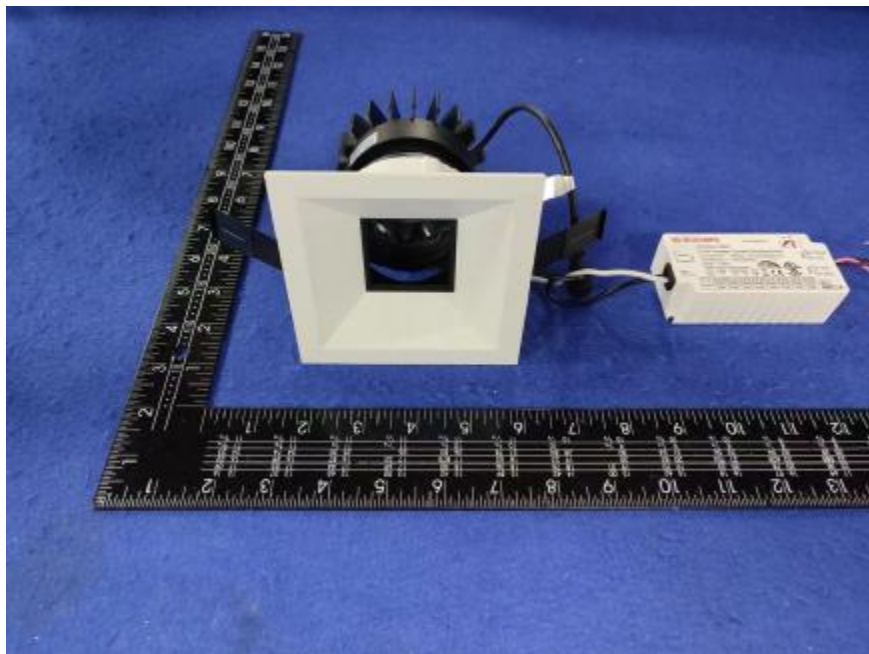


## Luminaire Photograph



Light Output Ratio:	61.9%	
Luminaire Power:	28.05 W	
SHR Nominal:	0.50	Calculated using the TM5
SHR Maximum:	0.60	fine grid method.

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3 °C  
Operators: zoe  
Test Date: 2024-7-31

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-1083A 24R  
DRIVER: PUP40A-1WMC-850 700mA  
30minutes warm-up

## LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

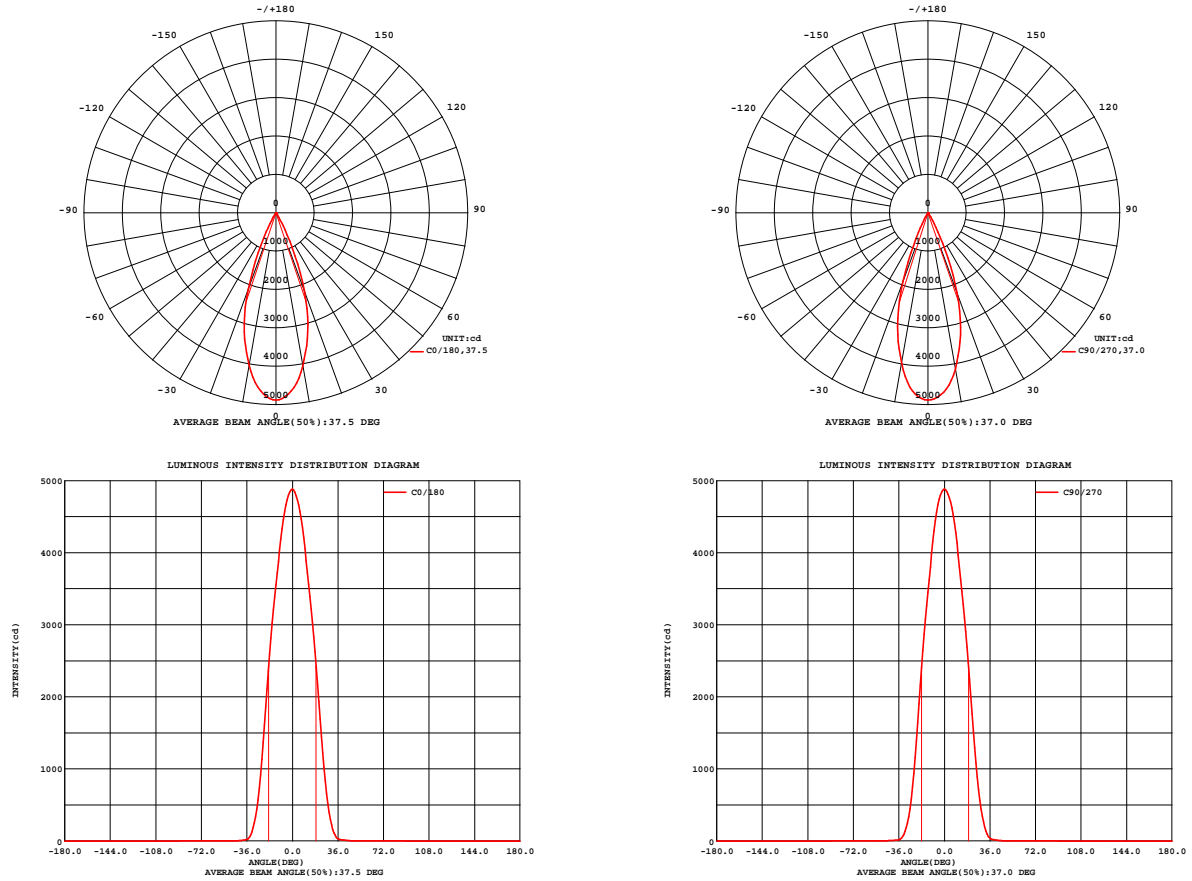


Fig. C0/C180

Fig. C90/C270

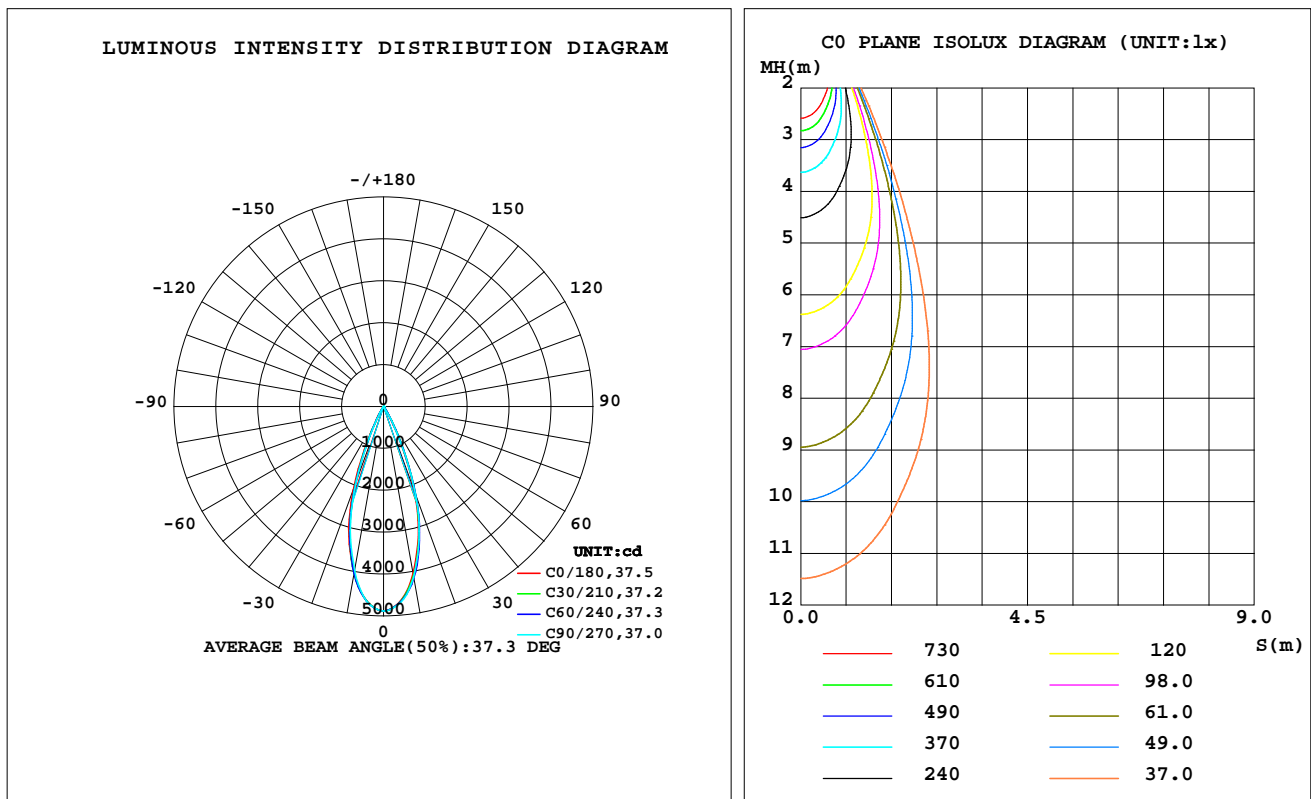
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3 °C  
Operators: zoe  
Test Date: 2024-7-31

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-1083A 24R  
DRIVER: PUP40A-1WMC-850 700mA  
30minutes warm-up

## LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.01V I:0.2357A P:28.049W PF:0.9900 Freq:59.98Hz Lamp Flux:2916.2x1 lm		
NAME: 2418.121-ACOT-84-AM	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407310972
MFR.: RISE	SUR.: 0.0064m2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 64.33 lm/W
MODEL	Bridgelux	Imax(cd)	4881	S/MH(C0/180)	0.58	
NOMINAL POWER(W)	20	LOR(%)	61.9	S/MH(C90/270)	0.56	
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1804.3	UP,DN(C0-180)	0.0,32.4	
NOMINAL FLUX(lm)	2916.2	CIE CLASS	DIRECT	UP,DN(C180-360)	0.0,29.5	
LAMPS INSIDE	1	up(%)	0.0	CIBSE SHR NOM	0.50	
TEST VOLTAGE(V)	120	down(%)	61.9	CIBSE SHR MAX	0.60	



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2024-7-31

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-1083A 24R  
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	4052	4140	4134	4114	4036	4055	3979	4046	0- 10	426.8	426.8	23.7,14.6
20	2172	2258	2235	2134	2105	1962	1901	1980	10- 20	864.6	1291	71.6,44.3
30	301.8	396.1	343.5	318.5	246.5	224.6	183.7	254.9	20- 30	451.6	1743	96.6,59.8
40	13.39	19.60	14.08	14.37	7.965	8.394	8.089	11.11	30- 40	55.78	1799	99.7,61.7
50	1.560	2.182	1.524	2.393	0.7450	0.8824	0.6458	2.037	40- 50	4.206	1803	99.9,61.8
60	0.6950	0.6853	0.4464	0.7858	0.3338	0.3380	0.2401	0.5682	50- 60	0.8510	1804	100,61.9
70	0.1036	0.0821	0.0497	0.2640	0.1351	0.0910	0.0602	0.0703	60- 70	0.2502	1804	100,61.9
80	0.0741	0.1545	0.0493	0.2334	0.0633	0.0385	0.0493	0.0402	70- 80	0.0991	1804	100,61.9
90	0	0	0	0	0	0	0	0	80- 90	0.0791	1804	100,61.9
100	0	0	0	0	0	0	0	0	90-100	0	1804	100,61.9
110	0	0	0	0	0	0	0	0	100-110	0	1804	100,61.9
120	0	0	0	0	0	0	0	0	110-120	0	1804	100,61.9
130	0	0	0	0	0	0	0	0	120-130	0	1804	100,61.9
140	0	0	0	0	0	0	0	0	130-140	0	1804	100,61.9
150	0	0	0	0	0	0	0	0	140-150	0	1804	100,61.9
160	0	0	0	0	0	0	0	0	150-160	0	1804	100,61.9
170	0	0	0	0	0	0	0	0	160-170	0	1804	100,61.9
180	0	0	0	0	0	0	0	0	170-180	0	1804	100,61.9
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2024-7-31

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-1083A 24R  
DRIVER: PUP40A-1WMC-850 700mA  
30minutes warm-up

### LUMINANCE LIMITATION CURVES

Test:U:120.01V I:0.2357A P:28.049W PF:0.9900 Freq:59.98Hz  
Lamp Flux:2916.2x1 lm

NAME: 2418.121-ACOT-84-AM

TYPE:

WEIGHT:

SPEC.: 3000K

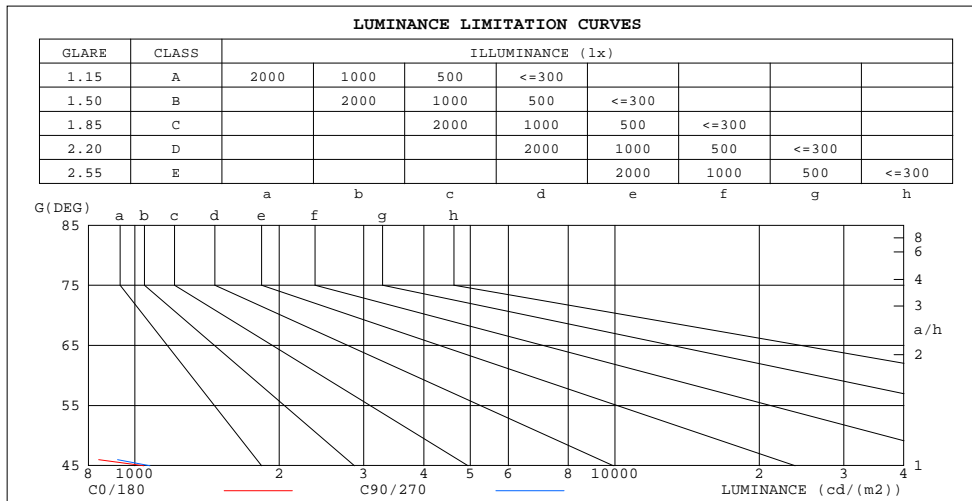
DIM.:

SERIAL No.: 2407310972

MFR.: RISE

SUR.: 0.0064m2

Shielding Angle:



LUMINANCE cd/(m2)		
G(180)	C0/180	C90/270
85	114	89
80	67	44
75	49	28
70	47	23
65	79	25
60	217	140
55	290	285
50	379	370
45	1044	1075

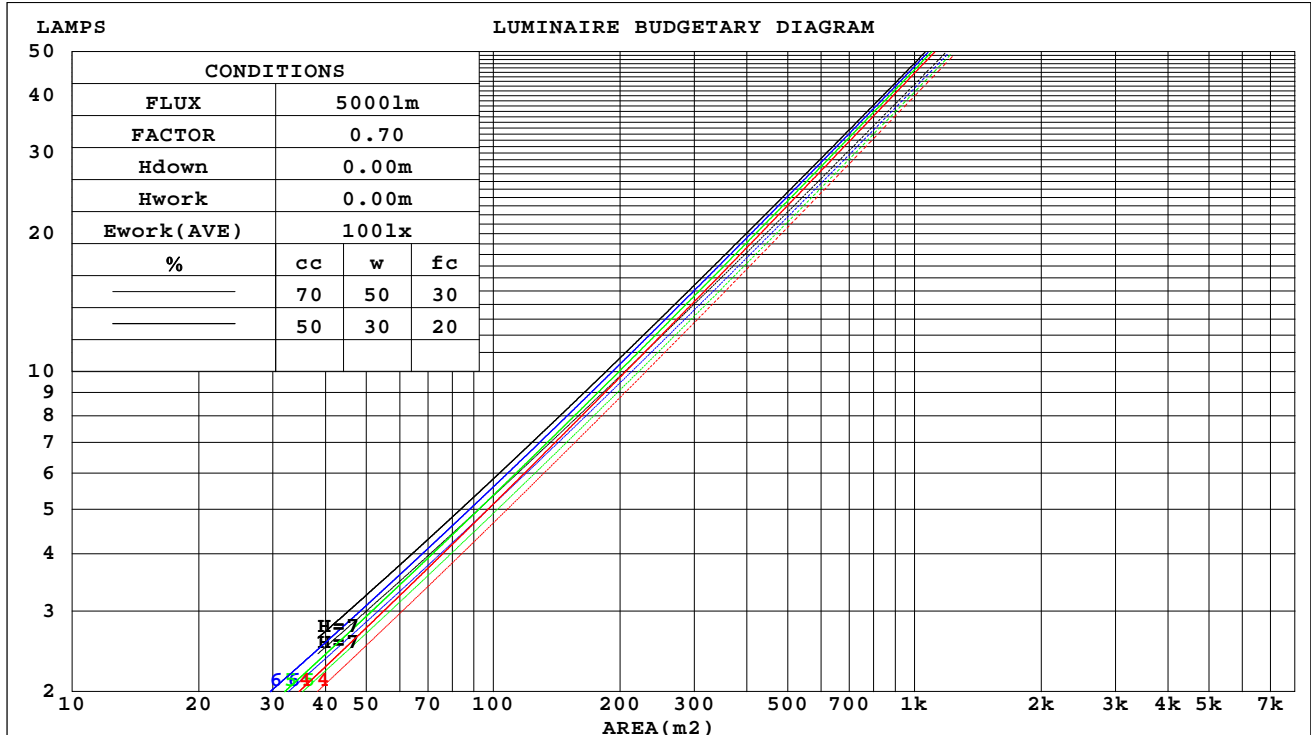
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2024-7-31

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-1083A 24R  
DRIVER: PUP40A-1WMC-850 700mA  
30minutes warm-up

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.01V I:0.2357A P:28.049W PF:0.9900 Freq:59.98Hz Lamp Flux:2916.2x1 lm		
NAME: 2418.121-ACOT-84-AM	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407310972
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	.74	.74	.74	.72	.72	.72	.69	.69	.69	.66	.66	.66	.63	.63	.63	.62
1.0	.70	.68	.67	.68	.67	.66	.66	.65	.64	.64	.63	.62	.61	.61	.60	.59
2.0	.66	.64	.62	.65	.63	.62	.63	.62	.60	.61	.60	.59	.60	.59	.58	.57
3.0	.63	.61	.59	.62	.60	.58	.61	.59	.57	.59	.58	.56	.58	.57	.56	.55
4.0	.60	.58	.56	.60	.57	.55	.58	.56	.55	.57	.55	.54	.56	.55	.53	.53
5.0	.58	.55	.53	.57	.55	.53	.56	.54	.52	.55	.53	.52	.54	.53	.51	.51
6.0	.55	.53	.51	.55	.52	.50	.54	.52	.50	.53	.51	.50	.53	.51	.49	.49
7.0	.53	.50	.48	.53	.50	.48	.52	.50	.48	.52	.49	.48	.51	.49	.48	.47
8.0	.51	.49	.47	.51	.48	.46	.50	.48	.46	.50	.48	.46	.49	.47	.46	.45
9.0	.49	.47	.45	.49	.47	.45	.49	.46	.45	.48	.46	.45	.48	.46	.44	.44
10.0	.48	.45	.43	.48	.45	.43	.47	.45	.43	.47	.45	.43	.46	.44	.43	.42



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2024-7-31

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-1083A 24R  
DRIVER: PUP40A-1WMC-850 700mA  
30minutes warm-up



## WEC AND CCEC

Test:U:120.01V I:0.2357A P:28.049W PF:0.9900 Freq:59.98Hz Lamp Flux:2916.2x1 lm		
NAME: 2418.121-ACOT-84-AM	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407310972
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	.089	.051	.016	.085	.049	.015	.078	.044	.014	.070	.041	.013	.064	.037	.012	
2.0	.083	.046	.014	.080	.044	.014	.074	.041	.013	.068	.038	.012	.062	.035	.011	
3.0	.078	.042	.012	.075	.040	.012	.070	.038	.012	.065	.036	.011	.060	.033	.010	
4.0	.074	.038	.011	.071	.037	.011	.067	.035	.011	.063	.034	.010	.059	.032	.010	
5.0	.070	.036	.010	.068	.035	.010	.064	.033	.010	.060	.032	.009	.057	.030	.009	
6.0	.066	.033	.010	.065	.033	.009	.061	.031	.009	.058	.030	.009	.055	.029	.009	
7.0	.063	.031	.009	.062	.031	.009	.059	.030	.009	.056	.029	.008	.054	.028	.008	
8.0	.061	.030	.008	.059	.029	.008	.057	.028	.008	.054	.027	.008	.052	.027	.008	
9.0	.058	.028	.008	.057	.028	.008	.055	.027	.008	.053	.026	.008	.050	.026	.007	
10.0	.056	.027	.007	.055	.027	.007	.053	.026	.007	.051	.025	.007	.049	.025	.007	

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	.118	.118	.118	.101	.101	.101	.069	.069	.069	.039	.039	.039	.013	.013	.013	
1.0	.104	.098	.091	.089	.084	.079	.061	.058	.054	.035	.033	.032	.011	.011	.010	
2.0	.094	.082	.072	.080	.071	.063	.055	.049	.044	.032	.028	.026	.010	.009	.008	
3.0	.085	.070	.059	.073	.060	.051	.050	.042	.036	.029	.025	.021	.009	.008	.007	
4.0	.077	.061	.048	.066	.052	.042	.046	.037	.029	.026	.021	.017	.008	.007	.006	
5.0	.071	.053	.040	.061	.046	.035	.042	.032	.025	.024	.019	.015	.008	.006	.005	
6.0	.066	.047	.034	.056	.041	.029	.039	.029	.021	.023	.017	.012	.007	.005	.004	
7.0	.061	.042	.029	.053	.036	.025	.036	.026	.018	.021	.015	.011	.007	.005	.003	
8.0	.057	.038	.025	.049	.033	.022	.034	.023	.015	.020	.014	.009	.006	.004	.003	
9.0	.054	.035	.021	.047	.030	.019	.032	.021	.013	.019	.012	.008	.006	.004	.003	
10.0	.051	.032	.019	.044	.028	.016	.031	.019	.012	.018	.011	.007	.006	.004	.002	

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2024-7-31

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-1083A 24R  
DRIVER: PUP40A-1WMC-850 700mA  
30minutes warm-up

## UGR(Unified Glare Rating) Table

Test:U:120.01V I:0.2357A P:28.049W PF:0.9900 Freq:59.98Hz Lamp Flux:2916.2x1 lm										
NAME: 2418.121-ACOT-84-AM					TYPE:			WEIGHT:		
SPEC.: 3000K					DIM.:			SERIAL No.: 2407310972		
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	3.9	4.6	4.1	4.8	4.9	4.4	5.1	4.6	5.3	5.4
3H	3.8	4.4	4.0	4.6	4.8	4.3	4.9	4.5	5.1	5.3
4H	3.7	4.3	4.0	4.5	4.7	4.2	4.8	4.4	5.0	5.2
6H	3.6	4.2	3.9	4.4	4.7	4.1	4.7	4.4	4.9	5.2
8H	3.6	4.1	3.9	4.4	4.6	4.0	4.6	4.3	4.9	5.1
12H	3.5	4.1	3.8	4.3	4.6	4.0	4.5	4.3	4.8	5.1
4H 2H	3.7	4.3	4.0	4.5	4.7	4.2	4.8	4.4	5.0	5.2
3H	3.5	4.1	3.8	4.3	4.6	4.0	4.5	4.3	4.8	5.1
4H	3.4	3.9	3.8	4.2	4.5	3.9	4.4	4.2	4.7	5.0
6H	3.3	3.8	3.7	4.1	4.4	3.8	4.2	4.2	4.6	4.9
8H	3.3	3.7	3.7	4.0	4.4	3.8	4.2	4.1	4.5	4.9
12H	3.2	3.6	3.6	4.0	4.4	3.7	4.1	4.1	4.4	4.8
8H 4H	3.3	3.7	3.7	4.0	4.4	3.8	4.2	4.1	4.5	4.9
6H	3.2	3.5	3.6	3.9	4.3	3.6	4.0	4.1	4.4	4.8
8H	3.1	3.4	3.5	3.8	4.3	3.6	3.9	4.0	4.3	4.7
12H	3.0	3.3	3.5	3.7	4.2	3.5	3.8	4.0	4.2	4.7
12H 4H	3.2	3.6	3.6	4.0	4.4	3.7	4.1	4.1	4.4	4.8
6H	3.1	3.4	3.5	3.8	4.3	3.6	3.9	4.0	4.3	4.7
8H	3.0	3.3	3.5	3.7	4.2	3.5	3.8	4.0	4.2	4.7
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 3.1 / -11.7					+ 3.0 / -12.7				
1.5H	+ 5.6 / -10.6					+ 5.5 / -10.5				
2.0H	+ 5.5 / - 4.9					+ 6.0 / - 8.5				

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:2024-7-31

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-1083A 24R  
DRIVER: PUP40A-1WMC-850 700mA  
30minutes warm-up



### UTILIZATION FACTORS TABLE

Test:U:120.01V I:0.2357A P:28.049W PF:0.9900 Freq:59.98Hz Lamp Flux:2916.2x1 lm		
NAME: 2418.121-ACOT-84-AM	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407310972
MFR.: RISE	SUR.: 0.0064m2	Shielding Angle:

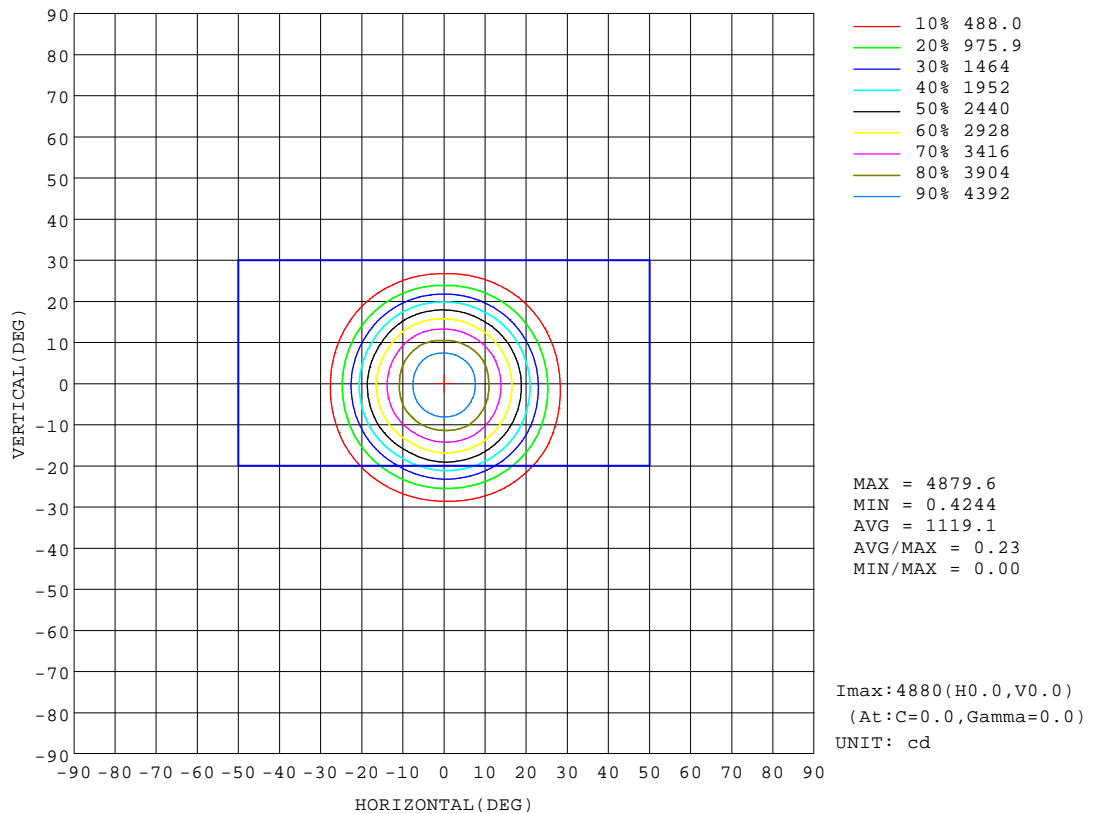
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	57	53	51	56	53	51	56	53	51	49
0.80	61	58	56	60	57	56	60	57	55	53
1.00	63	60	58	63	60	58	62	60	58	55
1.25	65	62	61	65	62	60	63	61	60	57
1.50	67	64	62	66	64	62	65	63	61	59
2.00	68	66	64	67	65	63	66	64	63	60
2.50	69	67	65	68	66	65	66	65	63	60
3.00	70	68	66	69	67	66	67	65	64	61
4.00	71	69	68	70	68	67	67	66	66	61
5.00	72	70	69	70	69	68	68	67	67	62
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:2024-7-31

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-1083A 24R  
DRIVER: PUP40A-1WMC-850 700mA  
30minutes warm-up

## ISOCANDELA DIAGRAM

Test:U:120.01V I:0.2357A P:28.049W PF:0.9900 Freq:59.98Hz Lamp Flux:2916.2x1 lm		
NAME: 2418.121-ACOT-84-AM	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407310972
MFR.: RISE	SUR.: 0.0064m2	Shielding Angle:

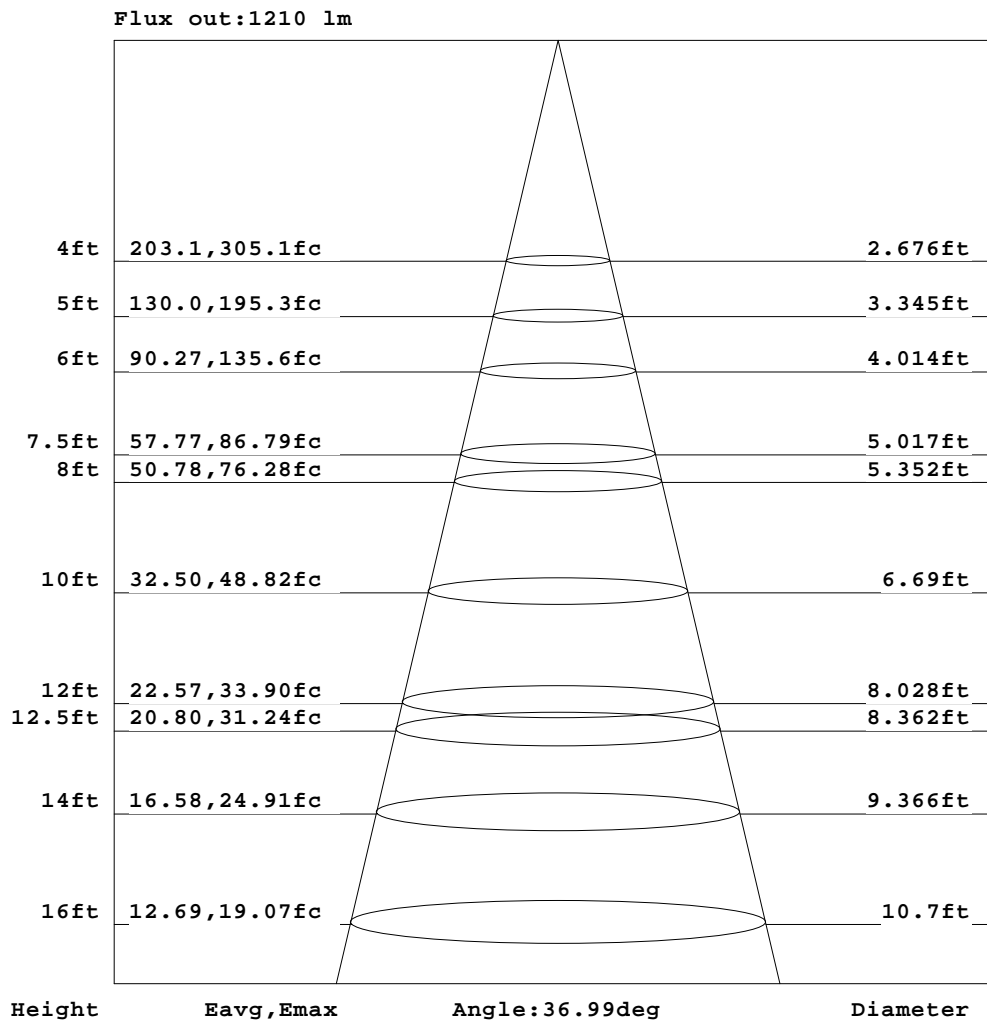


C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2024-7-31

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-1083A 24R  
DRIVER: PUP40A-1WMC-850 700mA  
30minutes warm-up

## AAI Figure

Test:U:120.01V I:0.2357A P:28.049W PF:0.9900 Freq:59.98Hz Lamp Flux:2916.2x1 lm		
NAME: 2418.121-ACOT-84-AM	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407310972
MFR.: RISE	SUR.: 0.0064m2	Shielding Angle:



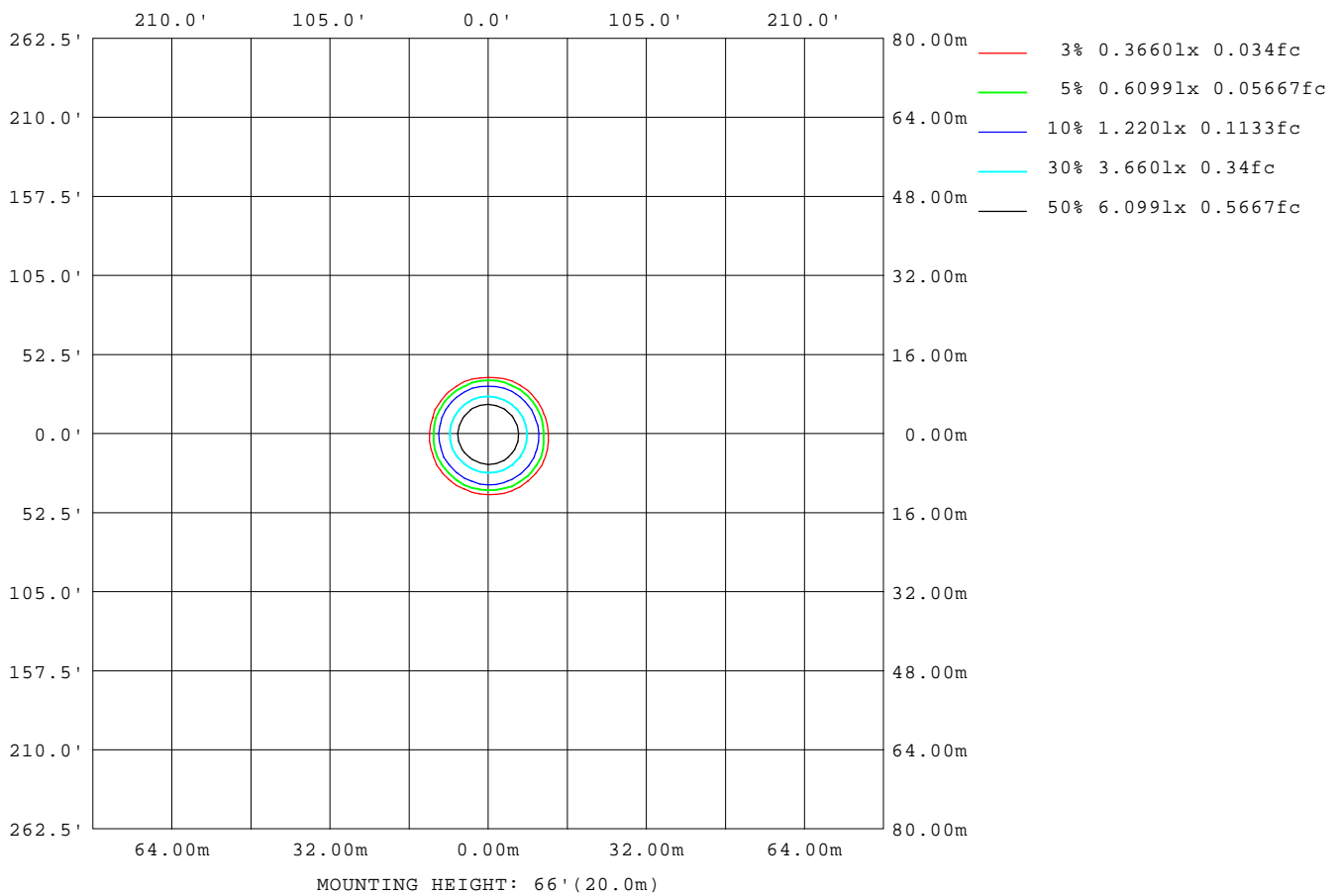
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators: zoe  
Test Date: 2024-7-31

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-1083A 24R  
DRIVER: PUP40A-1WMC-850 700mA  
30minutes warm-up

## ISOLUX DIAGRAM

Test:U:120.01V I:0.2357A P:28.049W PF:0.9900 Freq:59.98Hz Lamp Flux:2916.2x1 lm		
NAME: 2418.121-ACOT-84-AM	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407310972
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:2024-7-31

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-1083A 24R  
DRIVER: PUP40A-1WMC-850 700mA  
30minutes warm-up

### LED Avg.L Report

Test:U:120.01V I:0.2357A P:28.049W PF:0.9900 Freq:59.98Hz Lamp Flux:2916.2x1 lm		
NAME: 2418.121-ACOT-84-AM	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407310972
MFR.: RISE	SUR.: 0.0064m2	Shielding Angle:

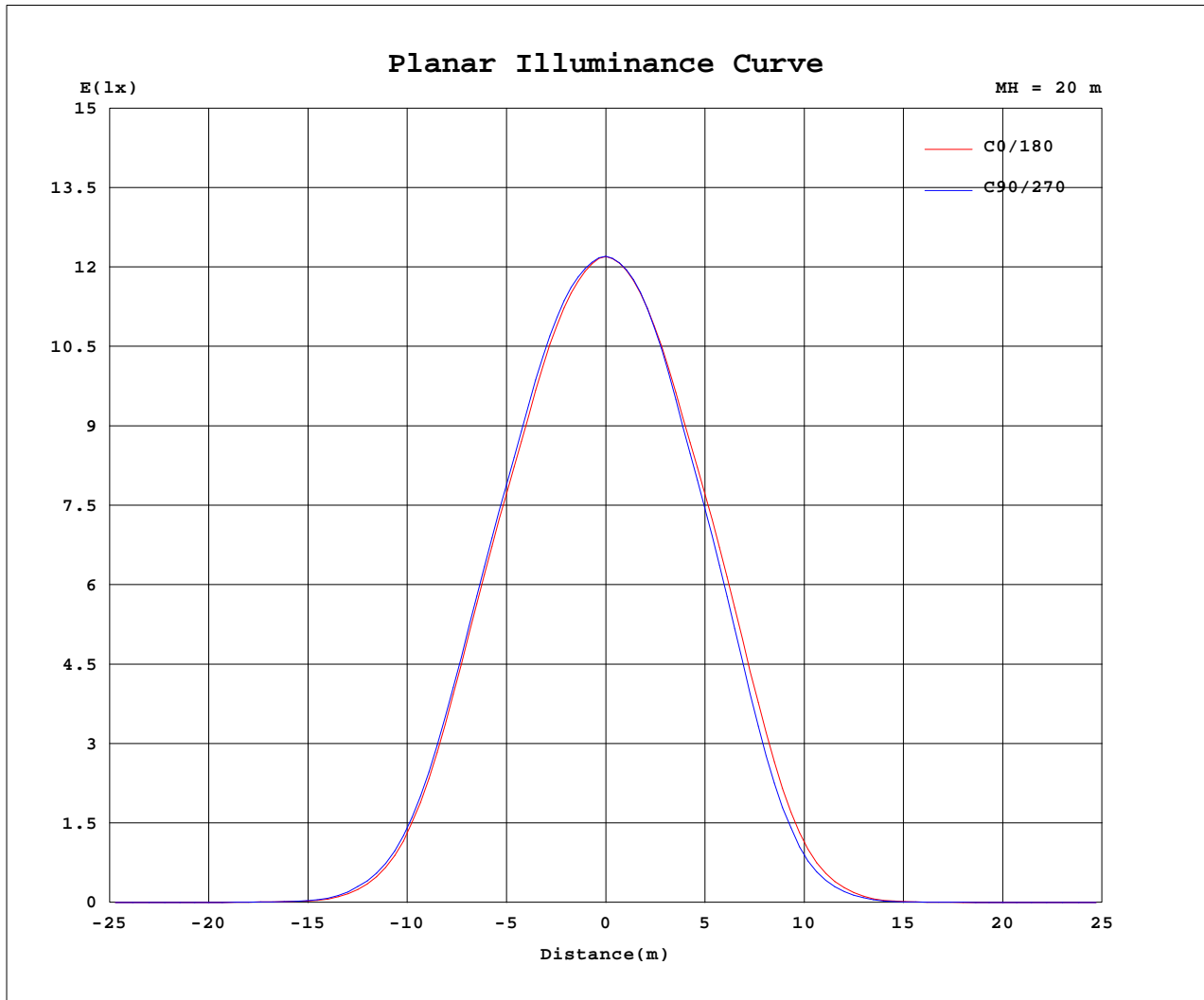
AvgL	cd/m2
L_0~180(65)av	87
L_0~180(75)av	45
L_0~180(85)av	107
L_90~270(65)av	42
L_90~270(75)av	31
L_90~270(85)av	81
L_45(65)av	91
L_45(75)av	68
L_45(85)av	154

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2024-7-31

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-1083A 24R  
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: 2024-7-31

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-1083A 24R  
 DRIVER: PUP40A-1WMC-850 700mA  
 30minutes warm-up



## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.01V I:0.2357A P:28.049W PF:0.9900 Freq:59.98Hz Lamp Flux:2916.2x1 lm		
NAME: 2418.121-ACOT-84-AM	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407310972
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	4881	4881	4881	4881	4881	4881	4881	4881	4881	4881	4881	4881						
5	4658	4668	4681	4699	4681	4668	4658	4654	4666	4663	4658	4658						
10	4052	4112	4168	4134	4123	4104	4036	4058	4052	3979	4024	4068						
15	3217	3265	3319	3288	3222	3240	3211	3137	3135	3073	3076	3148						
20	2172	2247	2268	2235	2120	2147	2105	1971	1952	1901	1922	2038						
25	1016	1137	1127	1080	1009	980	918	847	778	761	811	894						
30	302	397	395	343	331	307	247	234	215	184	240	270						
35	47.1	111	109	62.0	90.6	79.0	30.3	58.8	47.4	23.1	59.1	69.3						
40	13.4	20.7	18.6	14.1	15.6	13.1	7.96	8.95	7.84	8.09	10.5	11.7						
45	4.73	6.93	6.78	4.86	6.37	5.48	2.92	3.12	3.67	4.12	5.61	5.39						
50	1.56	2.52	1.85	1.52	2.35	2.44	0.74	1.19	0.58	0.65	1.57	2.51						
55	1.07	1.12	1.08	1.05	1.48	1.21	0.52	0.40	0.39	0.49	0.98	1.29						
60	0.69	0.79	0.58	0.45	0.77	0.80	0.33	0.36	0.32	0.24	0.32	0.82						
65	0.21	0.32	0.10	0.07	0.29	0.33	0.26	0.28	0.19	0.16	0.12	0.26						
70	0.10	0.08	0.09	0.05	0.25	0.27	0.14	0.13	0.06	0.06	0.06	0.09						
75	0.08	0.06	0.11	0.05	0.24	0.24	0.07	0.05	0.05	0.05	0.04	0.06						
80	0.07	0.05	0.26	0.05	0.23	0.23	0.06	0.04	0.04	0.05	0.03	0.05						
85	0.06	0.05	0.04	0.05	0.23	0.22	0.06	0.03	0.03	0.04	0.02	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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