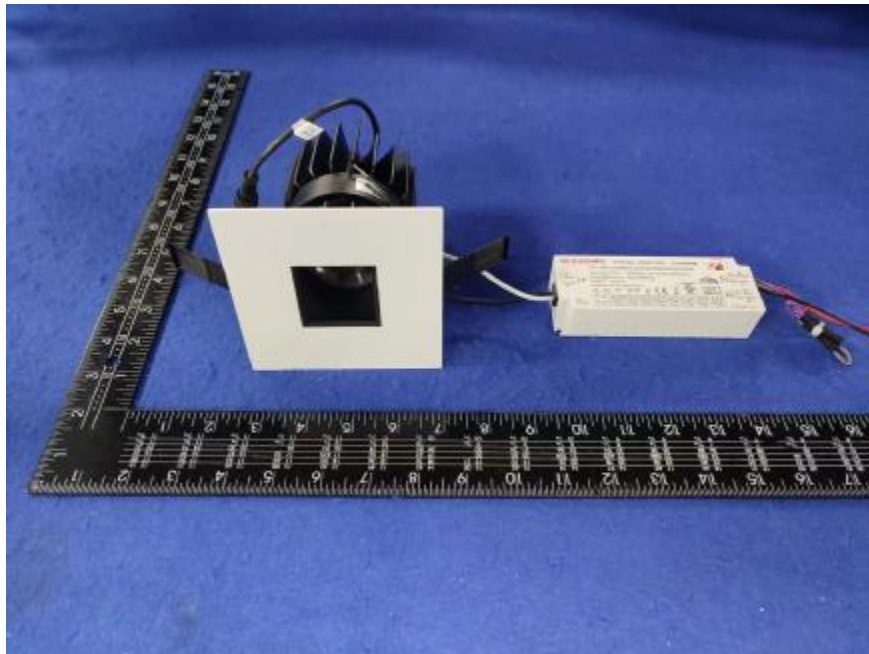


## Luminaire Photograph



Light Output Ratio:	62.4%	
Luminaire Power:	28.02 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: 2024-7-30

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

## LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

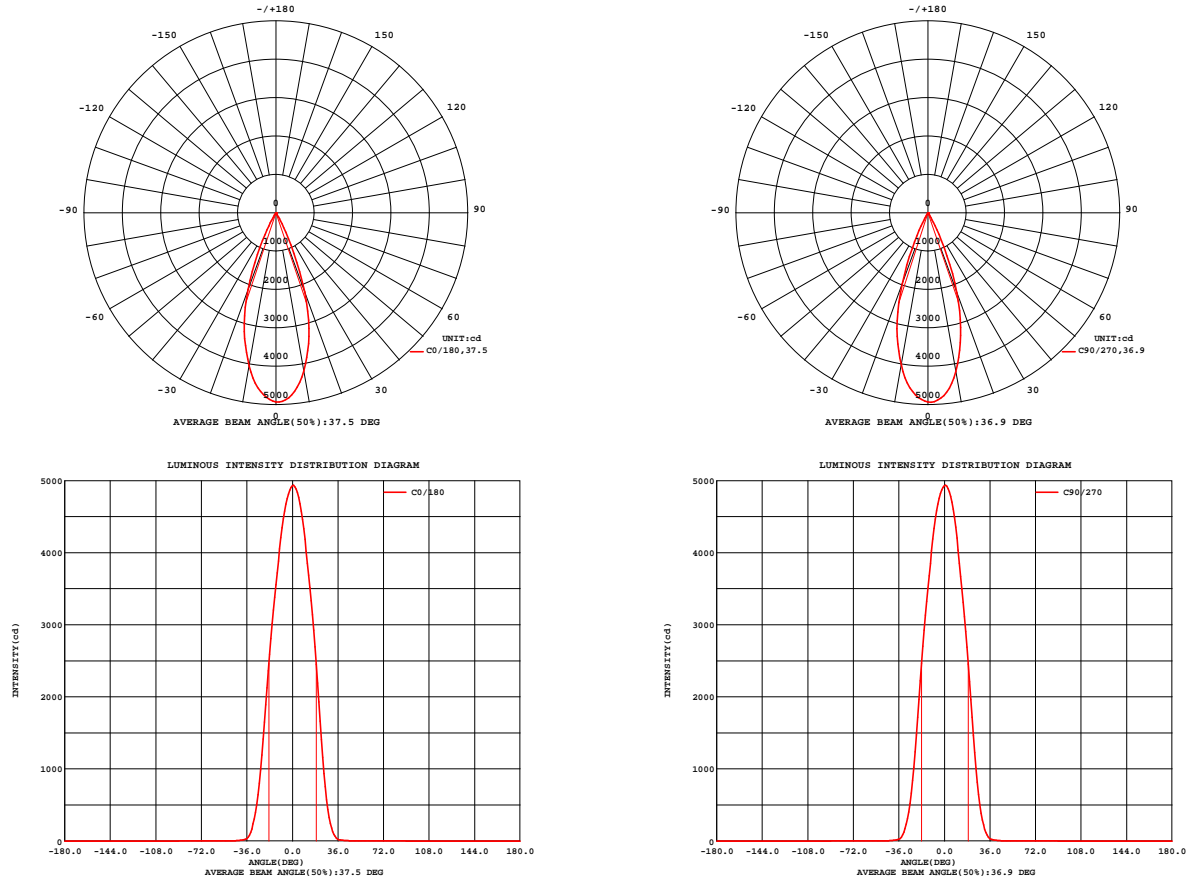


Fig. C0/C180

Fig. C90/C270

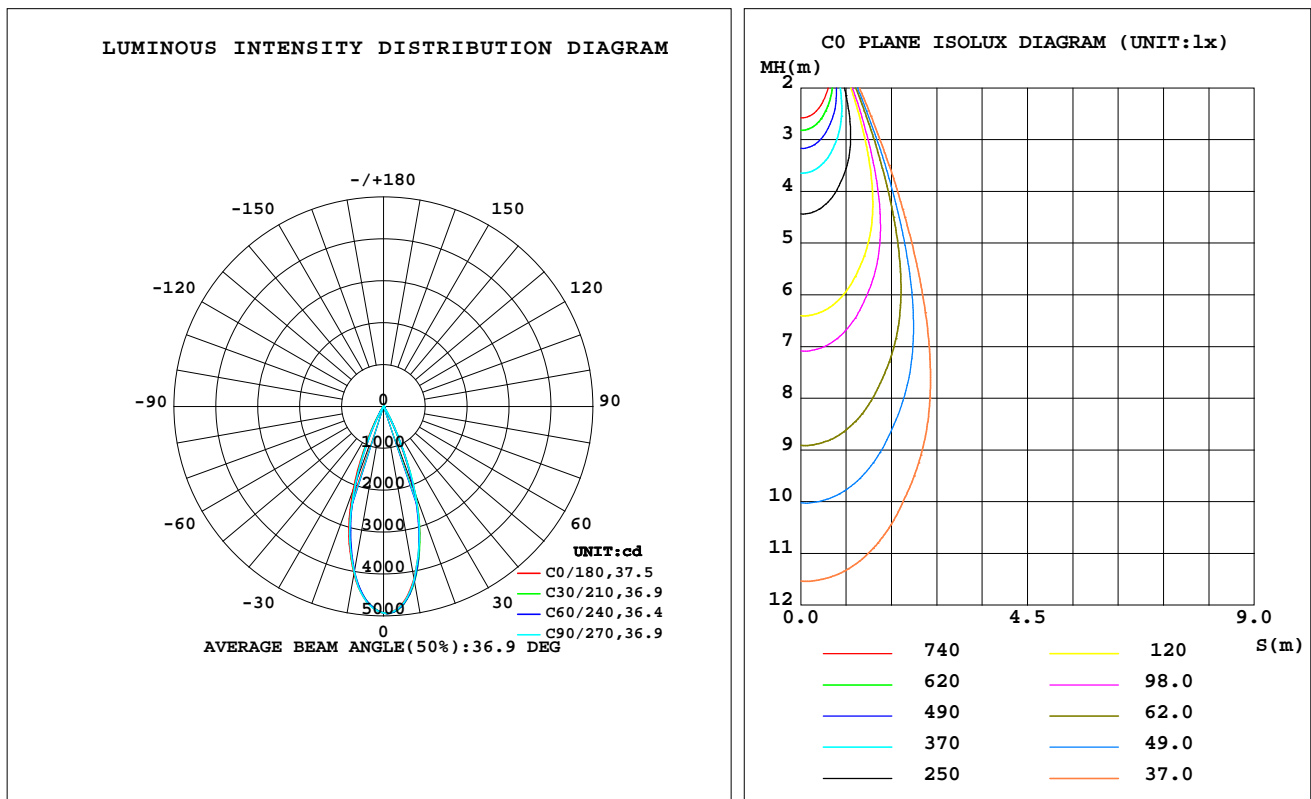
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3 °C  
Operators: zoe  
Test Date: 2024-7-30

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

## LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.02V I:0.2355A P:28.018W PF:0.9901 Freq:59.98Hz Lamp Flux:2916.2x1 lm		
NAME: 2418.120-ACOT-84-AM	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407300968
MFR.: RISE	SUR.: 0.0064m2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 64.93 lm/W			
MODEL	Bridgelux	I <sub>max</sub> (cd)	4942	S/MH(C0/180)	0.58
NOMINAL POWER(W)	28	LOR(%)	62.4	S/MH(C90/270)	0.57
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1819.2	η UP,DN(C0-180)	0.0,32.0
NOMINAL FLUX(lm)	2916.2	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,30.4
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	120	η down(%)	62.4	CIBSE SHR MAX	0.60



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

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

## ZONAL FLUX DIAGRAM

### ZONAL FLUX DIAGRAM:

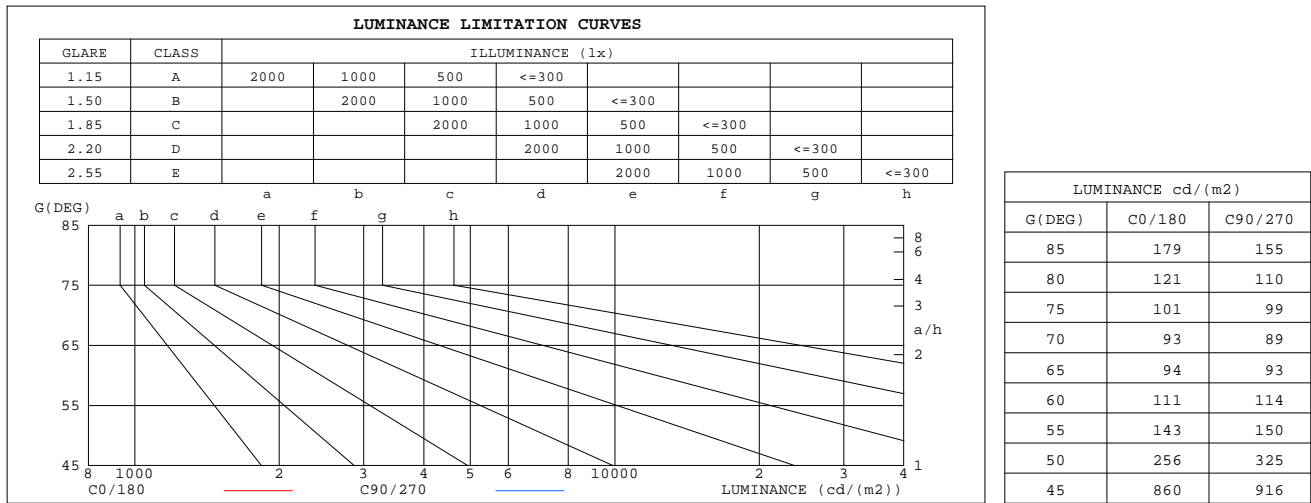
$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum,lamp
10	4184	4245	4202	4135	4050	4018	4024	4137	0- 10	431.7	431.7	23.7,14.8
20	2193	2184	2210	2171	2123	1951	1967	2078	10- 20	873.6	1305	71.8,44.8
30	244.1	282.6	292.0	340.8	303.5	283.2	231.7	270.4	20- 30	452.5	1758	96.6,60.3
40	9.810	13.84	11.84	15.13	13.00	12.92	9.772	10.34	30- 40	56.18	1814	99.7,62.2
50	1.057	2.622	1.339	1.604	1.009	1.594	1.034	1.651	40- 50	4.076	1818	99.9,62.3
60	0.3549	0.3362	0.3646	0.3695	0.3745	0.3512	0.3440	0.3254	50- 60	0.6085	1819	100,62.4
70	0.2029	0.1546	0.1940	0.1666	0.1912	0.1633	0.1806	0.1556	60- 70	0.2414	1819	100,62.4
80	0.1349	0.0841	0.1225	0.0854	0.1226	0.0823	0.1012	0.0785	70- 80	0.1390	1819	100,62.4
90	0	0	0	0	0	0	0	0	80- 90	0.0584	1819	100,62.4
100	0	0	0	0	0	0	0	0	90-100	0	1819	100,62.4
110	0	0	0	0	0	0	0	0	100-110	0	1819	100,62.4
120	0	0	0	0	0	0	0	0	110-120	0	1819	100,62.4
130	0	0	0	0	0	0	0	0	120-130	0	1819	100,62.4
140	0	0	0	0	0	0	0	0	130-140	0	1819	100,62.4
150	0	0	0	0	0	0	0	0	140-150	0	1819	100,62.4
160	0	0	0	0	0	0	0	0	150-160	0	1819	100,62.4
170	0	0	0	0	0	0	0	0	160-170	0	1819	100,62.4
180	0	0	0	0	0	0	0	0	170-180	0	1819	100,62.4
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

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:120.02V I:0.2355A P:28.018W PF:0.9901 Freq:59.98Hz Lamp Flux:2916.2x1 lm		
NAME: 2418.120-ACOT-84-AM	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407300968
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-1083A 24R  
DRIVER:PUP40A-1WMC-850 700mA  
30minutes warm-up

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.02V I:0.2355A P:28.018W PF:0.9901 Freq:59.98Hz  
Lamp Flux:2916.2x1 lm

NAME: 2418.120-ACOT-84-AM

TYPE:

WEIGHT:

SPEC.: 3000K

DIM.:

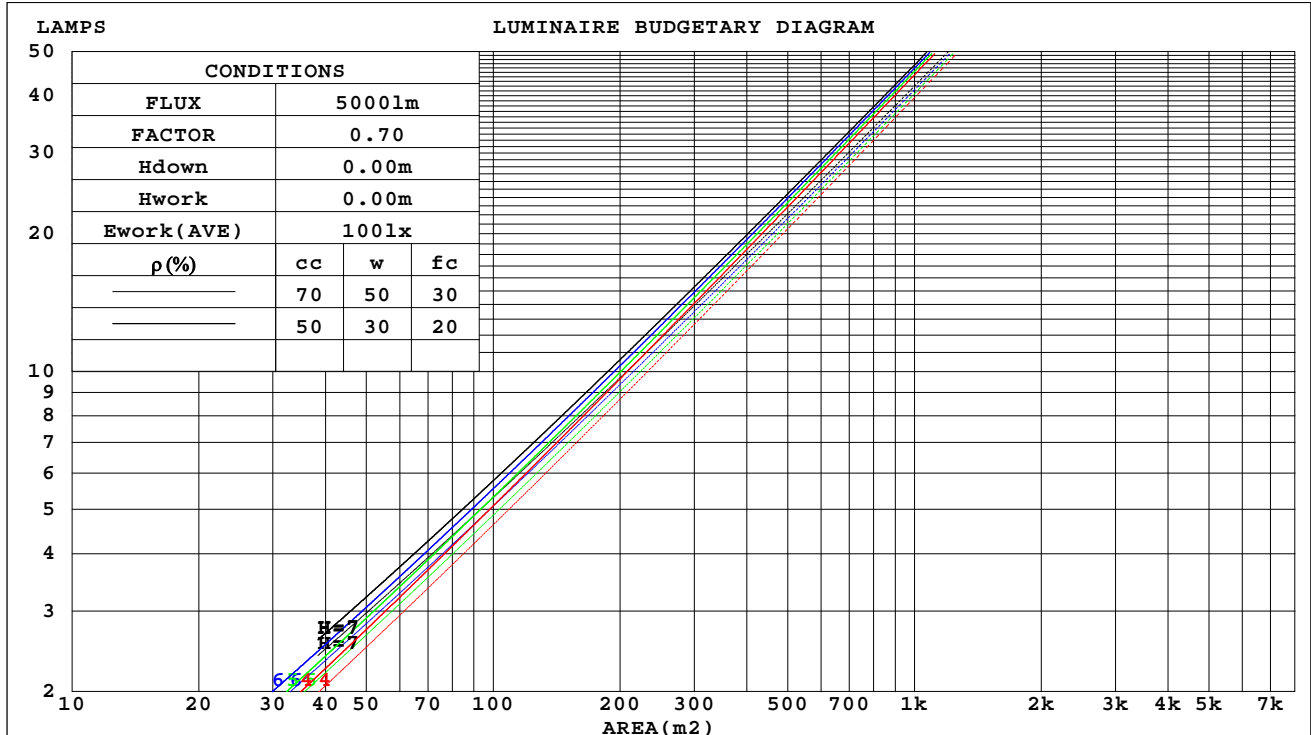
SERIAL No.: 2407300968

MFR.: RISE

SUR.: 0.0064m2

Shielding Angle:

$\rho_{cc}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	.74	.74	.74	.73	.73	.73	.69	.69	.69	.66	.66	.66	.64	.64	.64	.62
1.0	.70	.69	.68	.69	.68	.67	.66	.65	.65	.64	.63	.63	.62	.61	.61	.60
2.0	.67	.65	.63	.66	.64	.62	.64	.62	.61	.62	.61	.60	.60	.59	.58	.58
3.0	.64	.61	.59	.63	.61	.59	.61	.59	.58	.60	.58	.57	.58	.57	.56	.55
4.0	.61	.58	.56	.60	.58	.56	.59	.57	.55	.58	.56	.54	.57	.55	.54	.53
5.0	.58	.55	.53	.58	.55	.53	.57	.54	.53	.56	.54	.52	.55	.53	.52	.51
6.0	.56	.53	.51	.55	.53	.51	.55	.52	.51	.54	.52	.50	.53	.51	.50	.49
7.0	.54	.51	.49	.53	.51	.49	.53	.50	.49	.52	.50	.48	.51	.50	.48	.47
8.0	.52	.49	.47	.51	.49	.47	.51	.48	.47	.50	.48	.47	.50	.48	.46	.46
9.0	.50	.47	.45	.50	.47	.45	.49	.47	.45	.49	.46	.45	.48	.46	.45	.44
10.0	.48	.45	.44	.48	.45	.44	.48	.45	.43	.47	.45	.43	.47	.45	.43	.43



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

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:120.02V I:0.2355A P:28.018W PF:0.9901 Freq:59.98Hz Lamp Flux:2916.2x1 lm		
NAME: 2418.120-ACOT-84-AM	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407300968
MFR.: RISE	SUR.: 0.0064m2	Shielding Angle:

$\rho_{cc}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.090	.051	.016	.086	.049	.016	.078	.045	.014	.071	.041	.013	.064	.037	.012	
2.0	.084	.046	.014	.080	.044	.014	.074	.041	.013	.068	.038	.012	.063	.035	.011	
3.0	.079	.042	.013	.076	.041	.012	.070	.038	.012	.065	.036	.011	.061	.034	.010	
4.0	.074	.039	.011	.072	.038	.011	.067	.036	.011	.063	.034	.010	.059	.032	.010	
5.0	.070	.036	.010	.068	.035	.010	.064	.033	.010	.061	.032	.010	.057	.031	.009	
6.0	.067	.033	.010	.065	.033	.009	.062	.032	.009	.059	.030	.009	.056	.029	.009	
7.0	.064	.032	.009	.062	.031	.009	.059	.030	.009	.056	.029	.008	.054	.028	.008	
8.0	.061	.030	.008	.060	.029	.008	.057	.029	.008	.055	.028	.008	.052	.027	.008	
9.0	.059	.028	.008	.057	.028	.008	.055	.027	.008	.053	.027	.008	.051	.026	.007	
10.0	.056	.027	.007	.055	.027	.007	.053	.026	.007	.051	.025	.007	.049	.025	.007	

$\rho_{cc}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio			Ceiling Cavity Exitance Coefficients(CCEC)												
0.0	.119	.119	.119	.102	.102	.102	.069	.069	.069	.040	.040	.040	.013	.013	.013	
1.0	.105	.098	.092	.090	.084	.079	.062	.058	.055	.035	.034	.032	.011	.011	.010	
2.0	.094	.083	.073	.081	.071	.063	.055	.049	.044	.032	.029	.026	.010	.009	.008	
3.0	.085	.071	.059	.073	.061	.051	.050	.042	.036	.029	.025	.021	.009	.008	.007	
4.0	.078	.061	.048	.067	.053	.042	.046	.037	.030	.027	.022	.018	.009	.007	.006	
5.0	.072	.054	.040	.061	.046	.035	.042	.032	.025	.025	.019	.015	.008	.006	.005	
6.0	.066	.047	.034	.057	.041	.030	.039	.029	.021	.023	.017	.012	.007	.006	.004	
7.0	.062	.042	.029	.053	.037	.025	.037	.026	.018	.021	.015	.011	.007	.005	.004	
8.0	.058	.038	.025	.050	.033	.022	.034	.023	.015	.020	.014	.009	.006	.005	.003	
9.0	.054	.035	.022	.047	.030	.019	.033	.021	.013	.019	.013	.008	.006	.004	.003	
10.0	.052	.032	.019	.044	.028	.017	.031	.020	.012	.018	.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

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:120.02V I:0.2355A P:28.018W PF:0.9901 Freq:59.98Hz Lamp Flux:2916.2x1 lm										
NAME: 2418.120-ACOT-84-AM					TYPE:			WEIGHT:		
SPEC.: 3000K					DIM.:			SERIAL No.: 2407300968		
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	1.5	2.2	1.7	2.3	2.5	2.5	3.2	2.7	3.4	3.5
3H	1.3	2.0	1.6	2.2	2.4	2.4	3.0	2.6	3.2	3.4
4H	1.2	1.9	1.5	2.1	2.3	2.3	2.9	2.6	3.1	3.3
6H	1.2	1.7	1.4	2.0	2.2	2.2	2.8	2.5	3.0	3.3
8H	1.1	1.7	1.4	1.9	2.2	2.2	2.7	2.5	3.0	3.2
12H	1.1	1.6	1.4	1.9	2.1	2.1	2.7	2.4	2.9	3.2
4H 2H	1.2	1.9	1.5	2.1	2.3	2.3	2.9	2.6	3.1	3.3
3H	1.1	1.6	1.4	1.9	2.1	2.1	2.7	2.4	2.9	3.2
4H	1.0	1.5	1.3	1.8	2.1	2.0	2.5	2.4	2.8	3.1
6H	0.9	1.3	1.2	1.6	2.0	1.9	2.4	2.3	2.7	3.0
8H	0.8	1.2	1.2	1.6	1.9	1.9	2.3	2.3	2.6	3.0
12H	0.8	1.2	1.2	1.5	1.9	1.8	2.2	2.2	2.6	3.0
8H 4H	0.8	1.2	1.2	1.6	1.9	1.9	2.3	2.3	2.6	3.0
6H	0.7	1.1	1.1	1.4	1.9	1.8	2.1	2.2	2.5	2.9
8H	0.7	1.0	1.1	1.4	1.8	1.7	2.0	2.2	2.4	2.9
12H	0.6	0.9	1.1	1.3	1.8	1.6	1.9	2.1	2.3	2.8
12H 4H	0.8	1.1	1.2	1.5	1.9	1.8	2.2	2.2	2.6	2.9
6H	0.7	1.0	1.1	1.4	1.8	1.7	2.0	2.2	2.4	2.9
8H	0.6	0.9	1.1	1.3	1.8	1.6	1.9	2.1	2.3	2.8
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 3.3 / -11.1					+ 3.0 / -12.2				
1.5H	+ 5.6 / -10.7					+ 5.3 / -11.9				
2.0H	+ 5.9 / - 4.5					+ 5.9 / - 6.0				

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



### UTILIZATION FACTORS TABLE

Test:U:120.02V I:0.2355A P:28.018W PF:0.9901 Freq:59.98Hz Lamp Flux:2916.2x1 lm		
NAME: 2418.120-ACOT-84-AM	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407300968
MFR.: RISE	SUR.: 0.0064m2	Shielding Angle:

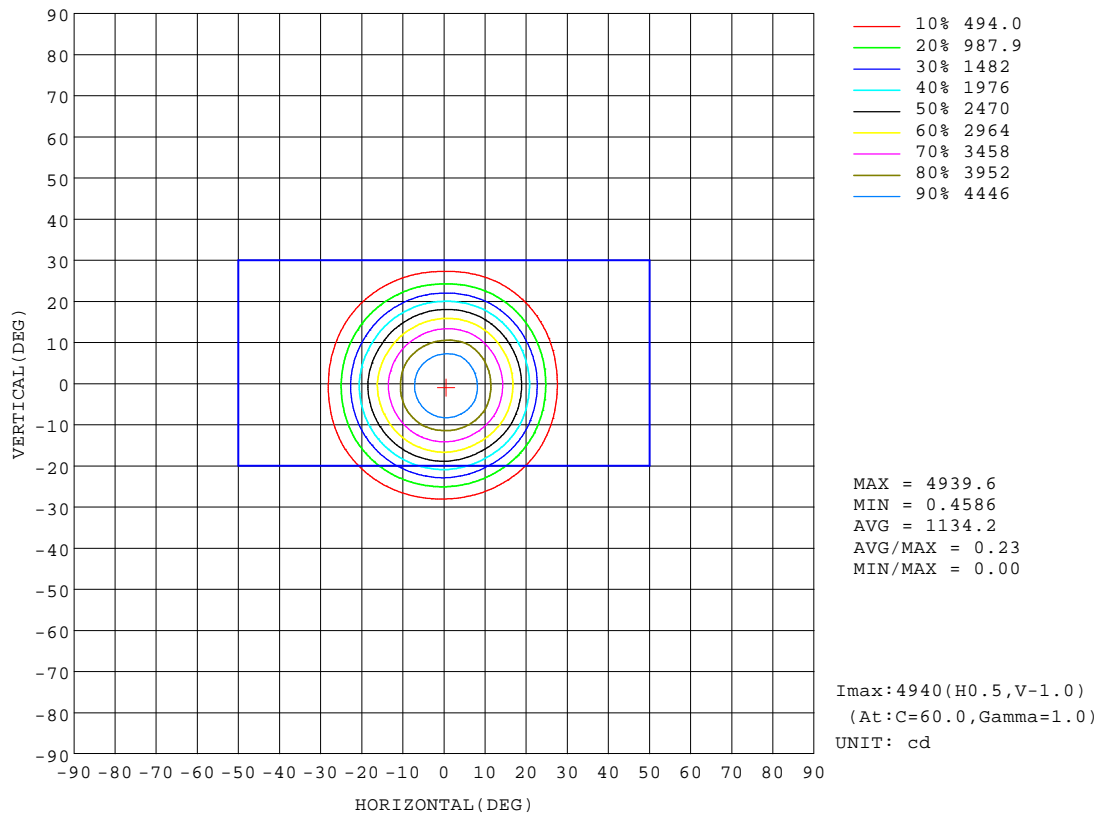
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	57	54	51	57	53	51	56	53	51	49
0.80	61	58	56	61	58	56	60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

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

## ISOCANDELA DIAGRAM

Test:U:120.02V I:0.2355A P:28.018W PF:0.9901 Freq:59.98Hz Lamp Flux:2916.2x1 lm		
NAME: 2418.120-ACOT-84-AM	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407300968
MFR.: RISE	SUR.: 0.0064m2	Shielding Angle:

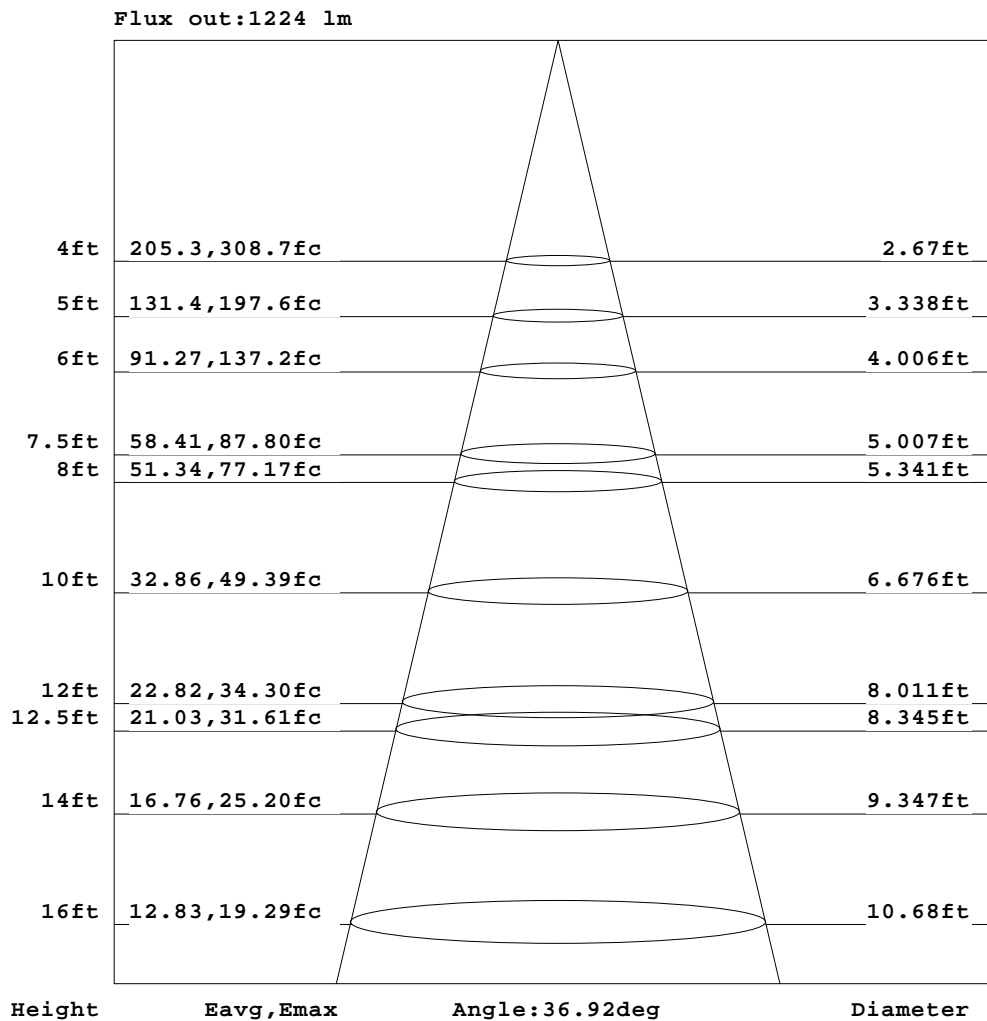


C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2024-7-30

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

## AAI Figure

Test:U:120.02V I:0.2355A P:28.018W PF:0.9901 Freq:59.98Hz Lamp Flux:2916.2x1 lm		
NAME: 2418.120-ACOT-84-AM	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407300968
MFR.: RISE	SUR.: 0.0064m2	Shielding Angle:



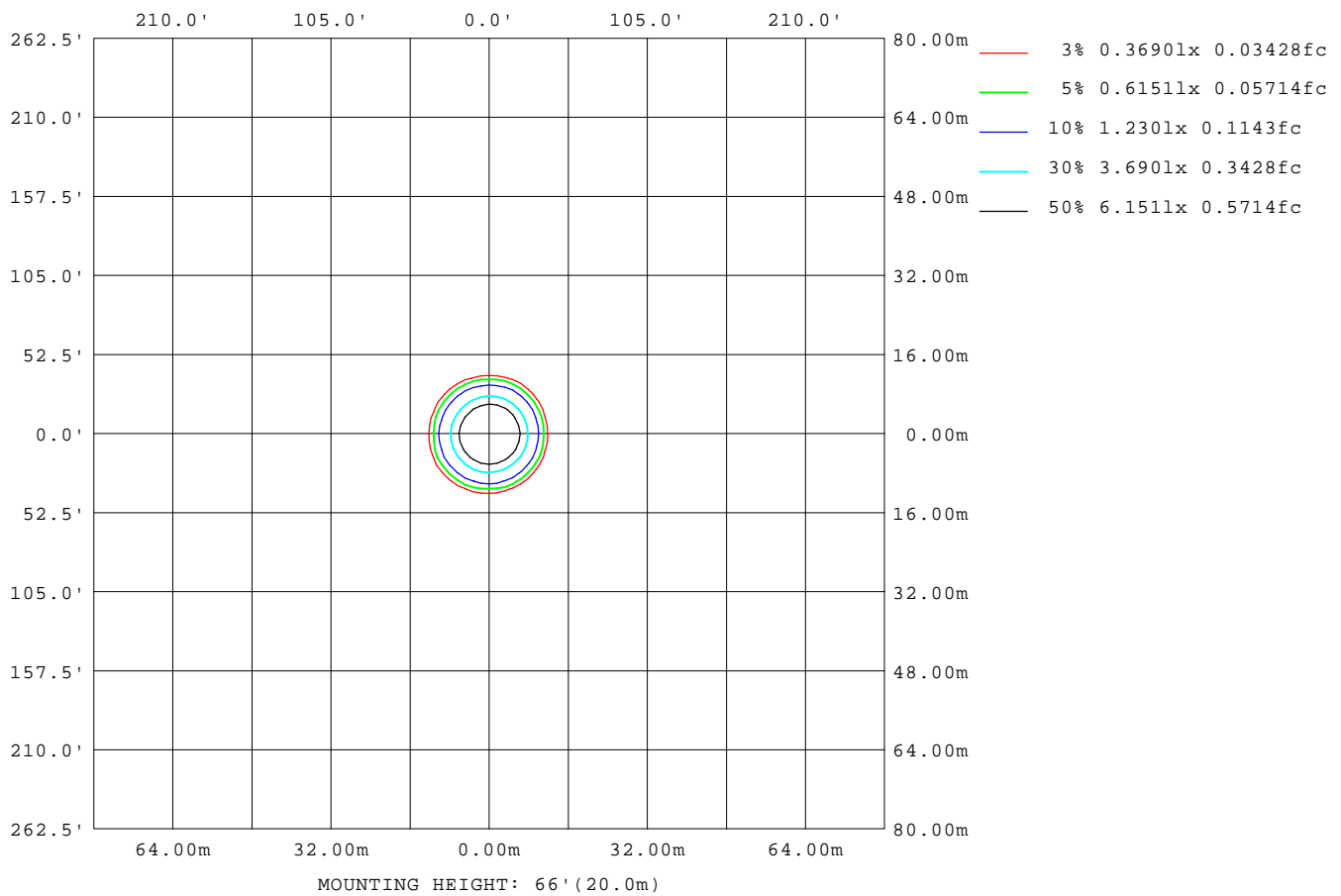
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

## ISOLUX DIAGRAM

Test:U:120.02V I:0.2355A P:28.018W PF:0.9901 Freq:59.98Hz Lamp Flux:2916.2x1 lm		
NAME: 2418.120-ACOT-84-AM	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407300968
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

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

### LED Avg.L Report

Test:U:120.02V I:0.2355A P:28.018W PF:0.9901 Freq:59.98Hz Lamp Flux:2916.2x1 lm		
NAME: 2418.120-ACOT-84-AM	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407300968
MFR.: RISE	SUR.: 0.0064m2	Shielding Angle:

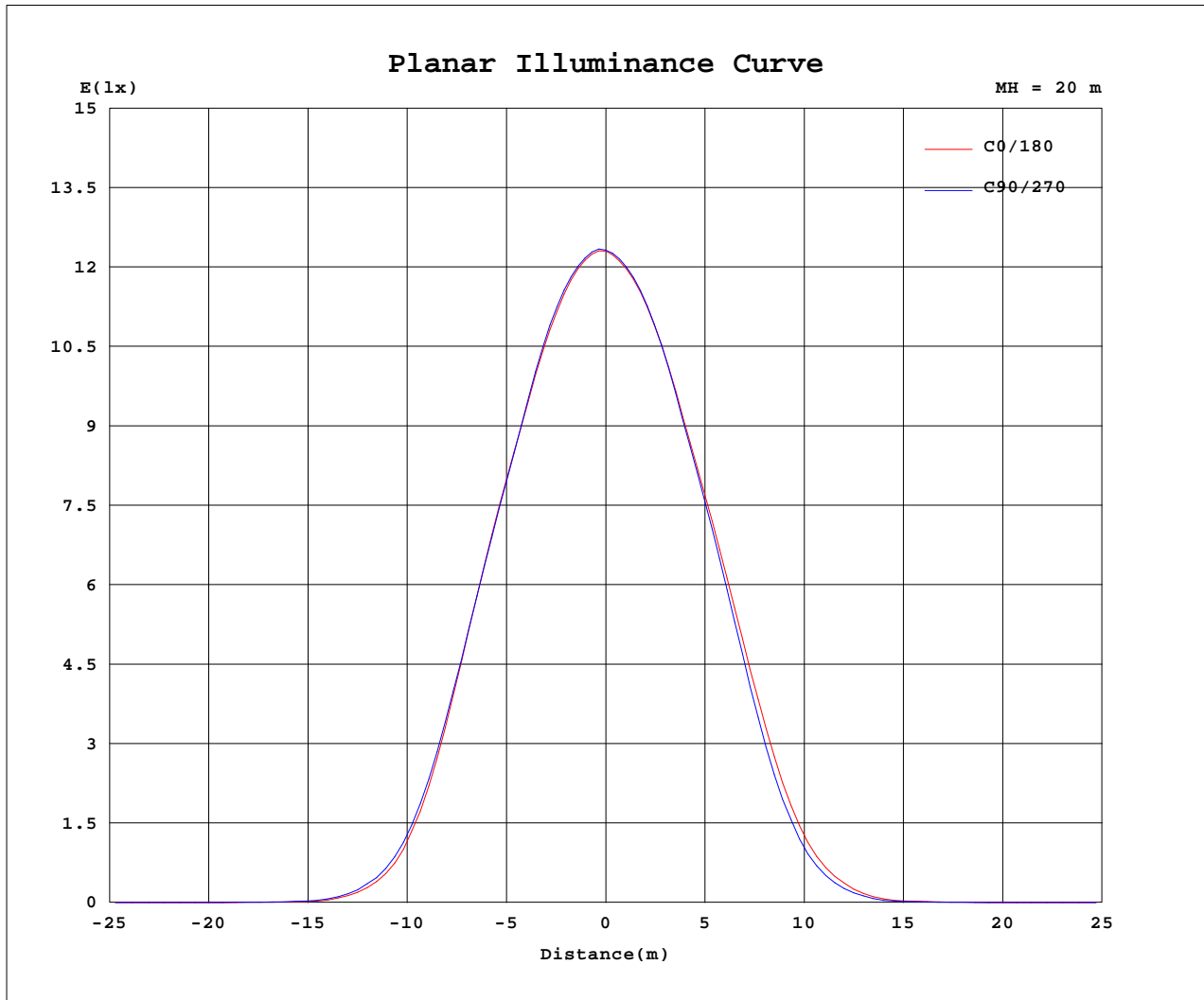
AvgL	cd/m2
L_0~180(65)av	95
L_0~180(75)av	97
L_0~180(85)av	162
L_90~270(65)av	91
L_90~270(75)av	92
L_90~270(85)av	124
L_45(65)av	84
L_45(75)av	68
L_45(85)av	62

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-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: 2024-7-30

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



## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.02V I:0.2355A P:28.018W PF:0.9901 Freq:59.98Hz Lamp Flux:2916.2x1 lm		
NAME: 2418.120-ACOT-84-AM	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407300968
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	4928	4928	4928	4928	4928	4928	4928	4928	4928	4928	4928	4928						
5	4765	4807	4798	4781	4719	4685	4673	4652	4653	4675	4706	4726						
10	4184	4254	4236	4202	4166	4104	4050	4034	4002	4024	4132	4143						
15	3332	3354	3297	3308	3274	3214	3202	3088	3060	3131	3217	3251						
20	2193	2217	2151	2210	2191	2151	2123	1966	1935	1967	2057	2100						
25	935	969	961	1010	1031	1041	988	905	848	843	902	914						
30	244	277	288	292	332	350	304	299	267	232	275	265						
35	36.6	71.5	78.9	51.9	89.4	96.8	50.3	84.9	70.4	32.8	72.6	71.0						
40	9.81	12.6	15.0	11.8	14.1	16.1	13.0	13.9	12.0	9.77	11.0	9.69						
45	3.90	5.68	7.05	4.14	5.32	5.68	3.44	4.72	4.59	3.46	4.59	3.96						
50	1.06	1.90	3.34	1.34	1.68	1.53	1.01	1.56	1.63	1.03	1.61	1.69						
55	0.53	0.53	0.55	0.55	0.58	0.60	0.58	0.56	0.54	0.52	0.51	0.51						
60	0.35	0.34	0.34	0.36	0.36	0.38	0.37	0.36	0.34	0.34	0.32	0.33						
65	0.26	0.22	0.22	0.25	0.24	0.25	0.26	0.24	0.23	0.24	0.22	0.22						
70	0.20	0.16	0.15	0.19	0.16	0.17	0.19	0.17	0.16	0.18	0.15	0.16						
75	0.17	0.12	0.11	0.16	0.12	0.12	0.15	0.12	0.12	0.14	0.11	0.12						
80	0.13	0.08	0.09	0.12	0.08	0.09	0.12	0.09	0.08	0.10	0.08	0.08						
85	0.10	0.05	0.05	0.09	0.04	0.05	0.08	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  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2024-7-30

γ Range: 0 - 180DEG  
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