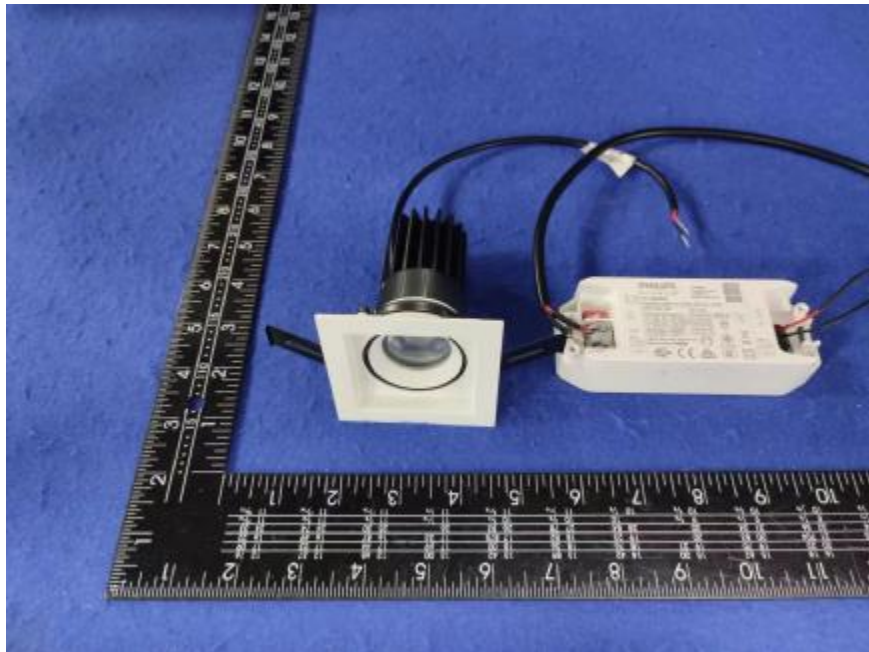


### Luminaire Photograph



Light Output Ratio:	61.6%	
Luminaire Power:	10.31 W	
SHR Nominal:	0.75	Calculated using the TM5
SHR Maximum:	0.75	fine grid method.

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3 °C  
Operators: zoe  
Test Date: 2023-11-17

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: BXR-V-DR-1830G-0600-B-23 Ra: 90  
LENS: PM-1103C 50R+DIFFUSER  
DRIVER: 9290 028 088 250mA  
30minutes warm-up

## LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

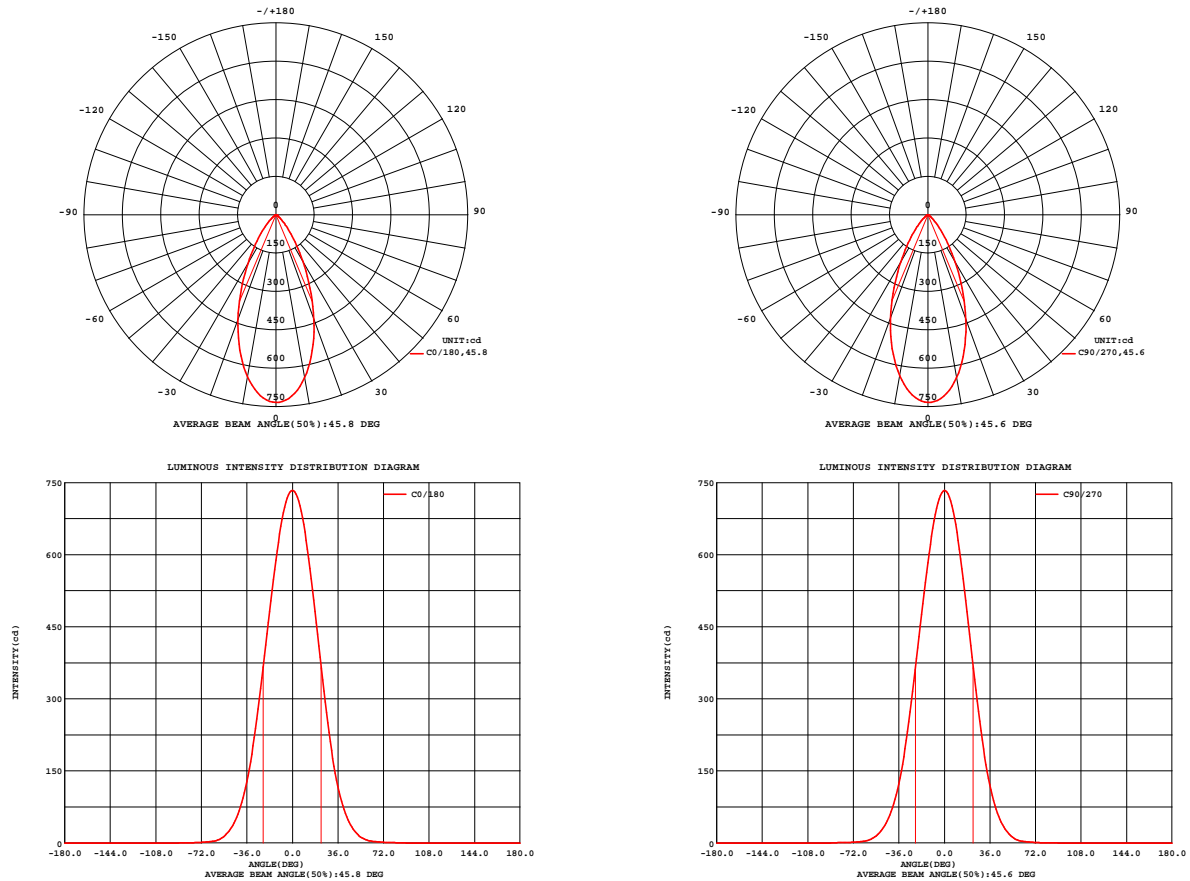


Fig. C0/C180

Fig. C90/C270

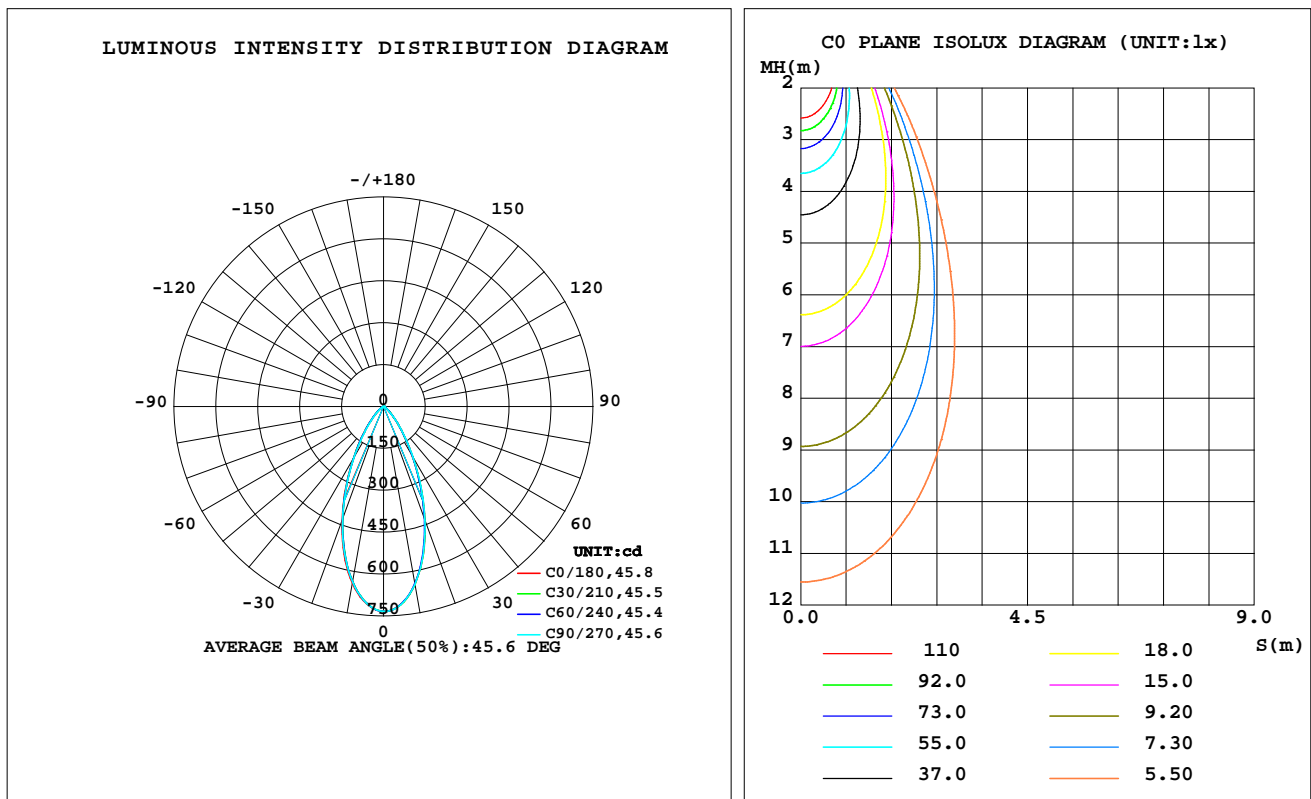
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3 °C  
Operators: zoe  
Test Date: 2023-11-17

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: BXR-V-DR-1830G-0600-B-23 Ra: 90  
LENS: PM-1103C 50R+DIFFUSER  
DRIVER: 9290 028 088 250mA  
30minutes warm-up

## LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.22V I:0.0488A P:10.313W PF:0.9573 Freq:49.99Hz Lamp Flux:814.298x1 lm		
NAME: 2214.411-1-ACOT-97-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2311171345
MFR.: RISE	SUR.: 0.002601m2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 48.67 lm/W			
MODEL	Bridgelux	I <sub>max</sub> (cd)	733.6	S/MH(C0/180)	0.72
NOMINAL POWER(W)	10	LOR(%)	61.6	S/MH(C90/270)	0.71
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	501.96	η UP,DN(C0-180)	0.0,30.8
NOMINAL FLUX(lm)	814.298	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,30.9
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	220	η down(%)	61.6	CIBSE SHR MAX	0.75



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2023-11-17

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:BXRV-DR-1830G-0600-B-23 Ra:90  
LENS:PM-1103C 50R+DIFFUSER  
DRIVER:9290 028 088 250mA  
30minutes warm-up

## ZONAL FLUX DIAGRAM

### ZONAL FLUX DIAGRAM:

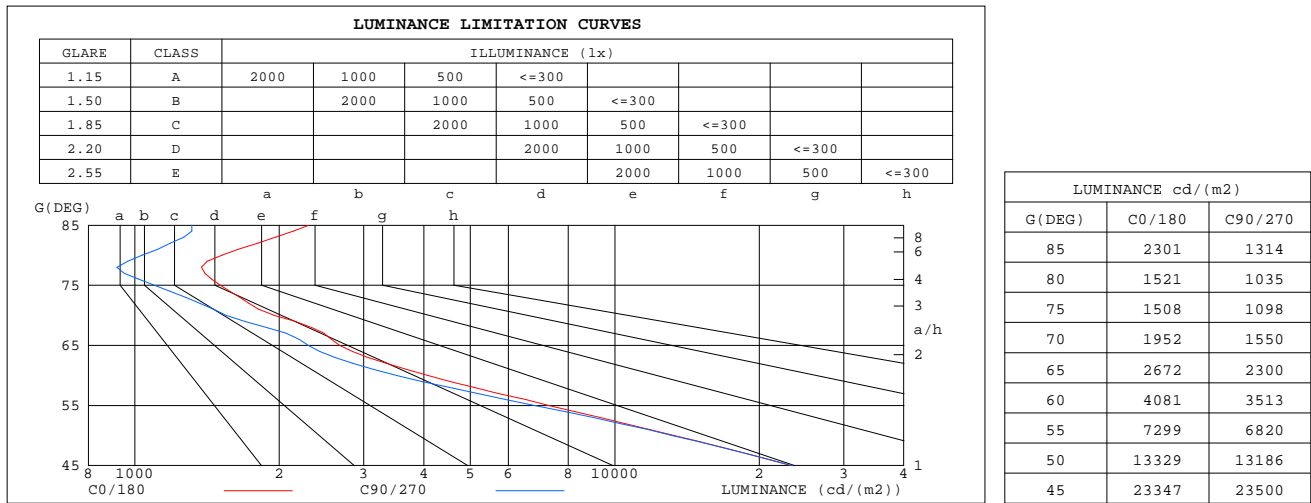
$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum,lamp
10	647.0	645.7	646.7	648.2	642.9	637.2	638.5	643.9	0- 10	65.63	65.63	13.1,8.06
20	434.4	430.8	434.3	440.1	435.1	428.7	429.3	432.2	10- 20	151.0	216.6	43.2,26.6
30	210.7	209.8	214.2	219.5	219.5	216.3	213.7	210.7	20- 30	144.7	361.3	72,44.4
40	77.72	78.51	79.14	84.26	84.12	84.21	81.47	78.31	30- 40	85.81	447.1	89.1,54.9
50	22.28	25.10	22.04	26.81	24.48	27.93	25.04	25.43	40- 50	37.06	484.2	96.5,59.5
60	5.307	6.597	4.568	6.748	5.255	7.743	5.912	7.281	50- 60	12.47	496.7	98.9,61
70	1.736	1.947	1.378	1.872	1.620	2.248	1.969	2.337	60- 70	3.615	500.3	99.7,61.4
80	0.6868	0.6408	0.4676	0.5607	0.5427	0.7860	0.7660	0.8721	70- 80	1.224	501.5	99.9,61.6
90	0	0	0	0	0	0	0	0	80- 90	0.4667	502.0	100,61.6
100	0	0	0	0	0	0	0	0	90-100	0	502.0	100,61.6
110	0	0	0	0	0	0	0	0	100-110	0	502.0	100,61.6
120	0	0	0	0	0	0	0	0	110-120	0	502.0	100,61.6
130	0	0	0	0	0	0	0	0	120-130	0	502.0	100,61.6
140	0	0	0	0	0	0	0	0	130-140	0	502.0	100,61.6
150	0	0	0	0	0	0	0	0	140-150	0	502.0	100,61.6
160	0	0	0	0	0	0	0	0	150-160	0	502.0	100,61.6
170	0	0	0	0	0	0	0	0	160-170	0	502.0	100,61.6
180	0	0	0	0	0	0	0	0	170-180	0	502.0	100,61.6
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2023-11-17

$\gamma$  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:BXRV-DR-1830G-0600-B-23 Ra:90  
LENS:PM-1103C 50R+DIFFUSER  
DRIVER:9290 028 088 250mA  
30minutes warm-up

### LUMINANCE LIMITATION CURVES

Test:U:220.22V I:0.0488A P:10.313W PF:0.9573 Freq:49.99Hz Lamp Flux:814.298x1 lm		
NAME: 2214.411-1-ACOT-97-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2311171345
MFR.: RISE	SUR.: 0.002601m2	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2023-11-17

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:BXRV-DR-1830G-0600-B-23 Ra:90  
LENS:PM-1103C 50R+DIFFUSER  
DRIVER:9290 028 088 250mA  
30minutes warm-up

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.22V I:0.0488A P:10.313W PF:0.9573 Freq:49.99Hz  
Lamp Flux:814.298x1 lm

NAME: 2214.411-1-ACOT-97-DW

TYPE:

WEIGHT:

SPEC.: 3000K

DIM.:

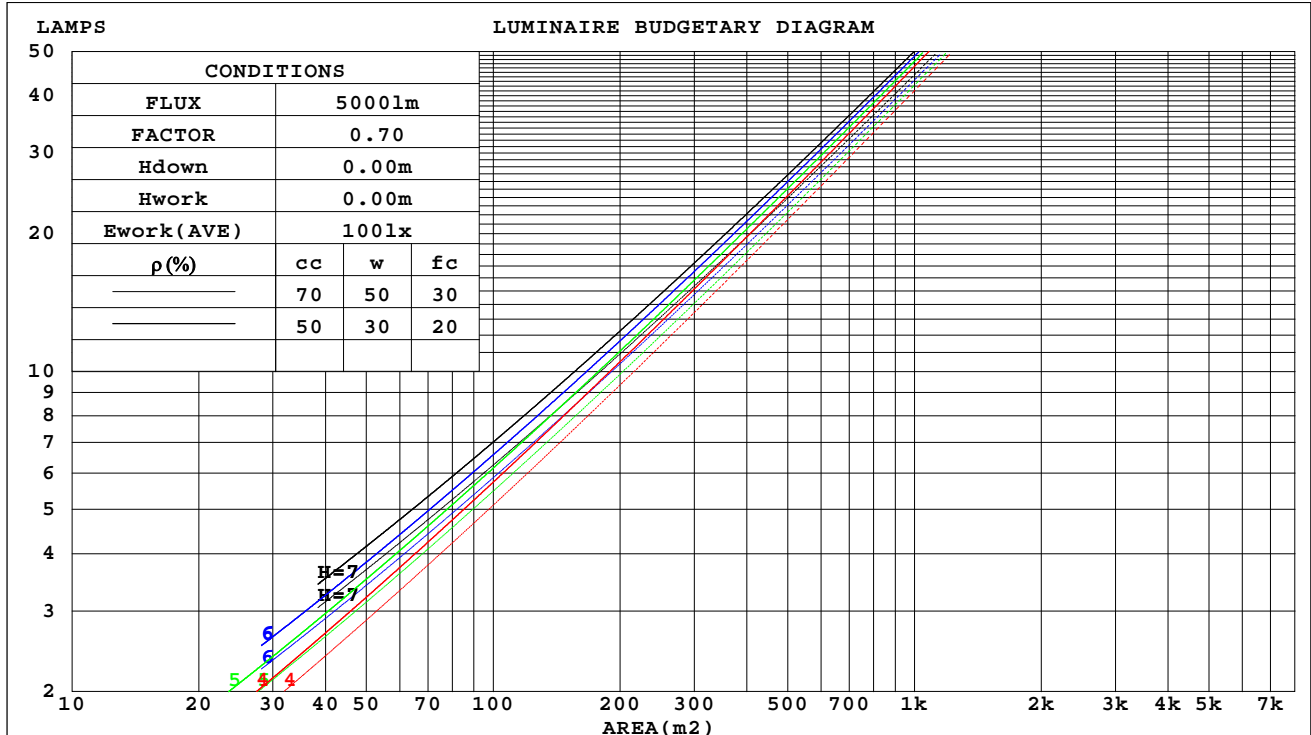
SERIAL No.: 2311171345

MFR.: RISE

SUR.: 0.002601m2

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	.73	.73	.73	.72	.72	.72	.68	.68	.68	.66	.66	.66	.63	.63	.63	.62
1.0	.68	.67	.65	.67	.66	.64	.64	.63	.62	.62	.61	.60	.60	.59	.59	.58
2.0	.64	.61	.59	.62	.60	.58	.60	.59	.57	.59	.57	.56	.57	.56	.55	.54
3.0	.59	.56	.54	.58	.56	.53	.57	.54	.52	.55	.53	.52	.54	.52	.51	.50
4.0	.55	.52	.49	.55	.52	.49	.53	.51	.49	.52	.50	.48	.51	.49	.47	.47
5.0	.52	.48	.46	.51	.48	.46	.50	.47	.45	.49	.47	.45	.48	.46	.44	.43
6.0	.49	.45	.43	.48	.45	.42	.47	.44	.42	.47	.44	.42	.46	.43	.42	.41
7.0	.46	.42	.40	.46	.42	.40	.45	.42	.40	.44	.41	.39	.43	.41	.39	.38
8.0	.44	.40	.37	.43	.40	.37	.43	.39	.37	.42	.39	.37	.41	.39	.37	.36
9.0	.41	.38	.35	.41	.38	.35	.40	.37	.35	.40	.37	.35	.39	.37	.35	.34
10.0	.39	.36	.33	.39	.36	.33	.38	.35	.33	.38	.35	.33	.37	.35	.33	.32



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2023-11-17

$\gamma$  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:BXR-V-DR-1830G-0600-B-23 Ra:90  
LENS:PM-1103C 50R+DIFFUSER  
DRIVER:9290 028 088 250mA  
30minutes warm-up

### WEC AND CCEC

Test:U:220.22V I:0.0488A P:10.313W PF:0.9573 Freq:49.99Hz Lamp Flux:814.298x1 lm		
NAME: 2214.411-1-ACOT-97-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2311171345
MFR.: RISE	SUR.: 0.002601m2	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	.110	.063	.020	.106	.060	.019	.098	.056	.018	.091	.053	.017	.085	.049	.016	
2.0	.105	.058	.018	.102	.056	.017	.095	.053	.016	.089	.050	.016	.084	.047	.015	
3.0	.100	.053	.016	.097	.052	.016	.092	.050	.015	.087	.047	.015	.082	.045	.014	
4.0	.095	.050	.015	.093	.049	.014	.088	.047	.014	.084	.045	.014	.079	.043	.013	
5.0	.091	.046	.013	.088	.045	.013	.084	.044	.013	.080	.042	.013	.077	.041	.012	
6.0	.086	.043	.012	.084	.043	.012	.081	.041	.012	.077	.040	.012	.074	.039	.012	
7.0	.082	.041	.012	.081	.040	.011	.077	.039	.011	.074	.038	.011	.071	.037	.011	
8.0	.079	.038	.011	.077	.038	.011	.074	.037	.011	.072	.036	.010	.069	.035	.010	
9.0	.075	.036	.010	.074	.036	.010	.071	.035	.010	.069	.035	.010	.067	.034	.010	
10.0	.072	.035	.010	.071	.034	.010	.069	.034	.009	.066	.033	.009	.064	.032	.009	

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	.117	.117	.117	.100	.100	.100	.068	.068	.068	.039	.039	.039	.013	.013	.013		
1.0	.106	.097	.089	.090	.083	.077	.062	.057	.053	.036	.033	.031	.011	.011	.010		
2.0	.096	.082	.069	.082	.070	.060	.056	.049	.042	.033	.028	.025	.010	.009	.008		
3.0	.089	.070	.055	.076	.060	.048	.052	.042	.034	.030	.025	.020	.010	.008	.006		
4.0	.082	.061	.045	.071	.053	.039	.049	.037	.027	.028	.021	.016	.009	.007	.005		
5.0	.077	.054	.037	.066	.047	.032	.046	.033	.023	.026	.019	.013	.008	.006	.004		
6.0	.072	.048	.031	.062	.042	.027	.043	.029	.019	.025	.017	.011	.008	.006	.004		
7.0	.068	.043	.026	.059	.038	.023	.041	.026	.016	.024	.016	.010	.008	.005	.003		
8.0	.065	.040	.022	.056	.034	.019	.039	.024	.014	.022	.014	.008	.007	.005	.003		
9.0	.062	.036	.019	.053	.032	.017	.037	.022	.012	.021	.013	.007	.007	.004	.002		
10.0	.059	.034	.017	.051	.029	.015	.035	.021	.010	.020	.012	.006	.007	.004	.002		

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2023-11-17

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:BXRV-DR-1830G-0600-B-23 Ra:90  
LENS:PM-1103C 50R+DIFFUSER  
DRIVER:9290 028 088 250mA  
30minutes warm-up

## UGR(Unified Glare Rating) Table

Test:U:220.22V I:0.0488A P:10.313W PF:0.9573 Freq:49.99Hz Lamp Flux:814.298x1 lm										
NAME: 2214.411-1-ACOT-97-DW					TYPE:			WEIGHT:		
SPEC.: 3000K					DIM.:			SERIAL No.: 2311171345		
MFR.: RISE					SUR.: 0.002601m2			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	19.2	20.1	19.4	20.3	20.5	19.1	20.1	19.3	20.2	20.4
3H	19.1	19.9	19.3	20.1	20.3	19.0	19.9	19.2	20.1	20.3
4H	19.0	19.8	19.3	20.0	20.3	18.9	19.7	19.2	19.9	20.2
6H	18.9	19.7	19.2	19.9	20.2	18.8	19.6	19.1	19.8	20.1
8H	18.9	19.6	19.2	19.9	20.1	18.8	19.5	19.1	19.8	20.0
12H	18.8	19.6	19.2	19.8	20.1	18.7	19.5	19.1	19.7	20.0
4H 2H	19.0	19.8	19.3	20.0	20.3	18.9	19.8	19.2	20.0	20.2
3H	18.9	19.6	19.2	19.9	20.1	18.8	19.5	19.1	19.8	20.1
4H	18.8	19.5	19.2	19.8	20.1	18.7	19.4	19.1	19.7	20.0
6H	18.7	19.3	19.1	19.6	20.0	18.7	19.2	19.0	19.6	19.9
8H	18.7	19.2	19.1	19.6	20.0	18.6	19.1	19.0	19.5	19.9
12H	18.7	19.2	19.1	19.5	19.9	18.6	19.0	19.0	19.4	19.8
8H 4H	18.7	19.2	19.1	19.6	19.9	18.6	19.1	19.0	19.5	19.8
6H	18.6	19.1	19.0	19.4	19.9	18.5	19.0	19.0	19.3	19.8
8H	18.6	19.0	19.0	19.4	19.8	18.5	18.9	18.9	19.3	19.7
12H	18.6	18.9	19.0	19.3	19.8	18.4	18.8	18.9	19.2	19.7
12H 4H	18.6	19.1	19.0	19.5	19.9	18.6	19.0	19.0	19.4	19.8
6H	18.6	19.0	19.0	19.4	19.8	18.5	18.9	18.9	19.3	19.7
8H	18.6	18.9	19.0	19.3	19.8	18.4	18.8	18.9	19.2	19.7
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 2.4 / - 6.2					+ 2.6 / - 7.0				
1.5H	+ 3.7 / - 4.0					+ 3.9 / - 4.7				
2.0H	+ 4.5 / - 5.1					+ 4.9 / - 5.8				

CIE Pub.117, 814.3 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -0.7)  
Area: 0.002601 m2

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2023-11-17

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:BXRV-DR-1830G-0600-B-23 Ra:90  
LENS:PM-1103C 50R+DIFFUSER  
DRIVER:9290 028 088 250mA  
30minutes warm-up



### UTILIZATION FACTORS TABLE

Test:U:220.22V I:0.0488A P:10.313W PF:0.9573 Freq:49.99Hz Lamp Flux:814.298x1 lm		
NAME: 2214.411-1-ACOT-97-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2311171345
MFR.: RISE	SUR.: 0.002601m2	Shielding Angle:

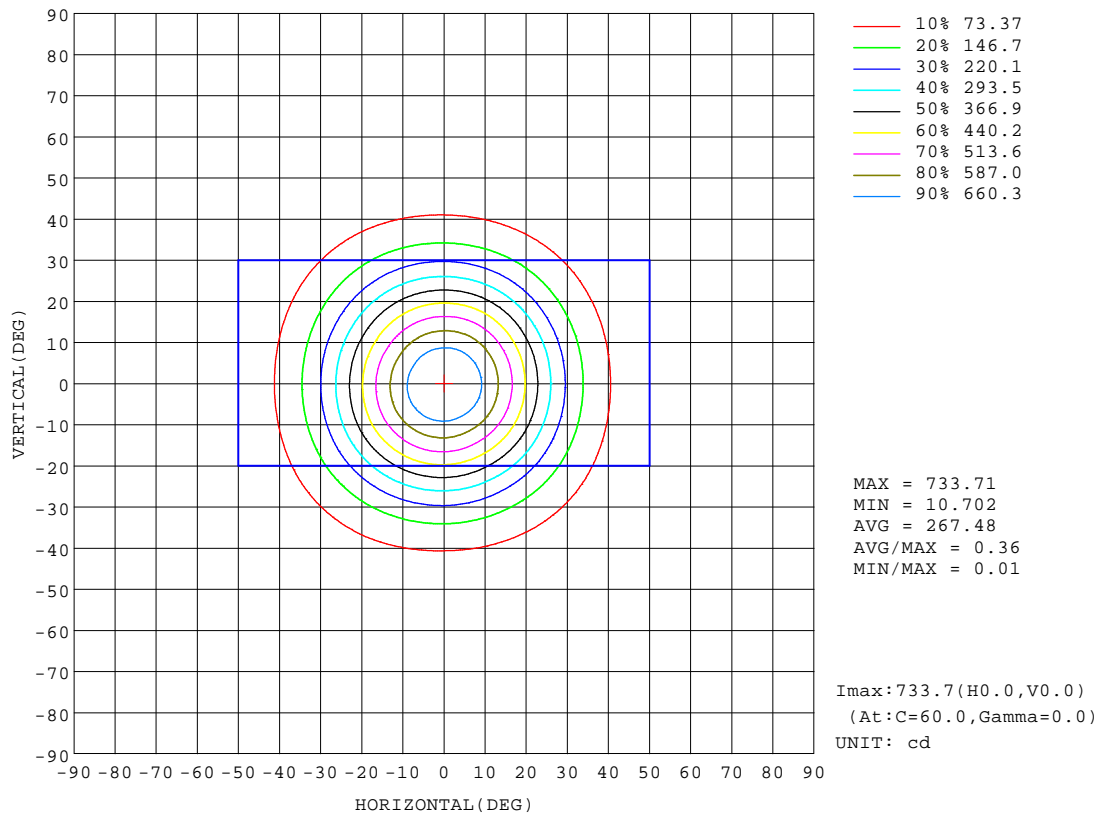
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	52	48	45	52	48	45	51	48	45	43
0.80	57	53	51	57	53	51	56	53	50	48
1.00	60	56	54	60	56	54	59	56	54	51
1.25	63	59	57	62	59	57	61	58	56	54
1.50	65	61	59	64	61	59	62	60	58	55
2.00	66	64	62	66	63	61	64	62	60	57
2.50	68	65	63	67	64	63	65	63	61	58
3.00	69	66	65	67	65	64	65	64	63	59
4.00	70	68	67	69	67	66	66	65	64	60
5.00	71	69	68	69	68	67	67	66	65	60
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:2023-11-17

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:BXRV-DR-1830G-0600-B-23 Ra:90  
LENS:PM-1103C 50R+DIFFUSER  
DRIVER:9290 028 088 250mA  
30minutes warm-up

## ISOCANDELA DIAGRAM

Test:U:220.22V I:0.0488A P:10.313W PF:0.9573 Freq:49.99Hz Lamp Flux:814.298x1 lm		
NAME: 2214.411-1-ACOT-97-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2311171345
MFR.: RISE	SUR.: 0.002601m2	Shielding Angle:

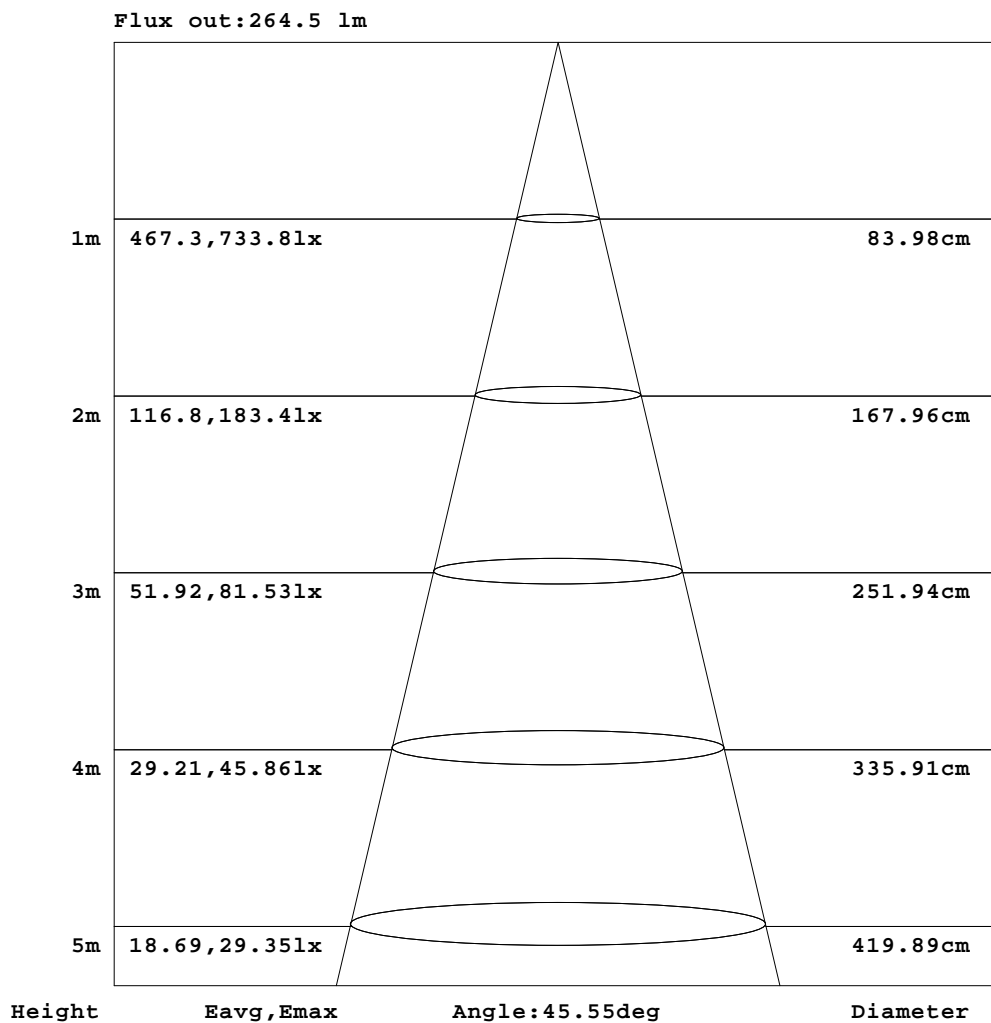


C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3 °C  
Operators: zoe  
Test Date: 2023-11-17

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: BXR-V-DR-1830G-0600-B-23 Ra: 90  
LENS: PM-1103C 50R+DIFFUSER  
DRIVER: 9290 028 088 250mA  
30minutes warm-up

## AAI Figure

Test:U:220.22V I:0.0488A P:10.313W PF:0.9573 Freq:49.99Hz Lamp Flux:814.298lx1 lm		
NAME: 2214.411-1-ACOT-97-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2311171345
MFR.: RISE	SUR.: 0.002601m2	Shielding Angle:



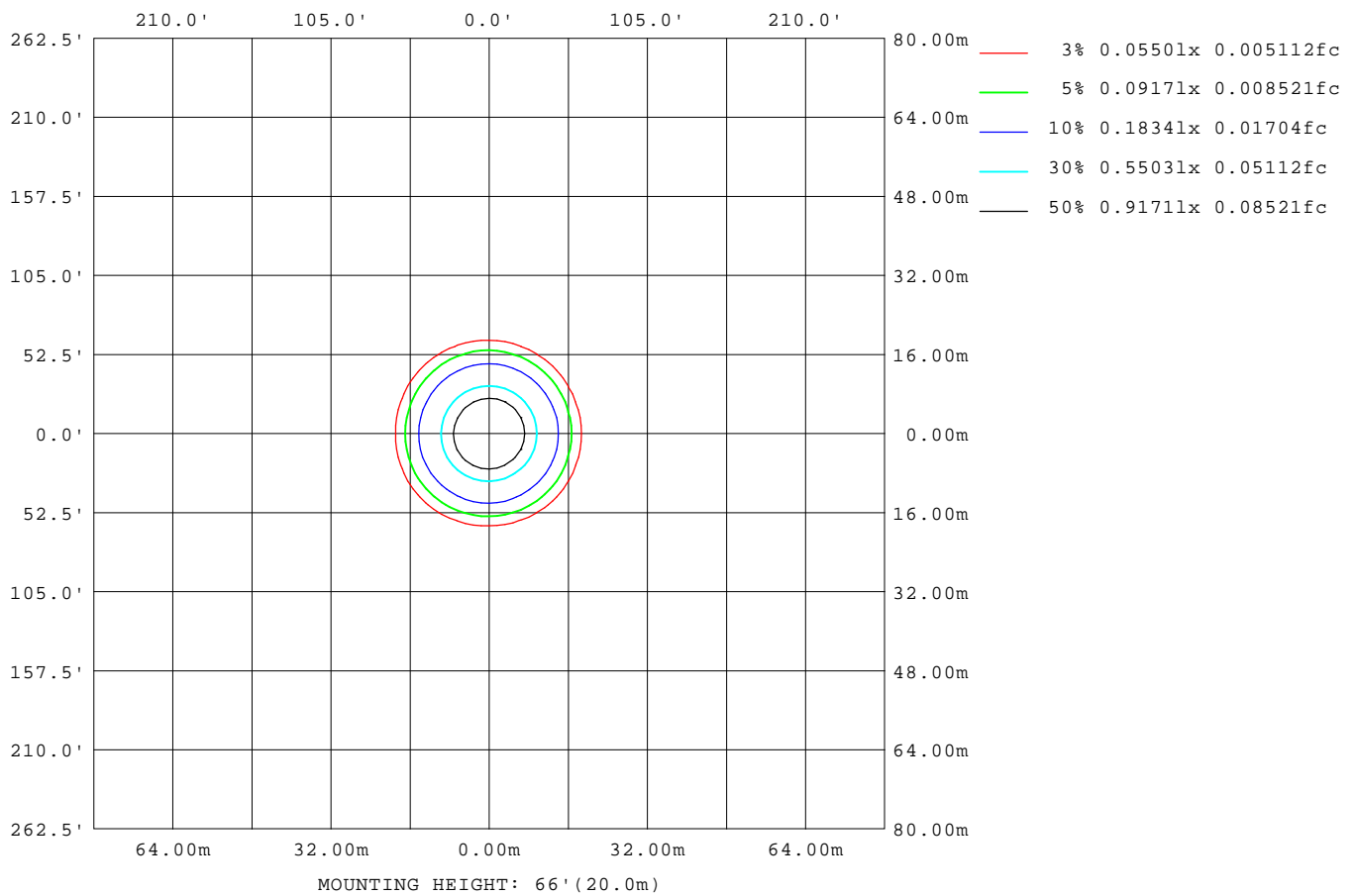
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3 °C  
Operators: zoe  
Test Date: 2023-11-17

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: BXR V-DR-1830G-0600-B-23 Ra: 90  
LENS: PM-1103C 50R+DIFFUSER  
DRIVER: 9290 028 088 250mA  
30minutes warm-up

## ISOLUX DIAGRAM

Test:U:220.22V I:0.0488A P:10.313W PF:0.9573 Freq:49.99Hz Lamp Flux:814.298x1 lm		
NAME: 2214.411-1-ACOT-97-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2311171345
MFR.: RISE	SUR.: 0.002601m2	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3°C  
Operators:zoe  
Test Date:2023-11-17

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:BXRV-DR-1830G-0600-B-23 Ra:90  
LENS:PM-1103C 50R+DIFFUSER  
DRIVER:9290 028 088 250mA  
30minutes warm-up

## LED Avg.L Report

Test:U:220.22V I:0.0488A P:10.313W PF:0.9573 Freq:49.99Hz Lamp Flux:814.298x1 lm		
NAME: 2214.411-1-ACOT-97-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2311171345
MFR.: RISE	SUR.: 0.002601m2	Shielding Angle:

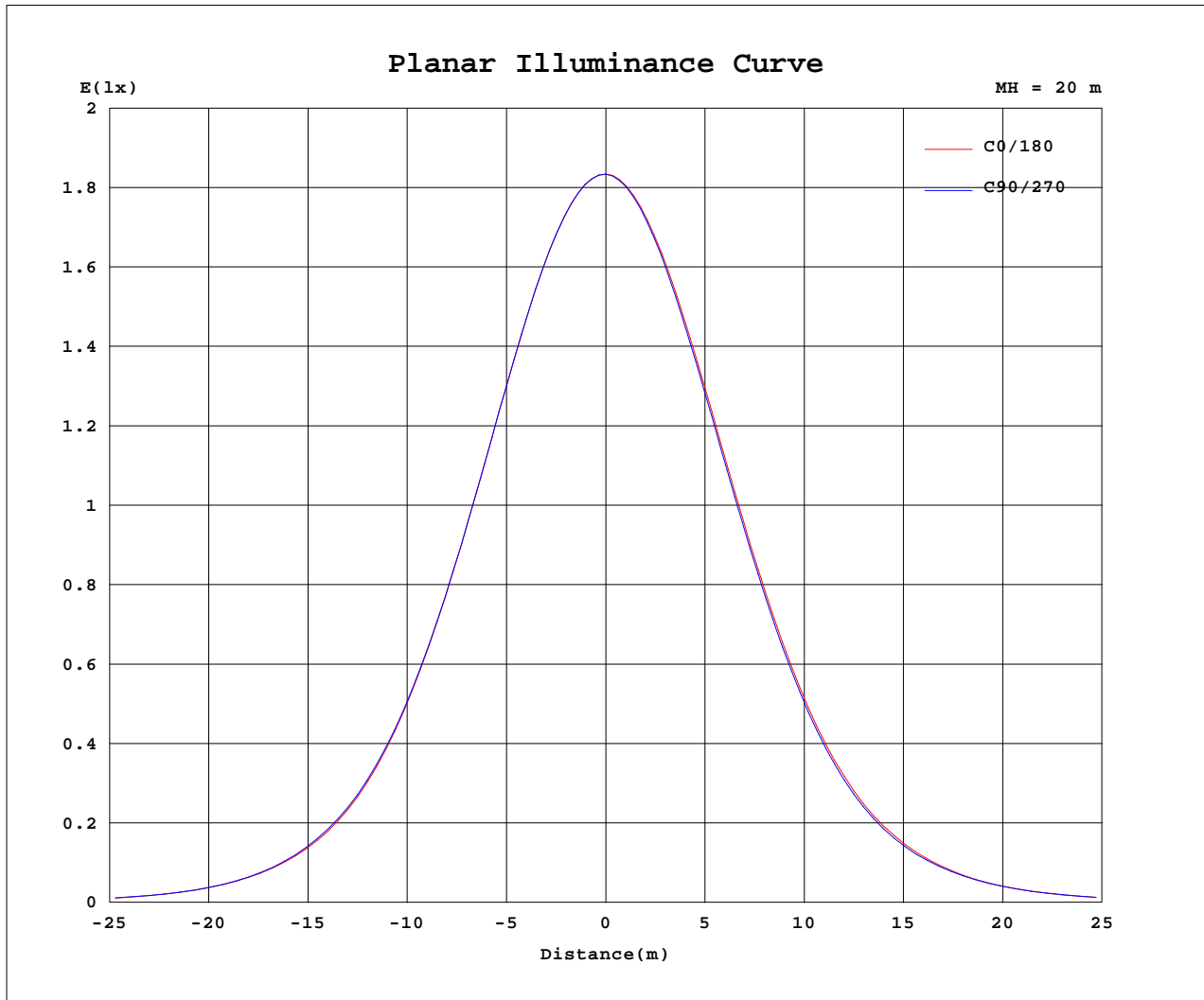
AvgL	cd/m2
L_0~180(65)av	2610
L_0~180(75)av	1412
L_0~180(85)av	2059
L_90~270(65)av	2582
L_90~270(75)av	1416
L_90~270(85)av	2092
L_45(65)av	3412
L_45(75)av	1763
L_45(85)av	2201

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2023-11-17

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:BXRV-DR-1830G-0600-B-23 Ra:90  
LENS:PM-1103C 50R+DIFFUSER  
DRIVER:9290 028 088 250mA  
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: 2023-11-17

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: BXRV-DR-1830G-0600-B-23 Ra: 90  
 LENS: PM-1103C 50R+DIFFUSER  
 DRIVER: 9290 028 088 250mA  
 30minutes warm-up

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.22V I:0.0488A P:10.313W PF:0.9573 Freq:49.99Hz Lamp Flux:814.298x1 lm		
NAME: 2214.411-1-ACOT-97-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2311171345
MFR.: RISE	SUR.: 0.002601m2	Shielding Angle:

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	734	734	734	734	734	734	734	734	734	734	734	734						
5	711	712	711	712	712	711	709	706	707	707	709	710						
10	647	647	645	647	648	648	643	637	638	639	643	645						
15	550	549	545	550	553	554	548	540	541	542	546	548						
20	434	433	429	434	439	441	435	428	429	429	432	432						
25	316	315	312	318	322	325	321	316	317	315	315	314						
30	211	211	209	214	218	221	219	216	217	214	212	209						
35	131	132	130	135	137	140	140	138	138	135	133	130						
40	77.7	78.6	78.5	79.1	83.4	85.1	84.1	84.5	83.9	81.5	79.3	77.3						
45	42.9	45.7	44.7	43.2	47.9	49.0	46.8	49.3	49.2	46.5	45.9	44.2						
50	22.3	25.7	24.5	22.0	26.7	27.0	24.5	27.9	27.9	25.0	26.3	24.6						
55	10.9	13.8	12.5	10.2	13.9	13.9	11.9	15.2	15.1	12.7	14.5	13.0						
60	5.31	7.02	6.17	4.57	6.74	6.76	5.25	7.86	7.63	5.91	7.79	6.78						
65	2.94	3.63	3.16	2.53	3.28	3.29	2.80	4.01	3.89	3.15	4.18	3.78						
70	1.74	2.07	1.82	1.38	1.83	1.91	1.62	2.21	2.28	1.97	2.38	2.29						
75	1.01	1.13	0.99	0.74	0.96	0.99	0.89	1.22	1.30	1.17	1.39	1.30						
80	0.69	0.70	0.58	0.47	0.55	0.58	0.54	0.75	0.83	0.77	0.90	0.84						
85	0.52	0.44	0.35	0.30	0.32	0.38	0.41	0.52	0.65	0.65	0.67	0.63						
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:2023-11-17

γ Range: 0 - 180DEG  
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