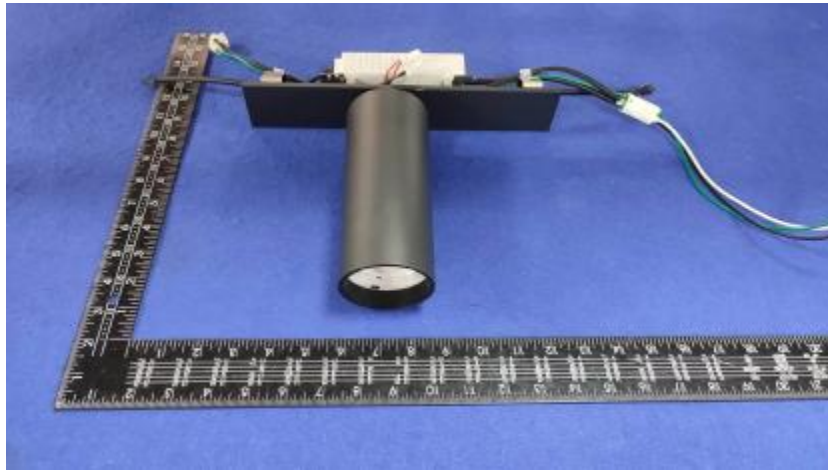


### Luminaire Photograph



Light Output Ratio:	83.4%	
Luminaire Power:	40.84 W	
SHR Nominal:	0.00	Calculated using the TM5
SHR Maximum:	1.00	fine grid method.

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Zoe  
Test Date: 2022-9-6

g Range: 0 - 180DEG  
Interval: 1.0DEG  
Test System: EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.416  
Humidity: 65.0%  
Test Distance: 3.160m [K=1.0000]  
Remarks: LAMP: CXB-1830-0000-000N0US430G Ra: 90  
LENS: PM-1076A 23R  
DRIVER: PUP40A-1WMC-1200 1050mA  
30minutes warm-up

## LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

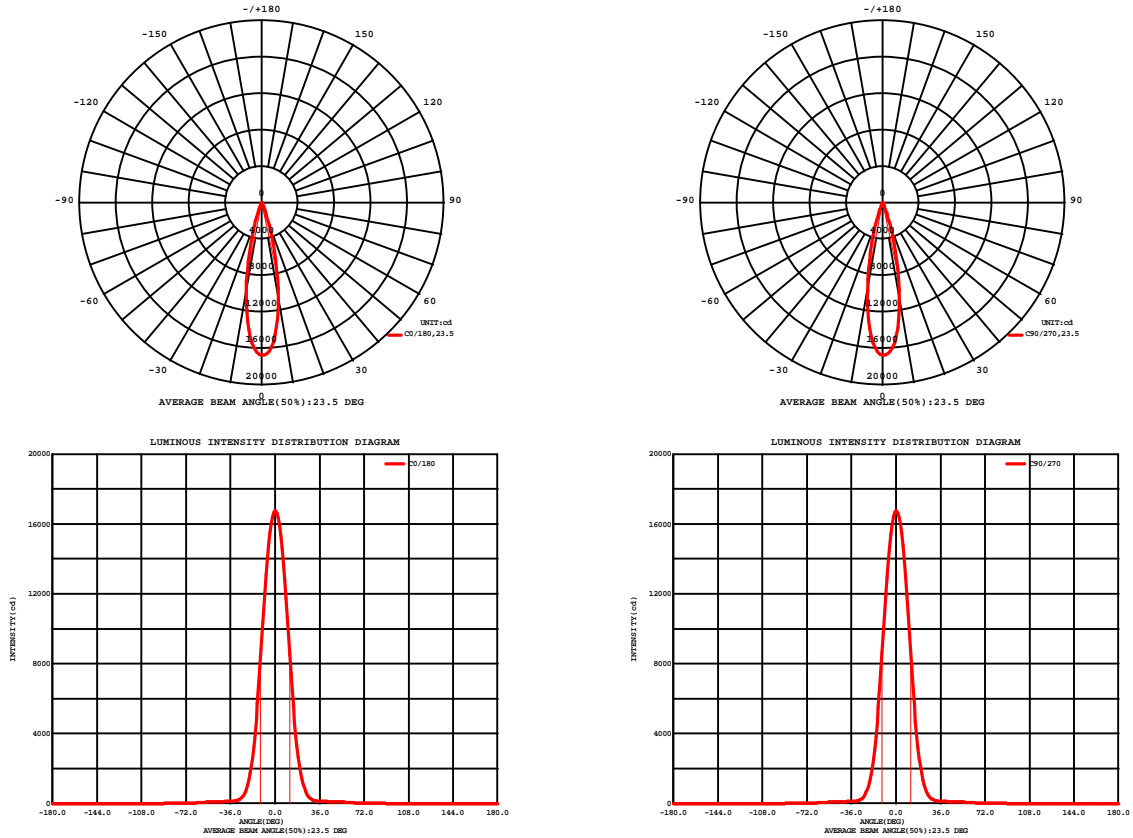


Fig. C0/C180

Fig. C90/C270

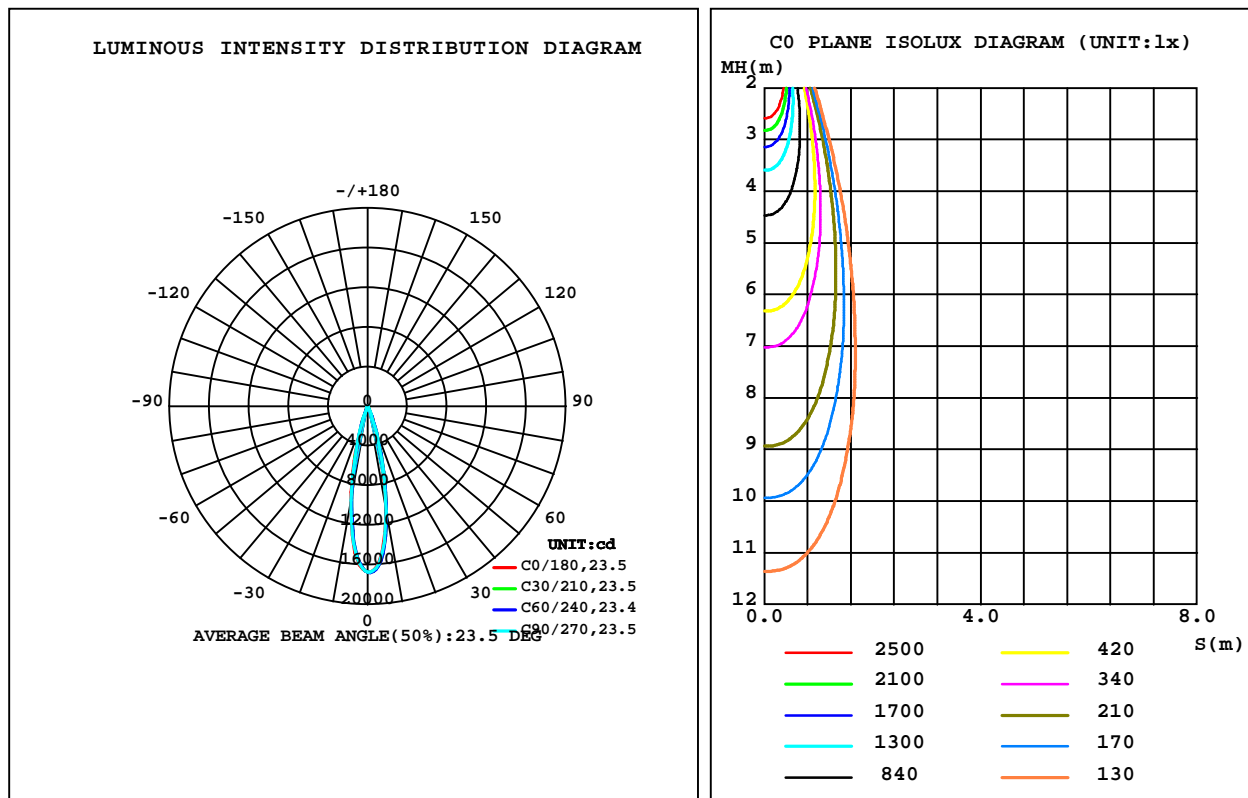
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Zoe  
Test Date: 2022-9-6

C Range: 0 - 180DEG  
C Interval: 1.0DEG  
Test System: EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.416  
Humidity: 65.0%  
Test Distance: 3.160m [K=1.0000]  
Remarks: LAMP: CXB-1830-0000-000N0US430G Ra: 90  
LENS: PM-1076A 23R  
DRIVER: PUP40A-1WMC-1200 1050mA  
30minutes warm-up

## LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:119.88V I:0.3428A P:40.838W PF:0.9926 Freq:59.98Hz Lamp Flux:3963.64x1 lm		
NAME: 2117.456-V-AM	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2209060797
MFR.: RISE	SUR.:0.003115665m2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 80.91 lm/W			
MODEL	CREE	I <sub>max</sub> (cd)	16818	S/MH(C0/180)	0.38
NOMINAL POWER(W)	41	LOR(%)	83.4	S/MH(C90/270)	0.38
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	3304.3	h UP,DN(C0-180)	0.0,42.9
NOMINAL FLUX(lm)	3963.64	CIE CLASS	DIRECT	h UP,DN(C180-360)	0.0,40.4
LAMPS INSIDE	1	h up(%)	0.0	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	120	h down(%)	83.4	CIBSE SHR MAX	1.00



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Zoe  
Test Date:2022-9-6

g Range: 0 - 180DEG  
Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.416  
Humidity:65.0%  
Test Distance:3.160m [K=1.0000]  
Remarks: LAMP:CXB-1830-0000-000N0US430G Ra:90  
LENS:PM-1076A 23R  
DRIVER:PUP40A-1WMC-1200 1050mA  
30minutes warm-up

## ZONAL FLUX DIAGRAM

### ZONAL FLUX DIAGRAM:

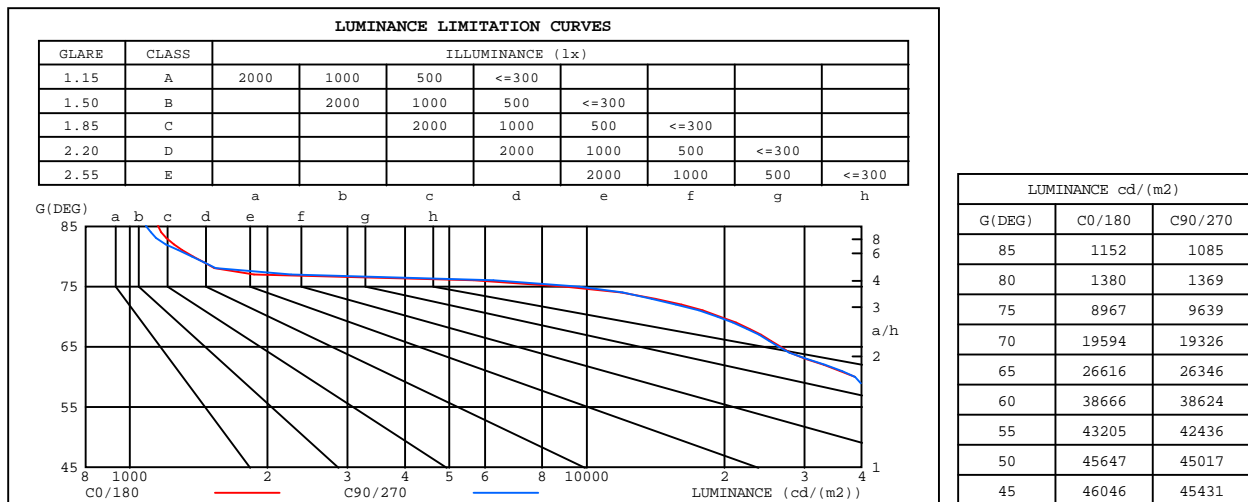
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum, lamp
10	1067	1107	1081	969.6	993.1	942.7	969.3	1083	0- 10	1280	1280	38.7,32.3
20	217.1	235.8	218.0	171.7	175.2	151.9	162.9	229.2	10- 20	1428	2708	82,68.3
30	21.86	22.94	22.45	18.73	18.35	16.93	17.31	23.22	20- 30	321.9	3030	91.7,76.4
40	11.55	11.48	11.41	11.34	11.17	10.96	10.94	11.67	30- 40	87.05	3117	94.3,78.6
50	9.127	9.050	9.020	8.847	8.917	8.698	8.784	9.269	40- 50	77.81	3195	96.7,80.6
60	6.014	6.062	6.020	5.449	5.650	5.281	5.382	6.072	50- 60	66.65	3262	98.7,82.3
70	2.085	2.073	2.060	1.832	1.925	1.710	1.725	2.152	60- 70	34.73	3296	99.8,83.2
80	0.0745	0.0732	0.0741	0.0607	0.0629	0.0556	0.0608	0.0704	70- 80	7.654	3304	100,83.4
90	0	0	0	0	0	0	0	0	80- 90	0.3098	3304	100,83.4
100	0	0	0	0	0	0	0	0	90-100	0	3304	100,83.4
110	0	0	0	0	0	0	0	0	100-110	0	3304	100,83.4
120	0	0	0	0	0	0	0	0	110-120	0	3304	100,83.4
130	0	0	0	0	0	0	0	0	120-130	0	3304	100,83.4
140	0	0	0	0	0	0	0	0	130-140	0	3304	100,83.4
150	0	0	0	0	0	0	0	0	140-150	0	3304	100,83.4
160	0	0	0	0	0	0	0	0	150-160	0	3304	100,83.4
170	0	0	0	0	0	0	0	0	160-170	0	3304	100,83.4
180	0	0	0	0	0	0	0	0	170-180	0	3304	100,83.4
DEG	LUMINOUS INTENSITY:×10cd									UNIT:lm		

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Zoe  
Test Date:2022-9-6

g Range: 0 - 180DEG  
Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.416  
Humidity:65.0%  
Test Distance:3.160m [K=1.0000]  
Remarks: LAMP:CXB-1830-0000-000N0US430G Ra:90  
LENS:PM-1076A 23R  
DRIVER:PUP40A-1WMC-1200 1050mA  
30minutes warm-up

## LUMINANCE LIMITATION CURVES

Test:U:119.88V I:0.3428A P:40.838W PF:0.9926 Freq:59.98Hz Lamp Flux:3963.64x1 lm		
NAME: 2117.456-V-AM	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2209060797
MFR.: RISE	SUR.:0.003115665m2	Shielding Angle:



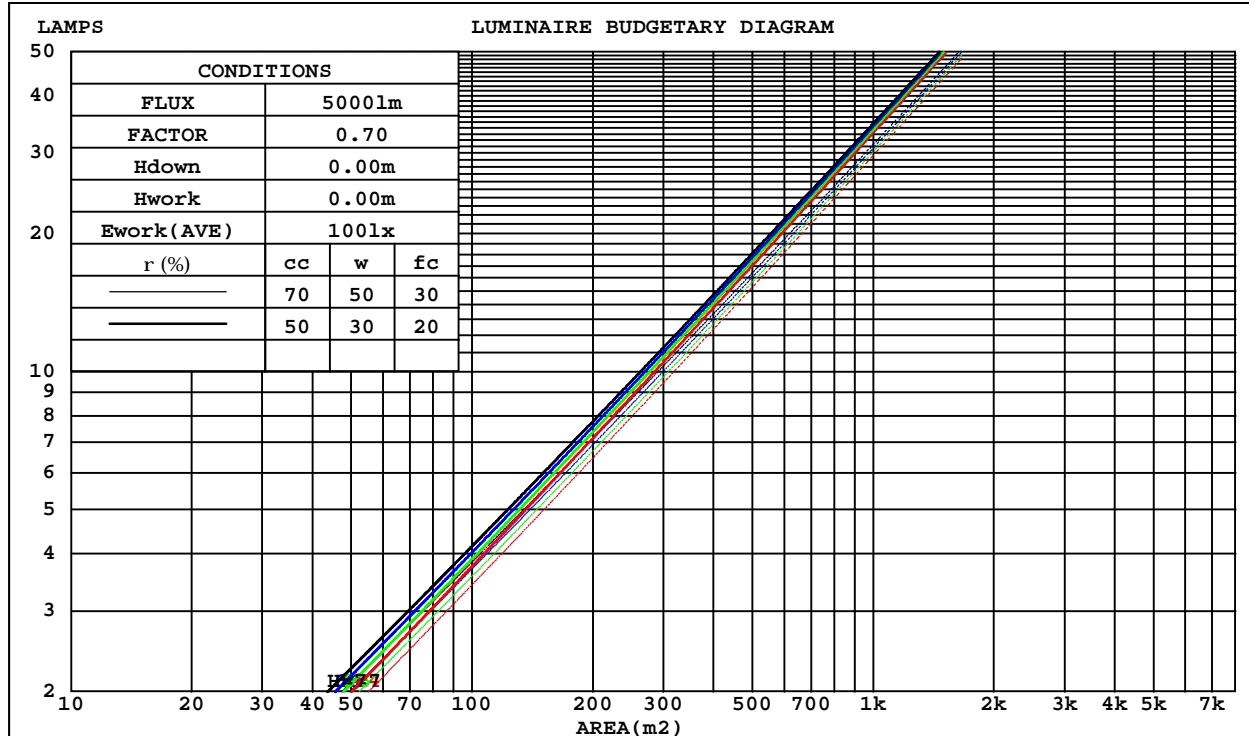
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Zoe  
Test Date:2022-9-6

G Range: 0 - 180DEG  
G Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.416  
Humidity:65.0%  
Test Distance:3.160m [K=1.0000]  
Remarks: LAMP:CXB-1830-0000-000N0US430G Ra:90  
LENS:PM-1076A 23R  
DRIVER:PUP40A-1WMC-1200 1050mA  
30minutes warm-up

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:119.88V I:0.3428A P:40.838W PF:0.9926 Freq:59.98Hz Lamp Flux:3963.64x1 lm		
NAME: 2117.456-V-AM	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2209060797
MFR.: RISE	SUR.:0.003115665m2	Shielding Angle:

rcc	80%			70%			50%			30%			10%			0
rw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
r fc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio                      Coefficients of Utilization(CU)															
0.0	.99	.99	.99	.97	.97	.97	.93	.93	.93	.89	.89	.89	.85	.85	.85	.83
1.0	.94	.92	.91	.92	.91	.89	.89	.88	.87	.86	.85	.84	.83	.82	.82	.80
2.0	.89	.87	.85	.88	.86	.84	.85	.83	.82	.83	.81	.80	.81	.80	.79	.77
3.0	.85	.82	.80	.84	.81	.79	.82	.80	.78	.80	.78	.77	.79	.77	.76	.75
4.0	.82	.79	.76	.81	.78	.76	.79	.77	.75	.78	.76	.74	.77	.75	.73	.72
5.0	.79	.76	.73	.78	.75	.73	.77	.74	.72	.76	.73	.71	.75	.72	.71	.70
6.0	.76	.73	.70	.76	.72	.70	.75	.72	.70	.74	.71	.69	.73	.70	.69	.68
7.0	.74	.70	.68	.73	.70	.68	.73	.70	.68	.72	.69	.67	.71	.69	.67	.66
8.0	.72	.68	.66	.71	.68	.66	.71	.68	.66	.70	.67	.65	.69	.67	.65	.64
9.0	.70	.66	.64	.70	.66	.64	.69	.66	.64	.68	.66	.64	.68	.65	.64	.63
10.0	.68	.65	.63	.68	.65	.62	.67	.64	.62	.67	.64	.62	.66	.64	.62	.61



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Zoe  
Test Date:2022-9-6

g Range: 0 - 180DEG  
Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.416  
Humidity:65.0%  
Test Distance:3.160m [K=1.0000]  
Remarks: LAMP:CXB-1830-0000-000N0US430G Ra:90  
LENS:PM-1076A 23R  
DRIVER:PUP40A-1WMC-1200 1050mA  
30minutes warm-up

### WEC AND CCEC

Test:U:119.88V I:0.3428A P:40.838W PF:0.9926 Freq:59.98Hz Lamp Flux:3963.64x1 lm		
NAME: 2117.456-V-AM	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2209060797
MFR.: RISE	SUR.:0.003115665m2	Shielding Angle:

rcc	80%			70%			50%			30%			10%			0
rw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
rfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio Wall Exitance Coefficients(WEC)															
0.0																
1.0	.117	.067	.021	.112	.064	.020	.102	.058	.019	.092	.053	.017	.083	.048	.016	
2.0	.109	.060	.018	.105	.058	.018	.096	.053	.017	.088	.050	.015	.081	.046	.014	
3.0	.102	.054	.016	.098	.052	.016	.091	.049	.015	.084	.046	.014	.078	.043	.013	
4.0	.095	.049	.015	.092	.048	.014	.086	.045	.014	.080	.043	.013	.075	.041	.012	
5.0	.089	.045	.013	.086	.044	.013	.081	.042	.012	.076	.040	.012	.072	.038	.012	
6.0	.084	.042	.012	.081	.041	.012	.077	.039	.011	.073	.038	.011	.069	.036	.011	
7.0	.079	.039	.011	.077	.038	.011	.073	.037	.011	.070	.036	.010	.066	.034	.010	
8.0	.075	.037	.010	.073	.036	.010	.070	.035	.010	.067	.034	.010	.064	.033	.010	
9.0	.071	.035	.010	.070	.034	.010	.067	.033	.009	.064	.032	.009	.062	.031	.009	
10.0	.068	.033	.009	.067	.032	.009	.064	.031	.009	.062	.031	.009	.059	.030	.009	

rcc	80%			70%			50%			30%			10%			0
rw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
rfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio Ceiling Cavity Exitance Coefficients(CCEC)															
0.0	.159	.159	.159	.136	.136	.136	.093	.093	.093	.053	.053	.053	.017	.017	.017	
1.0	.141	.131	.123	.120	.113	.106	.082	.078	.073	.047	.045	.043	.015	.014	.014	
2.0	.126	.111	.098	.108	.095	.085	.074	.066	.059	.043	.038	.035	.014	.012	.011	
3.0	.113	.094	.079	.097	.081	.069	.067	.057	.048	.039	.033	.028	.012	.011	.009	
4.0	.103	.082	.065	.088	.071	.057	.061	.049	.040	.035	.029	.024	.011	.009	.008	
5.0	.094	.071	.055	.081	.062	.048	.056	.043	.034	.032	.025	.020	.010	.008	.007	
6.0	.087	.063	.046	.074	.055	.040	.051	.038	.028	.030	.023	.017	.010	.007	.006	
7.0	.080	.056	.039	.069	.049	.034	.048	.034	.024	.028	.020	.015	.009	.007	.005	
8.0	.075	.051	.034	.064	.044	.030	.044	.031	.021	.026	.018	.013	.008	.006	.004	
9.0	.070	.046	.030	.060	.040	.026	.042	.028	.018	.024	.017	.011	.008	.005	.004	
10.0	.066	.042	.026	.057	.036	.023	.039	.026	.016	.023	.015	.010	.007	.005	.003	

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:Zoe  
 Test Date:2022-9-6

g Range: 0 - 180DEG  
 g Interval: 1.0DEG  
 Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.416  
 Humidity:65.0%  
 Test Distance:3.160m [K=1.0000]  
 Remarks: LAMP:CXB-1830-0000-000N0US430G Ra:90  
 LENS:PM-1076A 23R  
 DRIVER:PUP40A-1WMC-1200 1050mA  
 30minutes warm-up

UGR(Unified Glare Rating) Table

Test:U:119.88V I:0.3428A P:40.838W PF:0.9926 Freq:59.98Hz Lamp Flux:3963.64x1 lm										
NAME: 2117.456-V-AM					TYPE:			WEIGHT:		
SPEC.:3000K					DIM.:			SERIAL No.:2209060797		
MFR.: RISE					SUR.:0.003115665m2			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	18.7	19.4	18.9	19.5	19.7	18.6	19.3	18.8	19.4	19.6
3H	19.3	19.9	19.5	20.1	20.3	19.2	19.8	19.4	20.0	20.2
4H	19.3	19.9	19.6	20.1	20.3	19.2	19.8	19.5	20.0	20.2
6H	19.2	19.8	19.5	20.0	20.3	19.1	19.7	19.4	19.9	20.2
8H	19.2	19.7	19.5	20.0	20.2	19.1	19.6	19.4	19.9	20.1
12H	19.1	19.7	19.5	19.9	20.2	19.1	19.6	19.4	19.8	20.1
4H 2H	19.1	19.7	19.3	19.9	20.1	19.0	19.6	19.3	19.8	20.0
3H	19.7	20.2	20.0	20.5	20.8	19.6	20.2	20.0	20.4	20.7
4H	19.8	20.2	20.1	20.5	20.8	19.7	20.2	20.0	20.5	20.8
6H	19.7	20.1	20.0	20.4	20.8	19.6	20.0	20.0	20.3	20.7
8H	19.6	20.0	20.0	20.4	20.7	19.5	19.9	19.9	20.3	20.6
12H	19.6	19.9	20.0	20.3	20.7	19.5	19.8	19.9	20.2	20.6
8H 4H	19.7	20.1	20.1	20.4	20.8	19.6	20.0	20.0	20.4	20.7
6H	19.6	19.9	20.0	20.3	20.7	19.5	19.8	19.9	20.2	20.6
8H	19.5	19.8	20.0	20.2	20.7	19.4	19.7	19.9	20.1	20.6
12H	19.5	19.7	19.9	20.1	20.6	19.4	19.6	19.8	20.1	20.5
12H 4H	19.6	20.0	20.0	20.4	20.8	19.6	19.9	20.0	20.3	20.7
6H	19.5	19.8	20.0	20.2	20.7	19.4	19.7	19.9	20.1	20.6
8H	19.5	19.7	19.9	20.1	20.6	19.4	19.6	19.8	20.1	20.5
Variations with the observer position at spacings:										
S = 1.0H	+ 0.3 / - 0.4					+ 0.4 / - 0.4				
1.5H	+ 0.6 / - 0.7					+ 0.5 / - 0.6				
2.0H	+ 0.8 / - 1.6					+ 0.8 / - 1.6				

CIE Pub.117, 3964 lm Total Lamp Luminous Flux Corrected ( $8\log(F/F_0) = 4.8$ )  
Area: 0.00311566 m2

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Zoe  
Test Date:2022-9-6

g Range: 0 - 180DEG  
g Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.416  
Humidity:65.0%  
Test Distance:3.160m [K=1.0000]  
Remarks: LAMP:CXB-1830-0000-000N0US430G Ra:90  
LENS:PM-1076A 23R  
DRIVER:PUP40A-1WMC-1200 1050mA  
30minutes warm-up



### UTILIZATION FACTORS TABLE

Test:U:119.88V I:0.3428A P:40.838W PF:0.9926 Freq:59.98Hz Lamp Flux:3963.64x1 lm		
NAME: 2117.456-V-AM	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2209060797
MFR.: RISE	SUR.:0.003115665m2	Shielding Angle:

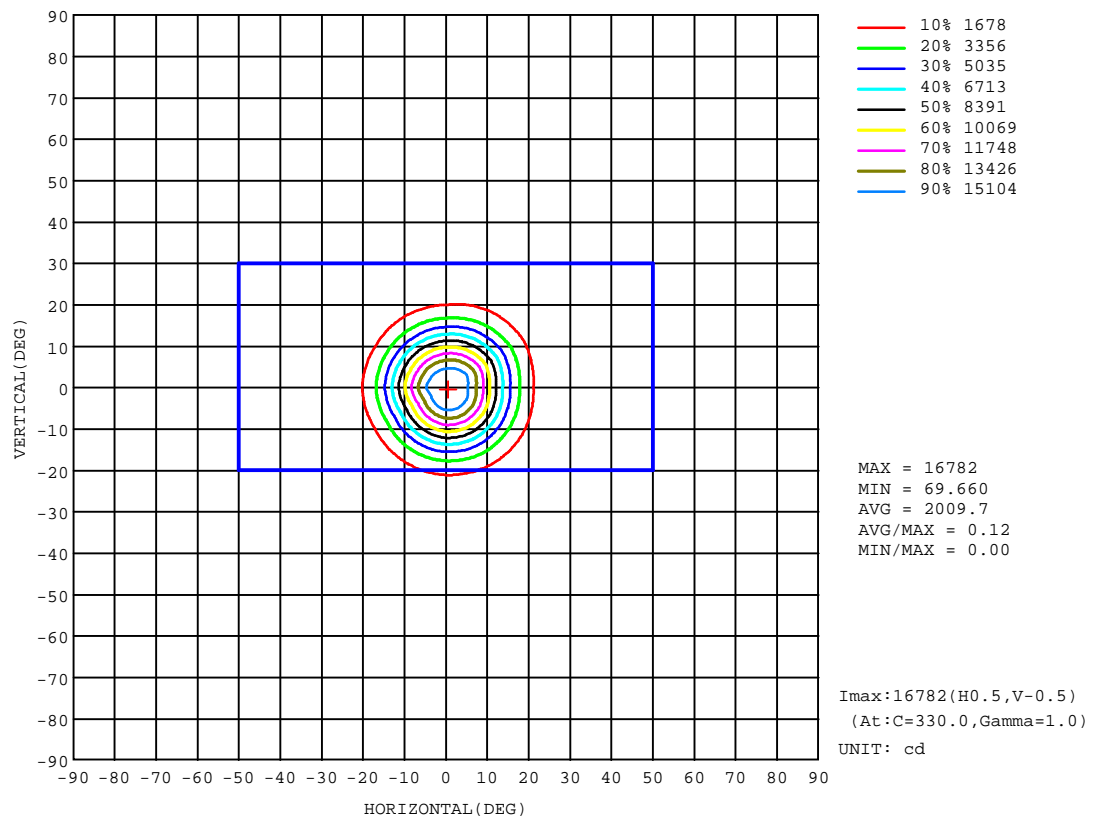
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	73	68	65	73	68	65	72	68	65	62
0.80	79	75	72	79	74	71	78	74	71	68
1.00	83	78	75	82	78	75	81	78	75	72
1.25	86	82	79	85	82	79	84	81	78	75
1.50	88	85	82	87	84	81	86	83	81	77
2.00	91	87	85	89	86	84	87	85	83	78
2.50	92	89	86	91	88	86	88	86	84	79
3.00	93	91	88	92	89	87	89	87	86	80
4.00	95	93	91	93	91	90	90	89	88	82
5.00	96	94	93	94	93	91	91	90	89	83
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:25.3DEG  
 Operators:Zoe  
 Test Date:2022-9-6

g Range: 0 - 180DEG  
 g Interval: 1.0DEG  
 Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.416  
 Humidity:65.0%  
 Test Distance:3.160m [K=1.0000]  
 Remarks: LAMP:CXB-1830-0000-000N0US430G Ra:90  
 LENS:PM-1076A 23R  
 DRIVER:PUP40A-1WMC-1200 1050mA  
 30minutes warm-up

## ISOCANDELA DIAGRAM

Test:U:119.88V I:0.3428A P:40.838W PF:0.9926 Freq:59.98Hz Lamp Flux:3963.64x1 lm		
NAME: 2117.456-V-AM	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2209060797
MFR.: RISE	SUR.:0.003115665m2	Shielding Angle:

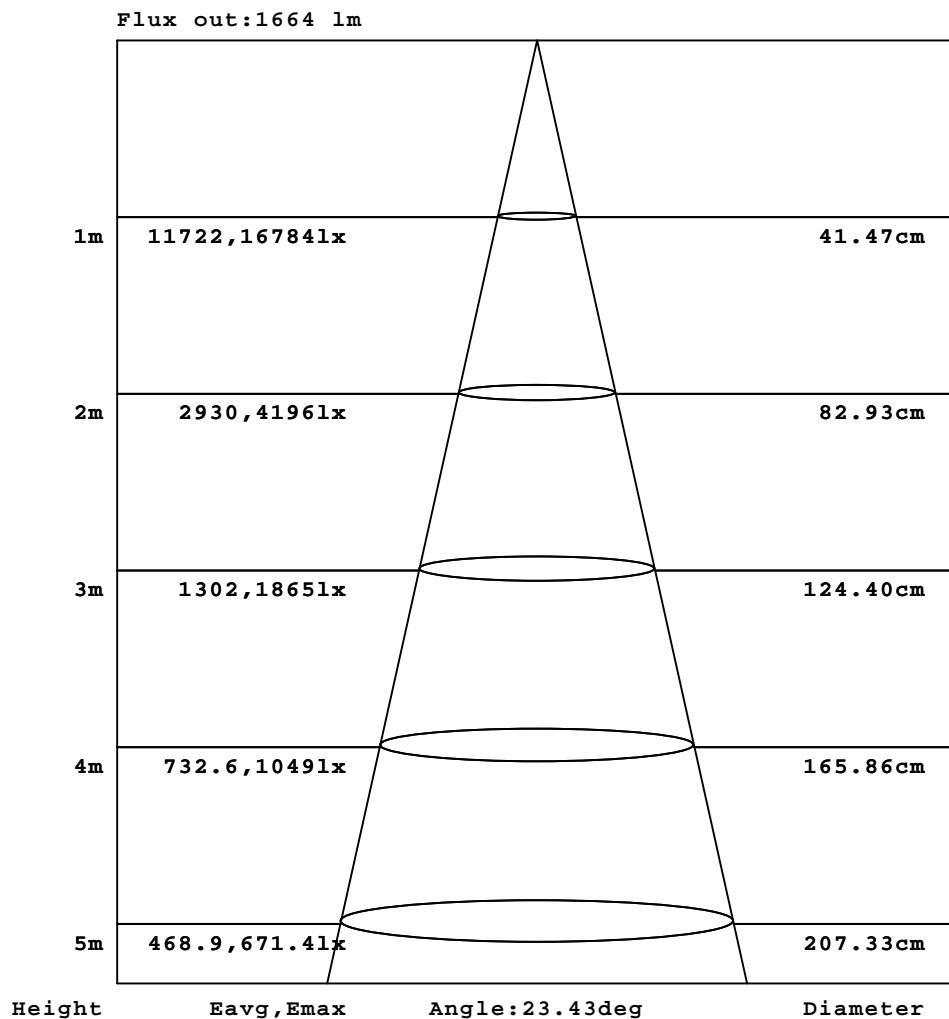


C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Zoe  
Test Date:2022-9-6

g Range: 0 - 180DEG  
Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.416  
Humidity:65.0%  
Test Distance:3.160m [K=1.0000]  
Remarks: LAMP:CXB-1830-0000-000N0US430G Ra:90  
LENS:PM-1076A 23R  
DRIVER:PUP40A-1WMC-1200 1050mA  
30minutes warm-up

## AAI Figure

Test:U:119.88V I:0.3428A P:40.838W PF:0.9926 Freq:59.98Hz Lamp Flux:3963.64x1 lm		
NAME: 2117.456-V-AM	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2209060797
MFR.: RISE	SUR.:0.003115665m2	Shielding Angle:



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

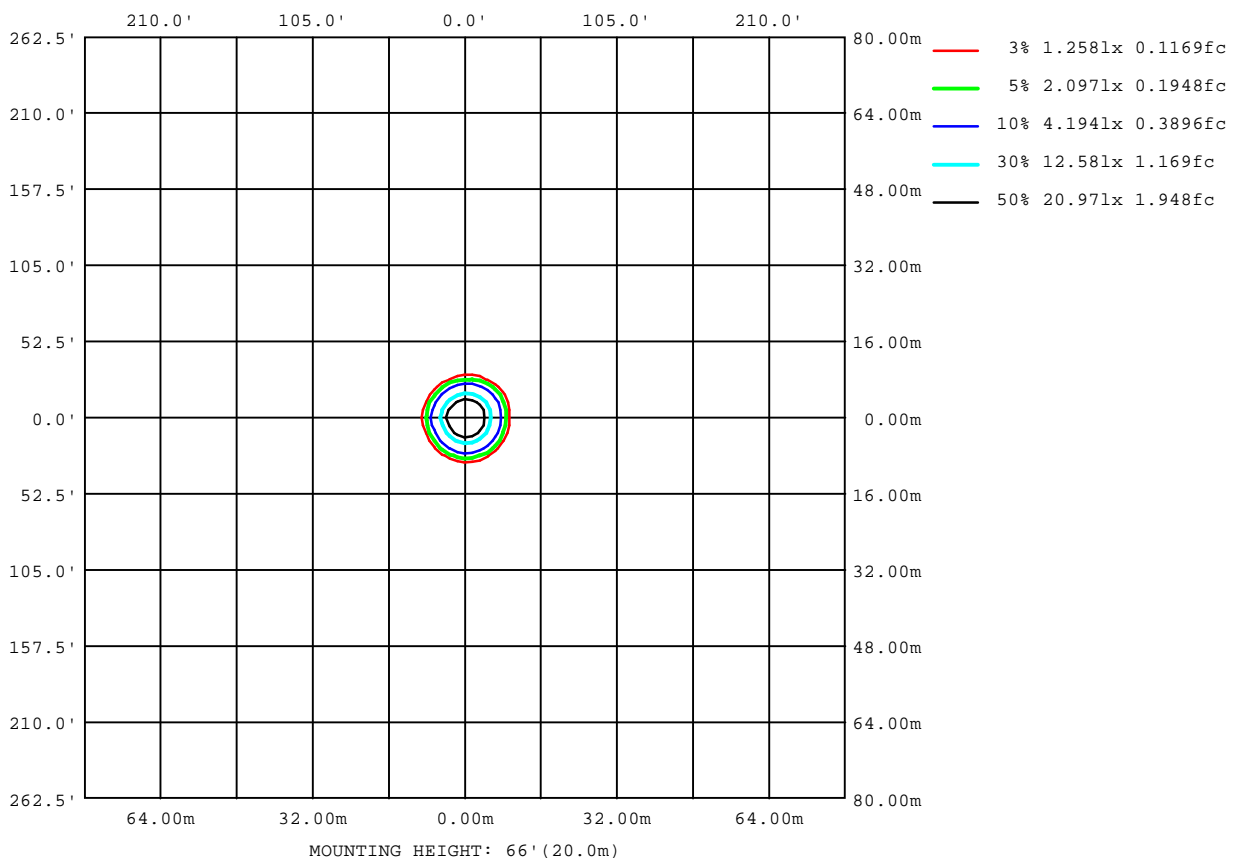
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Zoe  
Test Date:2022-9-6

g Range: 0 - 180DEG  
Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.416  
Humidity:65.0%  
Test Distance:3.160m [K=1.0000]  
Remarks: LAMP:CXB-1830-0000-000N0US430G Ra:90  
LENS:PM-1076A 23R  
DRIVER:PUP40A-1WMC-1200 1050mA  
30minutes warm-up



## ISOLUX DIAGRAM

Test:U:119.88V I:0.3428A P:40.838W PF:0.9926 Freq:59.98Hz Lamp Flux:3963.64x1 lm		
NAME: 2117.456-V-AM	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2209060797
MFR.: RISE	SUR.:0.003115665m2	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Zoe  
Test Date:2022-9-6

g Range: 0 - 180DEG  
g Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.416  
Humidity:65.0%  
Test Distance:3.160m [K=1.0000]  
Remarks: LAMP:CXB-1830-0000-000N0US430G Ra:90  
LENS:PM-1076A 23R  
DRIVER:PUP40A-1WMC-1200 1050mA  
30minutes warm-up

## LED Avg.L Report

Test:U:119.88V I:0.3428A P:40.838W PF:0.9926 Freq:59.98Hz Lamp Flux:3963.64x1 lm		
NAME: 2117.456-V-AM	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2209060797
MFR.: RISE	SUR.:0.003115665m2	Shielding Angle:

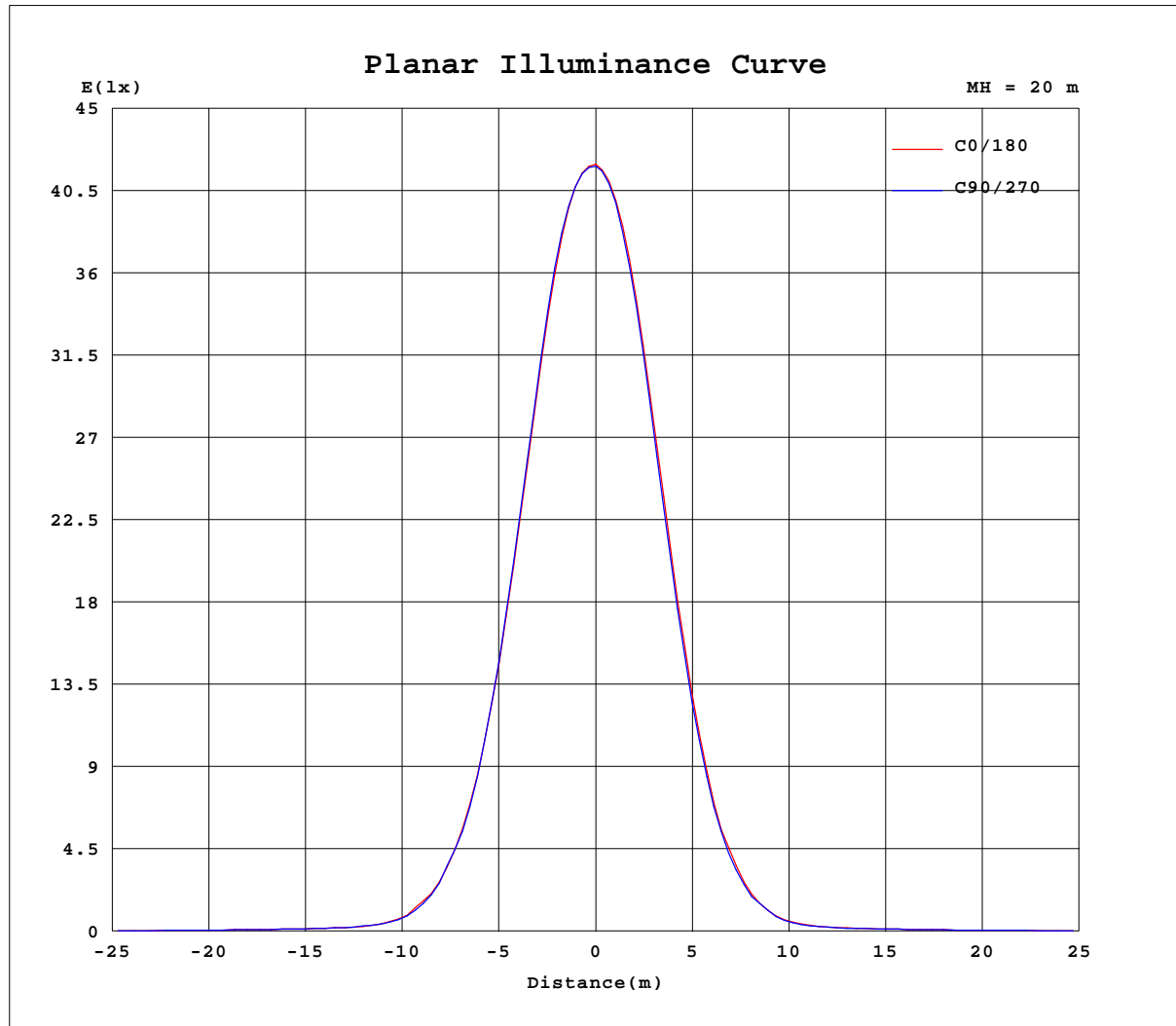
AvgL	cd/m2
L_0~180(65)av	25990
L_0~180(75)av	7763
L_0~180(85)av	1040
L_90~270(65)av	24917
L_90~270(75)av	7745
L_90~270(85)av	974
L_45(65)av	25395
L_45(75)av	7152
L_45(85)av	843

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Zoe  
Test Date:2022-9-6

g Range: 0 - 180DEG  
Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.416  
Humidity:65.0%  
Test Distance:3.160m [K=1.0000]  
Remarks: LAMP:CXB-1830-0000-000N0US430G Ra:90  
LENS:PM-1076A 23R  
DRIVER:PUP40A-1WMC-1200 1050mA  
30minutes warm-up

## Planar Illuminance Curve



C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: Zoe  
 Test Date: 2022-9-6

Range: 0 - 180DEG  
 Interval: 1.0DEG  
 Test System: EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.416  
 Humidity: 65.0%  
 Test Distance: 3.160m [K=1.0000]  
 Remarks: LAMP: CXB-1830-0000-000N0US430G Ra: 90  
 LENS: PM-1076A 23R  
 DRIVER: PUP40A-1WMC-1200 1050mA  
 30minutes warm-up



## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.88V I:0.3428A P:40.838W PF:0.9926 Freq:59.98Hz Lamp Flux:3963.64x1 lm		
NAME: 2117.456-V-AM	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2209060797
MFR.: RISE	SUR.:0.003115665m2	Shielding Angle:

Table--1

UNIT: ×10cd

C(°) g (°)	0	30	60	90	120	150	180	210	240	270	300	330						
0	1675	1675	1675	1675	1675	1675	1675	1675	1675	1675	1675	1675						
5	1532	1560	1562	1545	1498	1448	1484	1457	1453	1472	1517	1571						
10	1067	1105	1109	1081	1006	933	993	948	938	969	1043	1123						
15	554	583	588	558	499	440	479	446	441	465	533	599						
20	217	239	233	218	186	158	175	151	153	163	213	245						
25	69.4	69.5	72.7	62.6	57.3	45.4	47.4	41.6	41.8	44.8	61.9	82.8						
30	21.9	23.6	22.2	22.5	19.5	17.9	18.3	17.1	16.8	17.3	22.0	24.4						
35	13.8	13.8	13.7	13.6	13.3	13.0	12.8	12.6	12.4	12.6	13.6	14.2						
40	11.5	11.5	11.4	11.4	11.4	11.3	11.2	11.0	10.9	10.9	11.6	11.8						
45	10.1	10.1	9.97	10.0	10.1	9.87	9.90	9.71	9.69	9.76	10.3	10.4						
50	9.13	9.14	8.96	9.02	9.00	8.70	8.92	8.75	8.64	8.78	9.23	9.31						
55	7.71	7.70	7.51	7.59	7.52	7.14	7.43	7.25	7.05	7.24	7.70	7.81						
60	6.01	6.12	6.00	6.02	5.73	5.17	5.65	5.36	5.20	5.38	5.99	6.15						
65	3.50	3.50	3.45	3.47	3.39	3.15	3.35	3.15	3.03	3.09	3.50	3.60						
70	2.08	2.08	2.06	2.06	1.94	1.72	1.93	1.75	1.67	1.72	2.11	2.20						
75	0.72	0.82	0.73	0.78	0.52	0.27	0.53	0.42	0.35	0.47	0.73	0.82						
80	0.07	0.07	0.07	0.07	0.06	0.06	0.06	0.06	0.06	0.06	0.07	0.07						
85	0.03	0.03	0.03	0.03	0.02	0.02	0.03	0.02	0.02	0.02	0.02	0.03						
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:25.3DEG  
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Test Date:2022-9-6

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