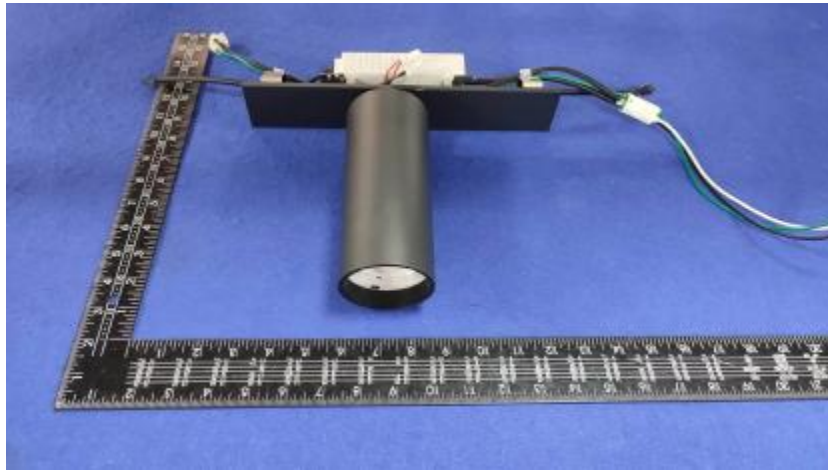


### Luminaire Photograph



Light Output Ratio:	81.2%	
Luminaire Power:	40.82 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: 25.3DEG  
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-1076B 36R  
DRIVER: PUP40A-1WMC-1200 1050mA  
30minutes warm-up

## LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

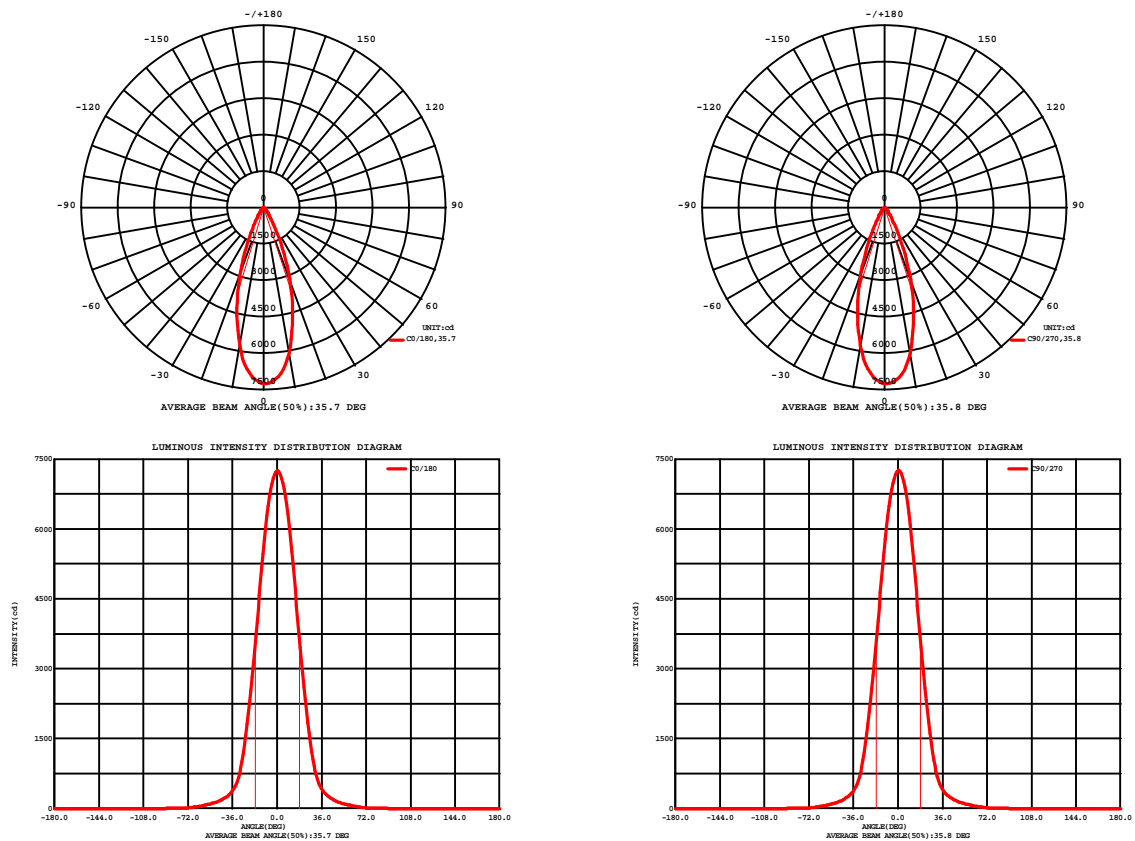


Fig. C0/C180

Fig. C90/C270

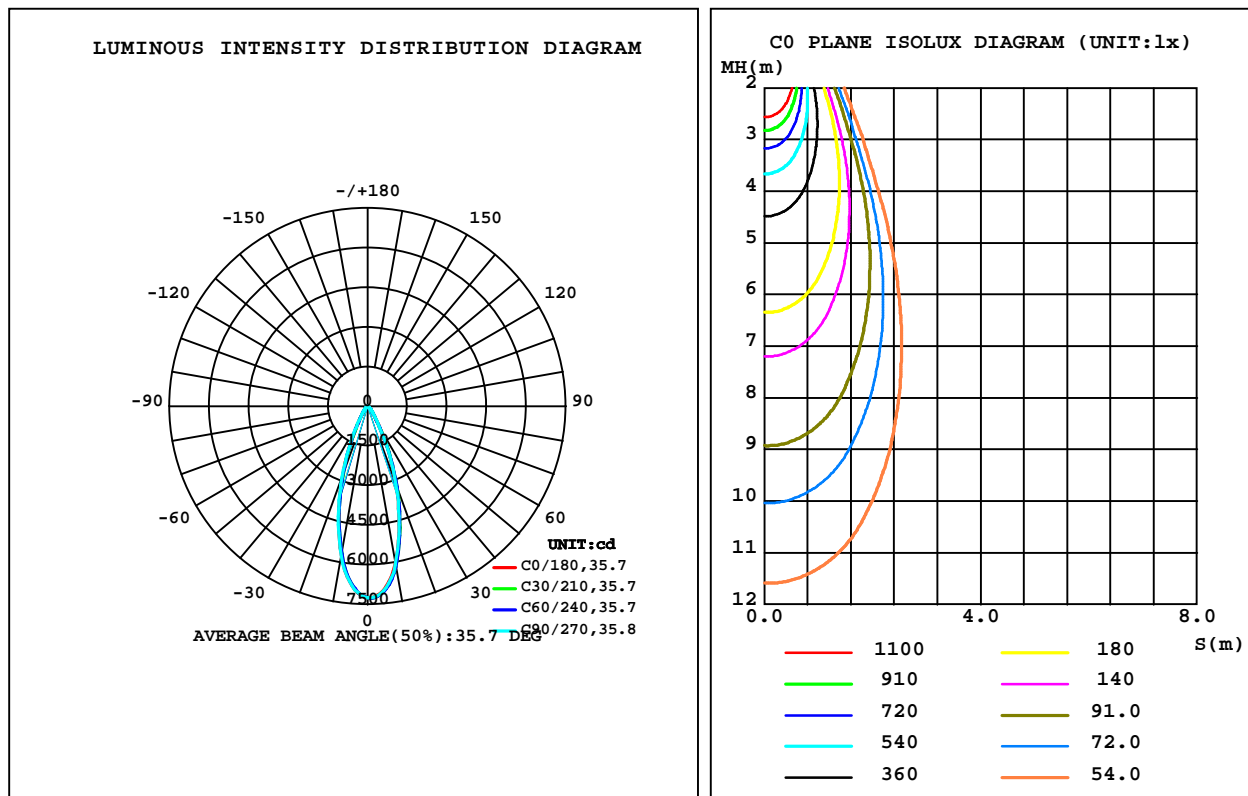
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Zoe  
Test Date: 2022-9-6

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-1076B 36R  
DRIVER: PUP40A-1WMC-1200 1050mA  
30minutes warm-up

## LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:119.89V I:0.3426A P:40.816W PF:0.9926 Freq:59.98Hz Lamp Flux:3963.64x1 lm		
NAME: 2117.456-V-AM	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2209060798
MFR.: RISE	SUR.:0.003115665m2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 78.81 lm/W			
MODEL	CREE	I <sub>max</sub> (cd)	7262	S/MH(C0/180)	0.57
NOMINAL POWER(W)	41	LOR(%)	81.2	S/MH(C90/270)	0.57
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	3216.7	h UP,DN(C0-180)	0.0,41.6
NOMINAL FLUX(lm)	3963.64	CIE CLASS	DIRECT	h UP,DN(C180-360)	0.0,39.5
LAMPS INSIDE	1	h up(%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	120	h down(%)	81.2	CIBSE SHR MAX	0.60



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-1076B 36R  
DRIVER:PUP40A-1WMC-1200 1050mA  
30minutes warm-up

## ZONAL FLUX DIAGRAM

### ZONAL FLUX DIAGRAM:

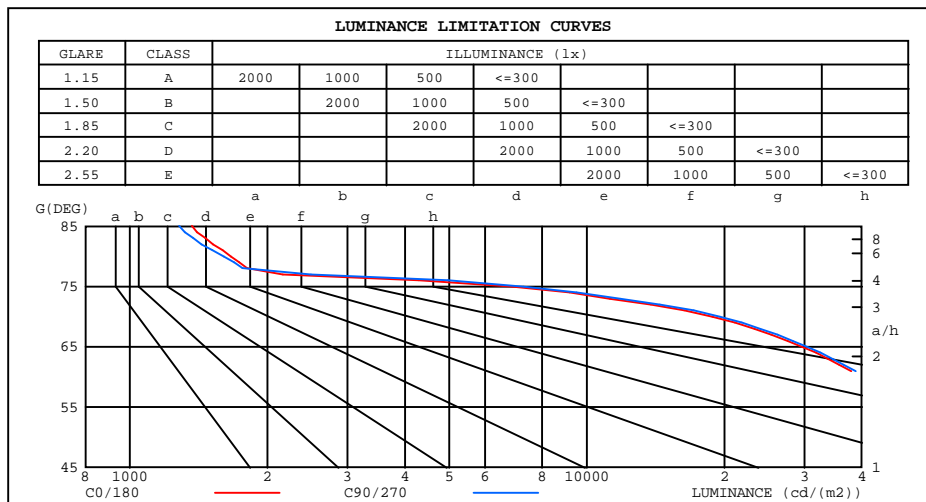
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum,lamp
10	6068	6175	6093	5763	5746	5676	5782	6045	0- 10	628.8	628.8	19.5,15.9
20	3159	3259	3158	2849	2827	2764	2853	3142	10- 20	1222	1851	57.5,46.7
30	912.2	946.5	907.2	779.3	762.7	732.8	779.0	895.2	20- 30	795.2	2646	82.3,66.8
40	292.9	291.3	284.3	263.3	259.2	248.8	256.3	285.9	30- 40	296.8	2943	91.5,74.3
50	136.3	138.4	136.5	127.7	127.0	122.5	123.5	134.1	40- 50	146.6	3090	96.1,78
60	62.85	64.85	64.24	59.21	58.94	55.65	56.02	62.02	50- 60	82.51	3172	98.6,80
70	20.04	21.12	20.87	17.85	17.80	15.79	16.02	19.82	60- 70	37.46	3210	99.8,81
80	0.9016	0.8851	0.8697	0.7662	0.7476	0.6824	0.7423	0.8538	70- 80	6.643	3216	100,81.1
90	0	0	0	0	0	0	0	0	80- 90	0.3765	3217	100,81.2
100	0	0	0	0	0	0	0	0	90-100	0	3217	100,81.2
110	0	0	0	0	0	0	0	0	100-110	0	3217	100,81.2
120	0	0	0	0	0	0	0	0	110-120	0	3217	100,81.2
130	0	0	0	0	0	0	0	0	120-130	0	3217	100,81.2
140	0	0	0	0	0	0	0	0	130-140	0	3217	100,81.2
150	0	0	0	0	0	0	0	0	140-150	0	3217	100,81.2
160	0	0	0	0	0	0	0	0	150-160	0	3217	100,81.2
170	0	0	0	0	0	0	0	0	160-170	0	3217	100,81.2
180	0	0	0	0	0	0	0	0	170-180	0	3217	100,81.2
DEG	LUMINOUS INTENSITY:cd									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-1076B 36R  
DRIVER:PUP40A-1WMC-1200 1050mA  
30minutes warm-up

### LUMINANCE LIMITATION CURVES

Test:U:119.89V I:0.3426A P:40.816W PF:0.9926 Freq:59.98Hz Lamp Flux:3963.64x1 lm		
NAME: 2117.456-V-AM	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2209060798
MFR.: RISE	SUR.:0.003115665m2	Shielding Angle:



LUMINANCE cd/(m2)		
G(180)	C0/180	C90/270
85	1367	1284
80	1667	1607
75	6893	7269
70	18811	19583
65	29615	30398
60	40358	41227
55	52675	53500
50	68103	68141
45	88489	86985

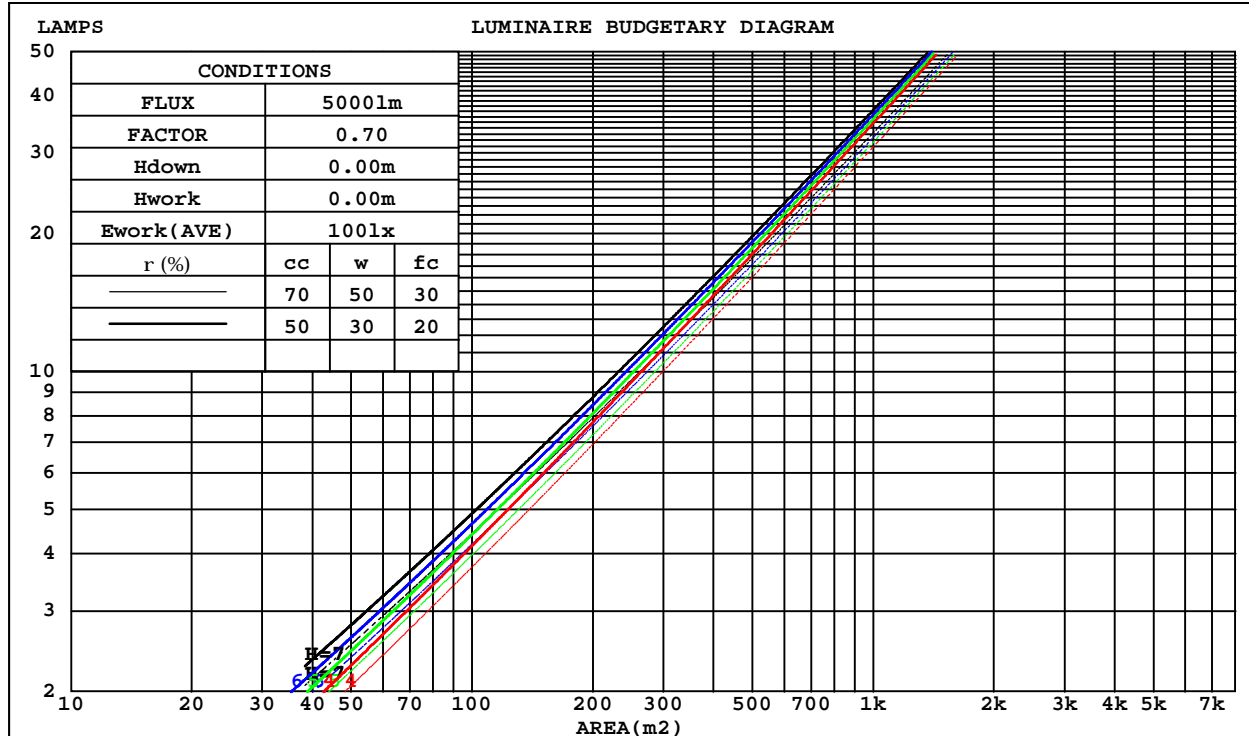
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Zoe  
Test Date:2022-9-6

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-1076B 36R  
DRIVER:PUP40A-1WMC-1200 1050mA  
30minutes warm-up

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:119.89V I:0.3426A P:40.816W PF:0.9926 Freq:59.98Hz Lamp Flux:3963.64x1 lm		
NAME: 2117.456-V-AM	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2209060798
MFR.: RISE	SUR.:0.003115665m2	Shielding Angle:

rcc	80%			70%			50%			30%			10%			0
r <sub>w</sub>	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
r <sub>fc</sub>	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio			Coefficients of Utilization(CU)												
0.0	.97	.97	.97	.94	.94	.94	.90	.90	.90	.86	.86	.86	.83	.83	.83	.81
1.0	.90	.89	.87	.89	.87	.86	.85	.84	.83	.82	.81	.80	.80	.79	.78	.77
2.0	.85	.82	.79	.83	.81	.78	.81	.79	.77	.78	.77	.75	.76	.75	.74	.72
3.0	.80	.76	.73	.79	.75	.73	.77	.74	.72	.75	.72	.70	.73	.71	.69	.68
4.0	.75	.71	.68	.75	.71	.68	.73	.70	.67	.71	.69	.66	.70	.67	.66	.64
5.0	.71	.67	.64	.71	.67	.64	.69	.66	.63	.68	.65	.63	.67	.64	.62	.61
6.0	.68	.64	.61	.67	.63	.60	.66	.63	.60	.65	.62	.60	.64	.61	.59	.58
7.0	.65	.60	.57	.64	.60	.57	.63	.60	.57	.62	.59	.57	.61	.59	.56	.55
8.0	.62	.58	.55	.61	.57	.54	.61	.57	.54	.60	.56	.54	.59	.56	.54	.53
9.0	.59	.55	.52	.59	.55	.52	.58	.54	.52	.57	.54	.52	.57	.54	.51	.51
10.0	.57	.53	.50	.56	.52	.50	.56	.52	.50	.55	.52	.50	.55	.52	.49	.48



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-1076B 36R  
DRIVER:PUP40A-1WMC-1200 1050mA  
30minutes warm-up

### WEC AND CCEC

Test:U:119.89V I:0.3426A P:40.816W PF:0.9926 Freq:59.98Hz Lamp Flux:3963.64x1 lm		
NAME: 2117.456-V-AM	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2209060798
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	.134	.076	.024	.129	.073	.023	.118	.068	.022	.109	.063	.020	.100	.058	.019	
2.0	.127	.070	.021	.123	.068	.021	.114	.064	.020	.106	.060	.019	.099	.056	.018	
3.0	.120	.064	.019	.116	.062	.019	.109	.059	.018	.103	.056	.017	.096	.053	.017	
4.0	.114	.059	.017	.110	.058	.017	.104	.055	.017	.099	.053	.016	.093	.051	.015	
5.0	.108	.055	.016	.105	.054	.016	.100	.052	.015	.095	.050	.015	.090	.048	.014	
6.0	.102	.051	.015	.100	.050	.015	.095	.049	.014	.091	.047	.014	.087	.046	.014	
7.0	.097	.048	.014	.095	.047	.014	.091	.046	.013	.087	.045	.013	.084	.043	.013	
8.0	.093	.045	.013	.091	.045	.013	.087	.044	.012	.084	.042	.012	.081	.041	.012	
9.0	.089	.043	.012	.087	.042	.012	.084	.041	.012	.081	.040	.012	.078	.040	.011	
10.0	.085	.041	.011	.083	.040	.011	.081	.039	.011	.078	.039	.011	.075	.038	.011	

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	.155	.155	.155	.132	.132	.132	.090	.090	.090	.052	.052	.052	.017	.017	.017	
1.0	.138	.128	.118	.118	.110	.102	.081	.075	.070	.047	.044	.041	.015	.014	.013	
2.0	.125	.108	.093	.107	.093	.080	.073	.064	.056	.042	.037	.033	.014	.012	.011	
3.0	.114	.092	.074	.098	.079	.064	.067	.055	.045	.039	.032	.027	.013	.010	.009	
4.0	.105	.080	.061	.091	.069	.053	.062	.048	.037	.036	.028	.022	.012	.009	.007	
5.0	.098	.070	.050	.084	.061	.044	.058	.043	.031	.034	.025	.018	.011	.008	.006	
6.0	.091	.063	.042	.079	.054	.037	.054	.038	.026	.031	.022	.015	.010	.007	.005	
7.0	.086	.056	.036	.074	.049	.031	.051	.034	.022	.030	.020	.013	.010	.007	.004	
8.0	.081	.051	.031	.070	.044	.027	.048	.031	.019	.028	.018	.011	.009	.006	.004	
9.0	.076	.047	.027	.066	.041	.023	.046	.029	.017	.027	.017	.010	.009	.006	.003	
10.0	.073	.043	.023	.063	.037	.020	.043	.026	.014	.025	.016	.009	.008	.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  
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-1076B 36R  
DRIVER:PUP40A-1WMC-1200 1050mA  
30minutes warm-up

## UGR(Unified Glare Rating) Table

Test:U:119.89V I:0.3426A P:40.816W PF:0.9926 Freq:59.98Hz Lamp Flux:3963.64x1 lm										
NAME: 2117.456-V-AM					TYPE:			WEIGHT:		
SPEC.:3000K					DIM.:			SERIAL No.:2209060798		
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	22.3	23.1	22.5	23.3	23.4	22.2	23.1	22.4	23.2	23.4
3H	22.4	23.2	22.7	23.4	23.6	22.4	23.1	22.6	23.3	23.5
4H	22.4	23.1	22.6	23.3	23.5	22.3	23.1	22.6	23.3	23.5
6H	22.3	23.0	22.6	23.2	23.5	22.2	22.9	22.5	23.2	23.4
8H	22.2	22.9	22.5	23.2	23.4	22.2	22.9	22.5	23.1	23.4
12H	22.2	22.8	22.5	23.1	23.4	22.1	22.8	22.5	23.0	23.3
4H 2H	22.3	23.1	22.6	23.3	23.5	22.3	23.0	22.5	23.2	23.4
3H	22.5	23.2	22.8	23.4	23.7	22.5	23.1	22.8	23.4	23.7
4H	22.5	23.1	22.8	23.4	23.7	22.4	23.0	22.8	23.3	23.6
6H	22.4	22.9	22.7	23.2	23.6	22.3	22.8	22.7	23.2	23.5
8H	22.3	22.8	22.7	23.2	23.5	22.3	22.8	22.7	23.1	23.5
12H	22.3	22.7	22.7	23.1	23.5	22.2	22.7	22.6	23.0	23.4
8H 4H	22.4	22.8	22.7	23.2	23.5	22.3	22.8	22.7	23.1	23.5
6H	22.2	22.6	22.7	23.0	23.4	22.2	22.6	22.6	23.0	23.4
8H	22.2	22.5	22.6	23.0	23.4	22.1	22.5	22.6	22.9	23.3
12H	22.1	22.4	22.6	22.9	23.3	22.1	22.4	22.6	22.8	23.3
12H 4H	22.3	22.7	22.7	23.1	23.5	22.3	22.7	22.7	23.1	23.4
6H	22.2	22.5	22.6	23.0	23.4	22.1	22.5	22.6	22.9	23.3
8H	22.1	22.4	22.6	22.9	23.3	22.1	22.4	22.6	22.8	23.3
Variations with the observer position at spacings:										
S = 1.0H	+ 1.4 / - 2.1					+ 1.3 / - 2.0				
1.5H	+ 2.0 / - 1.2					+ 1.9 / - 1.1				
2.0H	+ 2.2 / - 2.1					+ 2.1 / - 2.2				

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-1076B 36R  
DRIVER:PUP40A-1WMC-1200 1050mA  
30minutes warm-up



## UTILIZATION FACTORS TABLE

Test:U:119.89V I:0.3426A P:40.816W PF:0.9926 Freq:59.98Hz Lamp Flux:3963.64x1 lm		
NAME: 2117.456-V-AM	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2209060798
MFR.: RISE	SUR.:0.003115665m2	Shielding Angle:

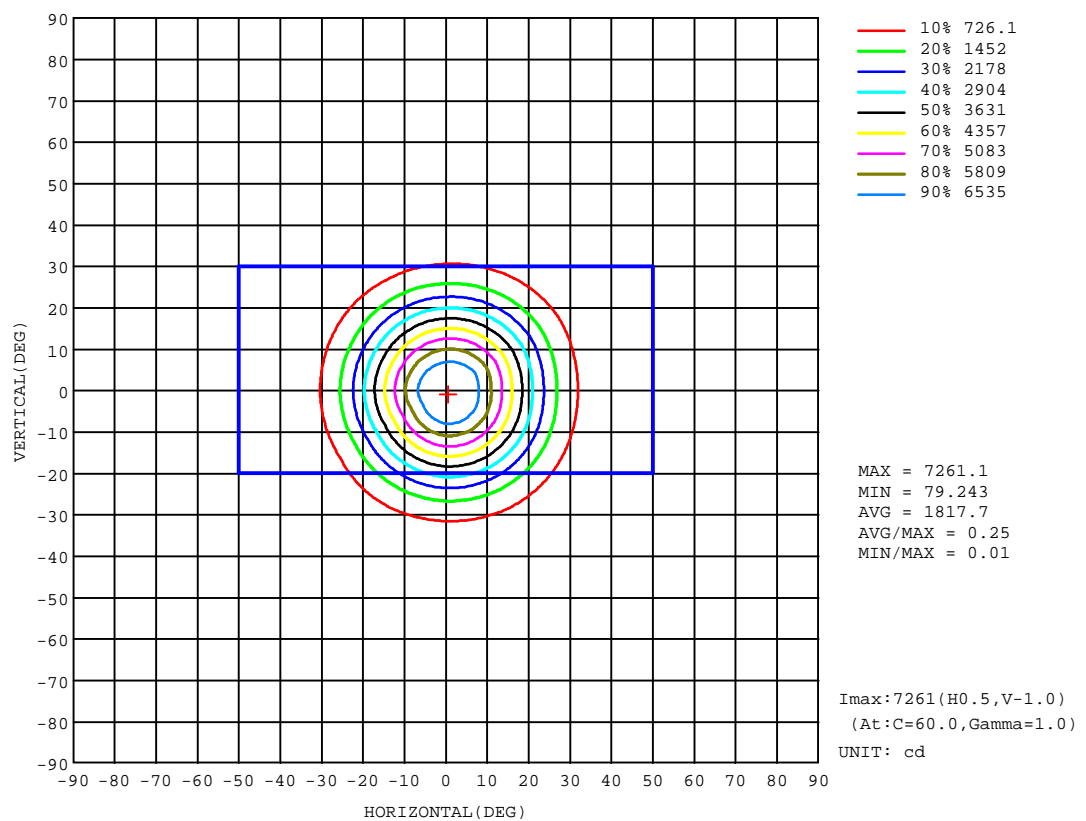
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	70	65	61	69	64	61	69	64	61	58
0.80	76	71	68	76	71	68	75	70	68	65
1.00	80	75	72	79	75	72	78	75	71	68
1.25	83	79	76	82	78	76	81	77	75	72
1.50	85	82	79	84	81	78	83	80	77	74
2.00	88	84	82	87	83	81	84	82	80	76
2.50	89	86	84	88	85	83	85	83	81	76
3.00	91	88	85	89	87	85	86	84	83	78
4.00	92	90	88	91	89	87	88	86	85	79
5.00	93	91	90	92	90	89	88	87	86	80
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-1076B 36R  
DRIVER:PUP40A-1WMC-1200 1050mA  
30minutes warm-up

## ISOCANDELA DIAGRAM

Test:U:119.89V I:0.3426A P:40.816W PF:0.9926 Freq:59.98Hz Lamp Flux:3963.64x1 lm		
NAME: 2117.456-V-AM	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2209060798
MFR.: RISE	SUR.:0.003115665m2	Shielding Angle:

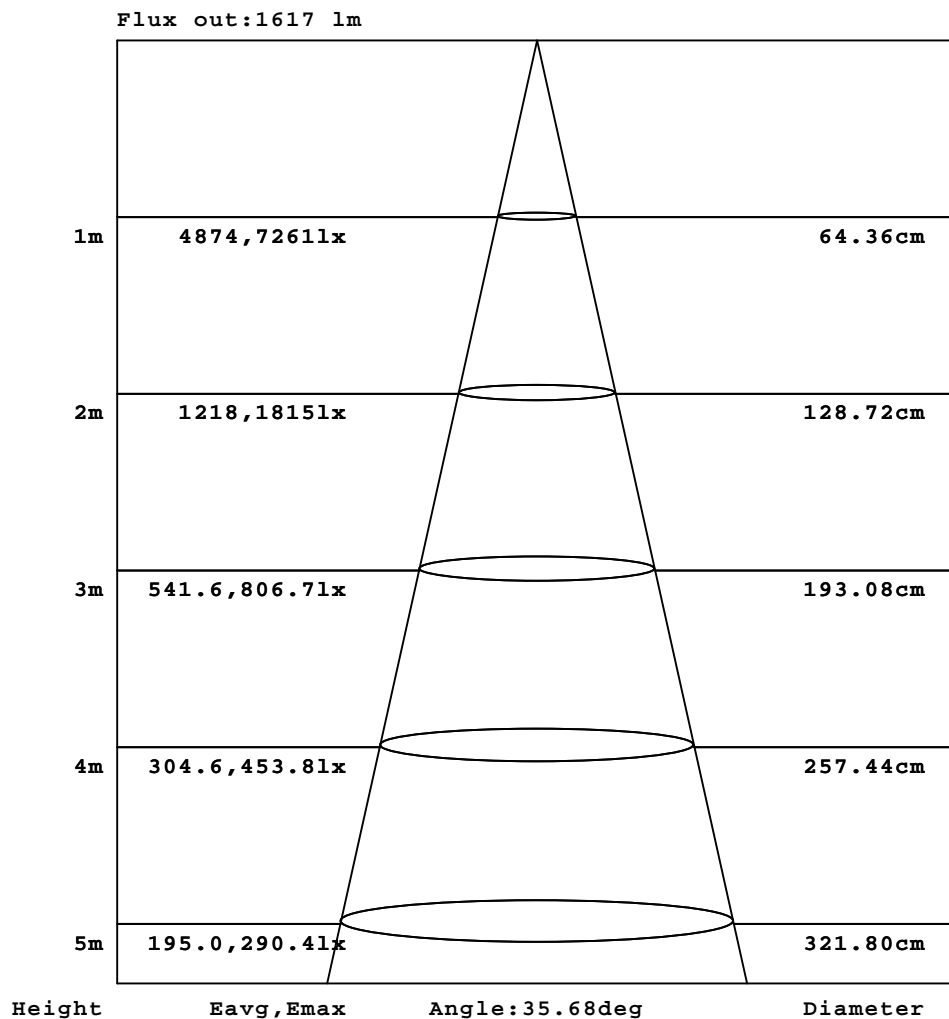


C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Zoe  
Test Date:2022-9-6

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-1076B 36R  
DRIVER:PUP40A-1WMC-1200 1050mA  
30minutes warm-up

## AAI Figure

Test:U:119.89V I:0.3426A P:40.816W PF:0.9926 Freq:59.98Hz Lamp Flux:3963.64x1 lm		
NAME: 2117.456-V-AM	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2209060798
MFR.: RISE	SUR.:0.003115665m2	Shielding Angle:



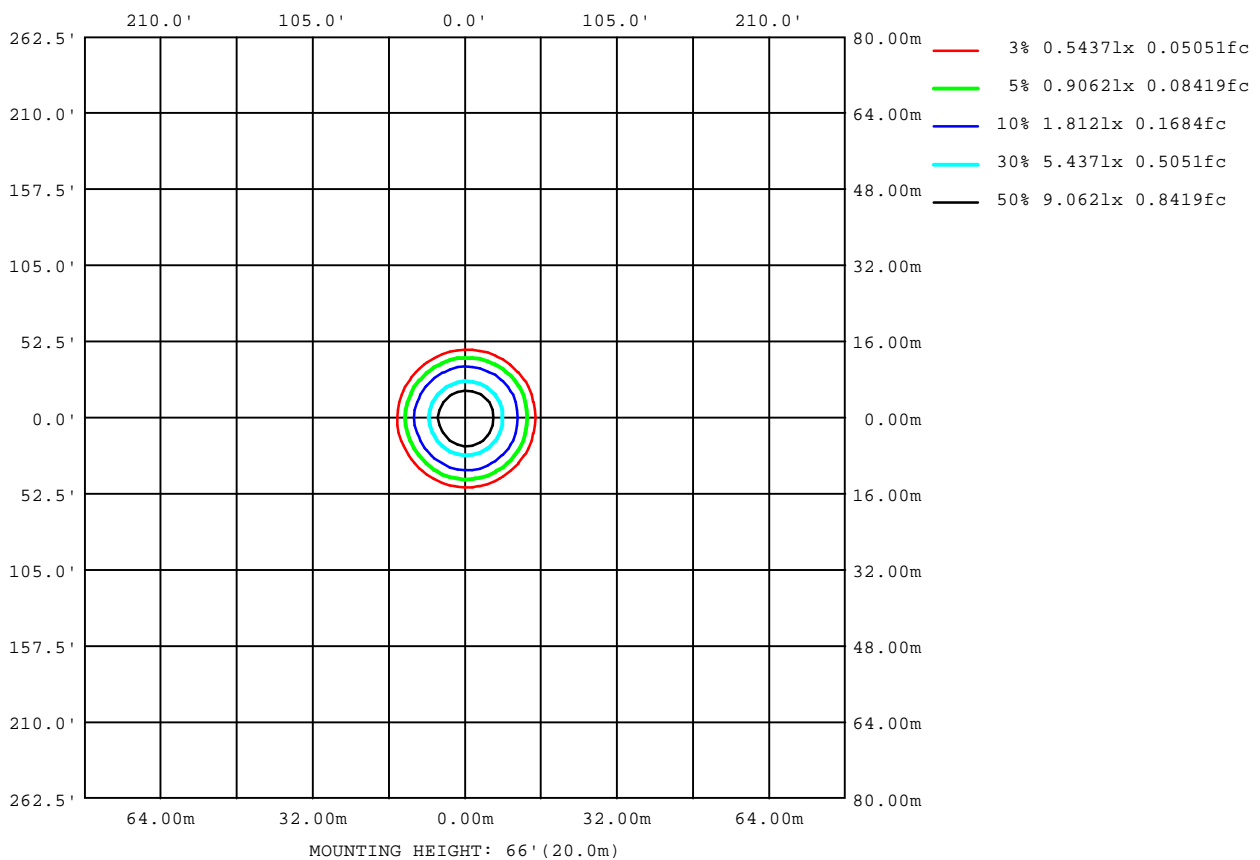
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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-1076B 36R  
DRIVER:PUP40A-1WMC-1200 1050mA  
30minutes warm-up

## ISOLUX DIAGRAM

Test:U:119.89V I:0.3426A P:40.816W PF:0.9926 Freq:59.98Hz Lamp Flux:3963.64x1 lm		
NAME: 2117.456-V-AM	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2209060798
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-1076B 36R  
DRIVER:PUP40A-1WMC-1200 1050mA  
30minutes warm-up

## LED Avg.L Report

Test:U:119.89V I:0.3426A P:40.816W PF:0.9926 Freq:59.98Hz Lamp Flux:3963.64x1 lm		
NAME: 2117.456-V-AM	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2209060798
MFR.: RISE	SUR.:0.003115665m2	Shielding Angle:

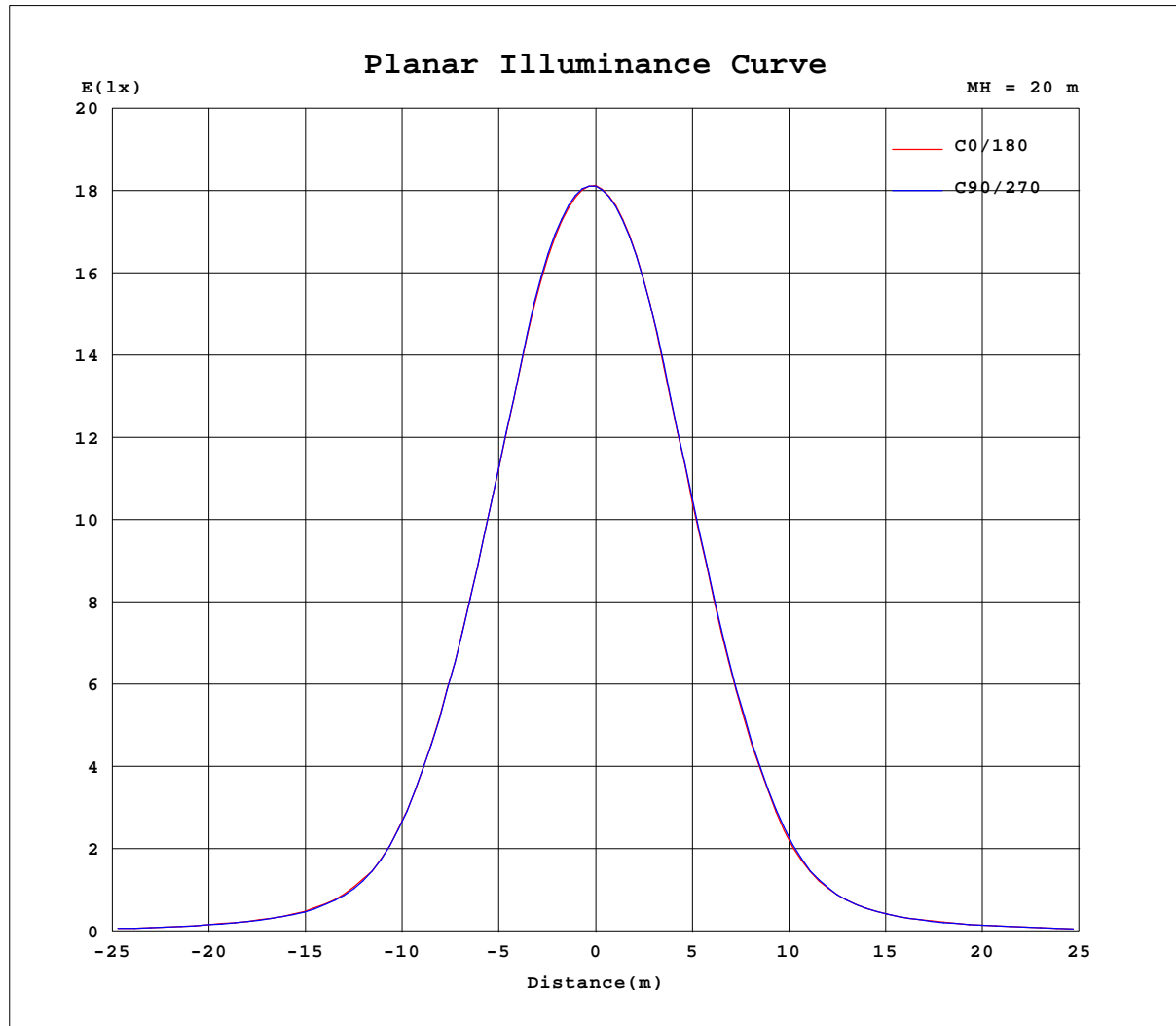
AvgL	cd/m2
L_0~180(65)av	28602
L_0~180(75)av	5745
L_0~180(85)av	1199
L_90~270(65)av	28038
L_90~270(75)av	5727
L_90~270(85)av	1150
L_45(65)av	28300
L_45(75)av	5587
L_45(85)av	1083

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-1076B 36R  
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

deg 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-1076B 36R  
 DRIVER: PUP40A-1WMC-1200 1050mA  
 30minutes warm-up



## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.89V I:0.3426A P:40.816W PF:0.9926 Freq:59.98Hz Lamp Flux:3963.64x1 lm		
NAME: 2117.456-V-AM	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2209060798
MFR.: RISE	SUR.:0.003115665m2	Shielding Angle:

Table--1

UNIT: cd

C(°) g (°)	0	30	60	90	120	150	180	210	240	270	300	330						
0	7247	7247	7247	7247	7247	7247	7247	7247	7247	7247	7247	7247						
5	6986	7041	7047	7009	6914	6808	6841	6798	6795	6835	6918	7015						
10	6068	6175	6176	6093	5873	5653	5746	5672	5679	5782	5951	6139						
15	4653	4768	4758	4657	4426	4190	4290	4207	4215	4317	4523	4728						
20	3159	3263	3255	3158	2955	2743	2827	2756	2771	2853	3039	3245						
25	1838	1960	1919	1853	1663	1521	1569	1501	1538	1596	1773	1915						
30	912	961	932	907	835	724	763	742	724	779	858	933						
35	487	499	487	474	440	405	415	395	399	413	459	498						
40	293	294	289	284	271	255	259	248	249	256	276	296						
45	195	200	194	192	185	177	179	172	171	174	185	197						
50	136	140	137	137	131	125	127	123	122	124	131	138						
55	94.1	96.9	96.2	95.6	91.5	87.2	89.0	85.9	85.4	86.3	90.8	95.3						
60	62.8	65.1	64.6	64.2	61.2	57.3	58.9	56.2	55.2	56.0	60.3	63.7						
65	39.0	40.4	40.3	40.0	37.9	35.1	36.3	34.1	33.3	33.8	37.2	39.8						
70	20.0	21.2	21.0	20.9	19.0	16.7	17.8	16.0	15.5	16.0	18.9	20.7						
75	5.56	6.08	6.25	5.86	4.62	2.79	3.71	3.04	2.92	3.37	4.54	5.90						
80	0.90	0.89	0.88	0.87	0.80	0.73	0.75	0.68	0.68	0.74	0.81	0.90						
85	0.37	0.35	0.35	0.35	0.29	0.25	0.28	0.23	0.24	0.28	0.31	0.36						
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  
Operators:Zoe  
Test Date:2022-9-6

g Range: 0 - 180DEG  
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