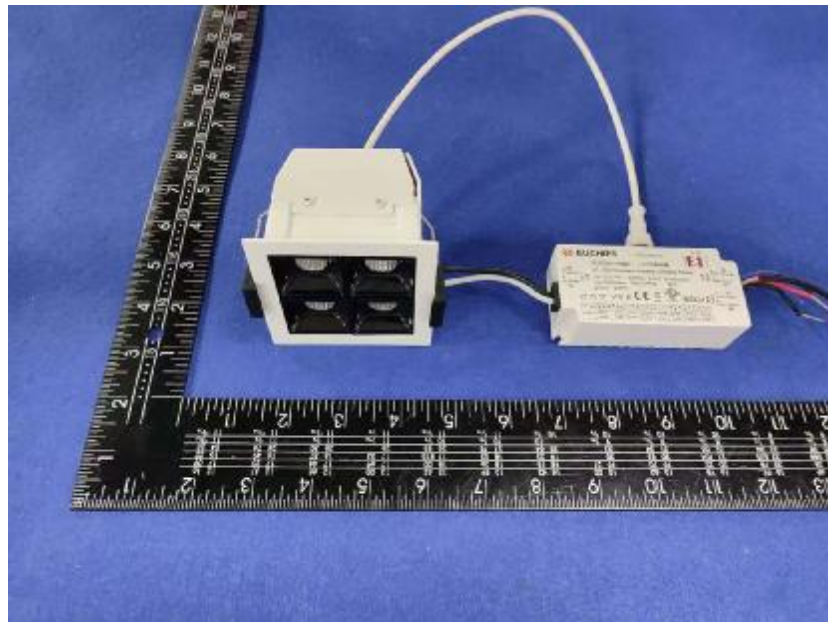


Luminaire Photograph



Light Output Ratio:	71.3%	
Luminaire Power:	10.51 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: 2021-6-3

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: GWCSSRM2.CM-M3M5-XX37-1 Ra: 90
REFLECTOR: PM-1056A 30R
DRIVER: PUP20A-1WMC 700mA
30minutes warm-up

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

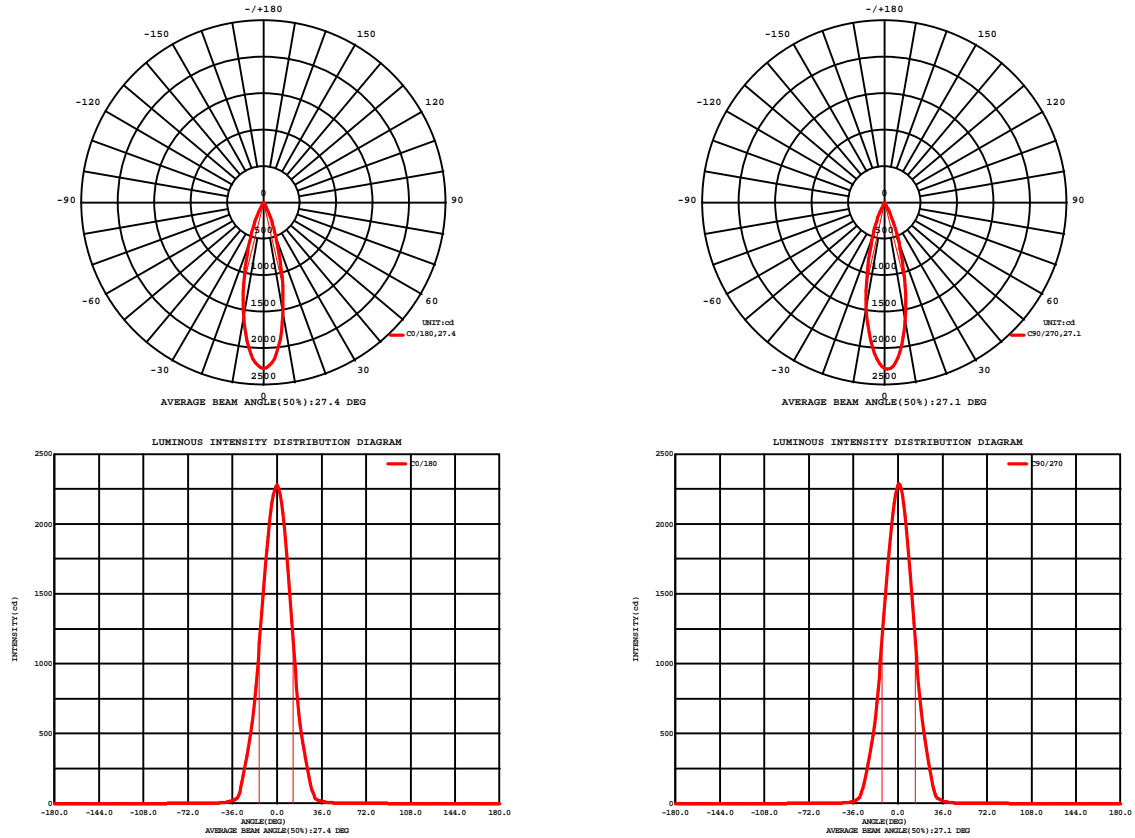


Fig. C0/C180

Fig. C90/C270

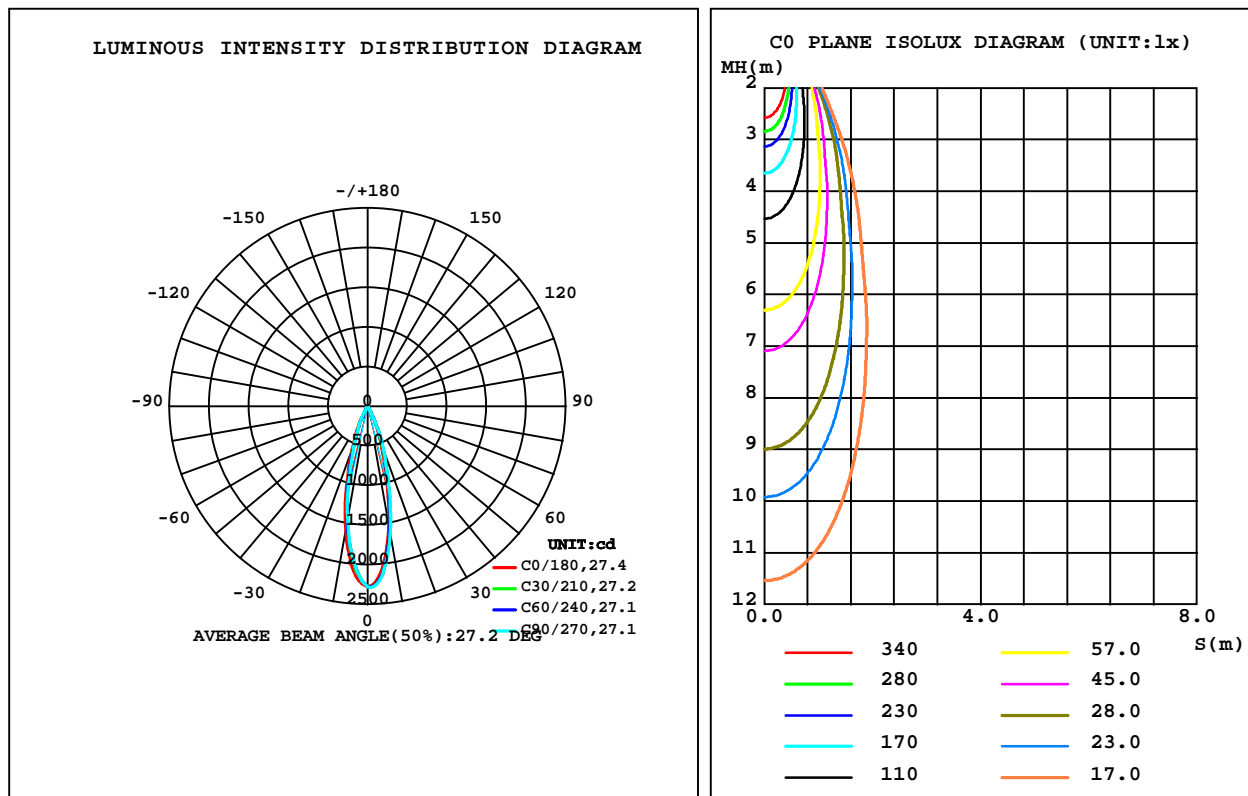
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Zoe
Test Date: 2021-6-3

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: GWCSSRM2.CM-M3M5-XX37-1 Ra: 90
REFLECTOR: PM-1056A 30R
DRIVER: PUP20A-1WMC 700mA
30minutes warm-up

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:119.92V I:0.0891A P:10.510W PF:0.9814 Freq:59.98Hz Lamp Flux:830x1 lm		
NAME: 1814.413-AM	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2106030351
MFR.: RISE	SUR.:0.0036m2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 56.28 lm/W			
MODEL	OSLON	I _{max} (cd)	2285	S/MH(C0/180)	0.47
NOMINAL POWER(W)	10	LOR(%)	71.3	S/MH(C90/270)	0.43
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	591.51	h UP,DN(C0-180)	0.0,37.1
NOMINAL FLUX(lm)	830	CIE CLASS	DIRECT	h UP,DN(C180-360)	0.0,34.2
LAMPS INSIDE	1	h up(%)	0.0	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	120	h down(%)	71.3	CIBSE SHR MAX	1.00



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Zoe
 Test Date:2021-6-3

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:GWCSSRM2.CM-M3M5-XX37-1 Ra:90
 REFLECTOR:PM-1056A 30R
 DRIVER: PUP20A-1WMC 700mA
 30minutes warm-up

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

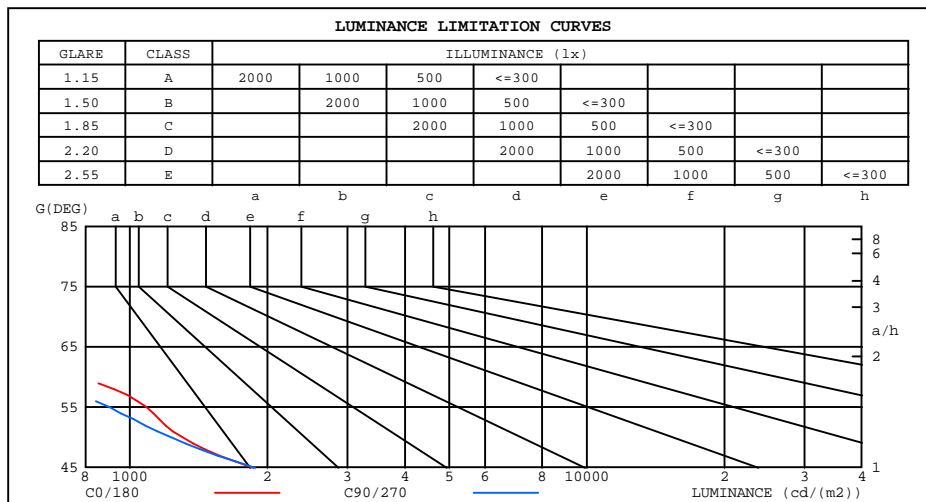
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum, lamp
10	1547	1617	1646	1654	1600	1492	1473	1498	0- 10	181.2	181.2	30.6,21.8
20	495.5	560.1	594.0	580.0	574.8	523.0	485.4	471.0	10- 20	269.3	450.4	76.1,54.3
30	58.44	66.78	68.23	79.31	79.11	69.51	65.43	55.58	20- 30	118.6	569.0	96.2,68.6
40	9.105	10.85	9.171	11.67	10.17	9.242	7.246	8.694	30- 40	15.57	584.5	98.8,70.4
50	3.039	3.501	2.845	3.510	3.020	3.420	2.802	3.278	40- 50	4.342	588.9	99.6,71
60	1.420	1.495	1.121	1.362	1.413	1.472	0.9334	1.323	50- 60	1.988	590.9	99.9,71.2
70	0.0073	0.0604	0.0048	0.0334	0.0040	0.0028	0.0000	0	60- 70	0.6227	591.5	100,71.3
80	0.0068	0.0011	0.0037	0	0.0070	0.0003	0.0022	0.0000	70- 80	0.0031	591.5	100,71.3
90	0	0	0	0	0	0	0	0	80- 90	0.0018	591.5	100,71.3
100	0	0	0	0	0	0	0	0	90-100	0	591.5	100,71.3
110	0	0	0	0	0	0	0	0	100-110	0	591.5	100,71.3
120	0	0	0	0	0	0	0	0	110-120	0	591.5	100,71.3
130	0	0	0	0	0	0	0	0	120-130	0	591.5	100,71.3
140	0	0	0	0	0	0	0	0	130-140	0	591.5	100,71.3
150	0	0	0	0	0	0	0	0	140-150	0	591.5	100,71.3
160	0	0	0	0	0	0	0	0	150-160	0	591.5	100,71.3
170	0	0	0	0	0	0	0	0	160-170	0	591.5	100,71.3
180	0	0	0	0	0	0	0	0	170-180	0	591.5	100,71.3
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Zoe
Test Date:2021-6-3

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:GWCSRM2.CM-M3M5-XX37-1 Ra:90
REFLECTOR:PM-1056A 30R
DRIVER: PUP20A-1WMC 700mA
30minutes warm-up

LUMINANCE LIMITATION CURVES

Test:U:119.92V I:0.0891A P:10.510W PF:0.9814 Freq:59.98Hz Lamp Flux:830x1 lm		
NAME: 1814.413-AM	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2106030351
MFR.: RISE	SUR.:0.0036m2	Shielding Angle:



LUMINANCE cd/(m2)		
G(180)	C0/180	C90/270
85	23	8
80	11	6
75	9	5
70	6	4
65	428	330
60	785	623
55	1088	903
50	1306	1231
45	1865	1884

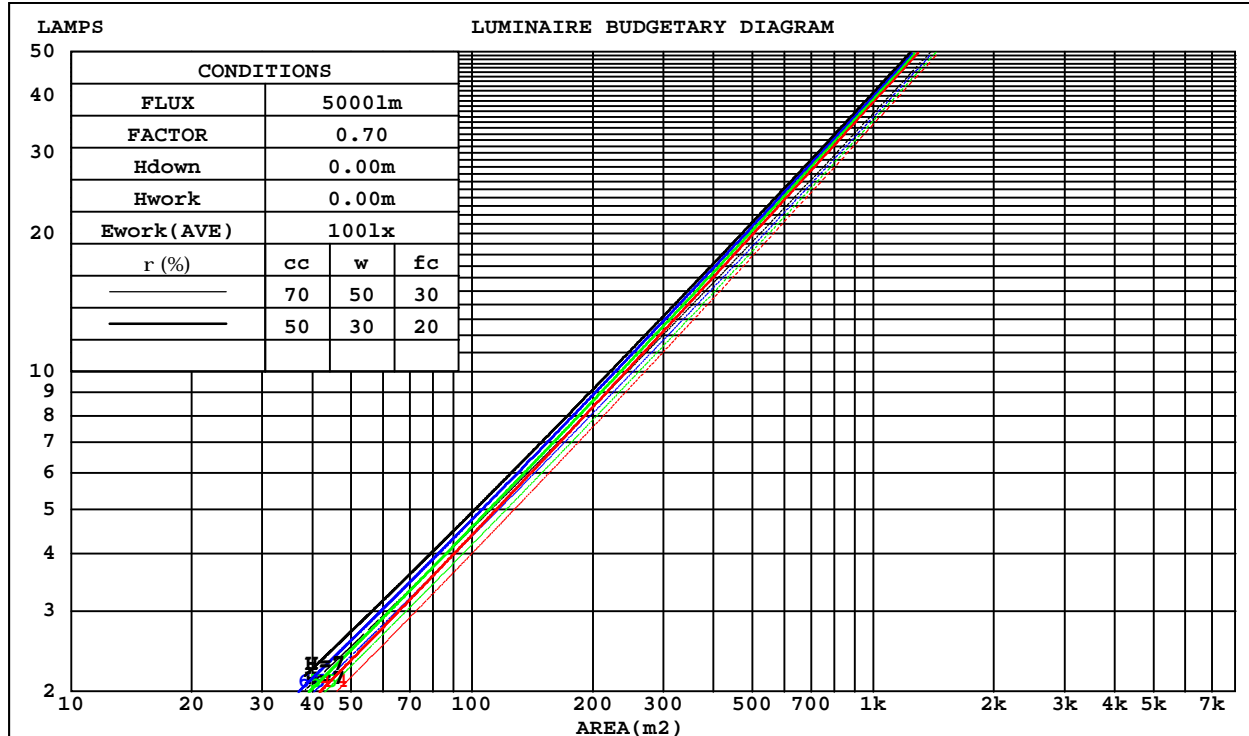
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Zoe
Test Date:2021-6-3

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:GWCSSRM2.CM-M3M5-XX37-1 Ra:90
REFLECTOR:PM-1056A 30R
DRIVER: PUP20A-1WMC 700mA
30minutes warm-up

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:119.92V I:0.0891A P:10.510W PF:0.9814 Freq:59.98Hz Lamp Flux:830x1 lm		
NAME: 1814.413-AM	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2106030351
MFR.: RISE	SUR.:0.0036m2	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	.85	.85	.85	.83	.83	.83	.79	.79	.79	.76	.76	.76	.73	.73	.73	.71
1.0	.80	.79	.78	.79	.78	.76	.76	.75	.74	.73	.73	.72	.71	.70	.70	.69
2.0	.76	.74	.72	.75	.73	.72	.73	.71	.70	.71	.70	.69	.69	.68	.67	.66
3.0	.73	.70	.68	.72	.70	.68	.70	.68	.67	.69	.67	.66	.67	.66	.65	.64
4.0	.70	.67	.65	.69	.67	.65	.68	.66	.64	.67	.65	.63	.65	.64	.62	.62
5.0	.67	.64	.62	.67	.64	.62	.66	.63	.61	.65	.62	.61	.64	.62	.60	.60
6.0	.65	.62	.60	.64	.62	.59	.63	.61	.59	.63	.60	.59	.62	.60	.58	.58
7.0	.63	.60	.57	.62	.59	.57	.61	.59	.57	.61	.58	.57	.60	.58	.56	.56
8.0	.61	.58	.55	.60	.57	.55	.60	.57	.55	.59	.57	.55	.58	.56	.55	.54
9.0	.59	.56	.54	.58	.55	.54	.58	.55	.53	.57	.55	.53	.57	.55	.53	.52
10.0	.57	.54	.52	.57	.54	.52	.56	.54	.52	.56	.53	.52	.55	.53	.52	.51



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Zoe
Test Date:2021-6-3

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:GWCSRM2.CM-M3M5-XX37-1 Ra:90
REFLECTOR:PM-1056A 30R
DRIVER: PUP20A-1WMC 700mA
30minutes warm-up

WEC AND CCEC

Test:U:119.92V I:0.0891A P:10.510W PF:0.9814 Freq:59.98Hz Lamp Flux:830x1 lm		
NAME: 1814.413-AM	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2106030351
MFR.: RISE	SUR.:0.0036m2	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	.100	.057	.018	.095	.054	.017	.086	.049	.016	.078	.045	.014	.070	.041	.013	
2.0	.093	.051	.016	.089	.049	.015	.081	.045	.014	.075	.042	.013	.068	.039	.012	
3.0	.087	.046	.014	.083	.045	.013	.077	.042	.013	.072	.039	.012	.066	.037	.011	
4.0	.081	.042	.012	.079	.041	.012	.073	.039	.012	.069	.037	.011	.064	.035	.011	
5.0	.077	.039	.011	.075	.038	.011	.070	.037	.011	.066	.035	.010	.062	.033	.010	
6.0	.073	.037	.010	.071	.036	.010	.067	.034	.010	.064	.033	.010	.060	.032	.009	
7.0	.069	.034	.010	.068	.034	.010	.064	.033	.009	.061	.031	.009	.058	.030	.009	
8.0	.066	.032	.009	.065	.032	.009	.062	.031	.009	.059	.030	.009	.056	.029	.008	
9.0	.063	.031	.009	.062	.030	.008	.059	.029	.008	.057	.029	.008	.055	.028	.008	
10.0	.061	.029	.008	.060	.029	.008	.057	.028	.008	.055	.027	.008	.053	.027	.008	

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	.136	.136	.136	.116	.116	.116	.079	.079	.079	.045	.045	.045	.015	.015	.015	
1.0	.120	.112	.105	.103	.096	.091	.070	.066	.063	.040	.038	.036	.013	.012	.012	
2.0	.107	.095	.084	.092	.081	.072	.063	.056	.051	.036	.033	.030	.012	.011	.010	
3.0	.097	.081	.068	.083	.070	.059	.057	.048	.041	.033	.028	.024	.011	.009	.008	
4.0	.088	.070	.056	.076	.060	.049	.052	.042	.034	.030	.025	.020	.010	.008	.007	
5.0	.081	.061	.047	.069	.053	.041	.048	.037	.029	.028	.022	.017	.009	.007	.006	
6.0	.074	.054	.039	.064	.047	.034	.044	.033	.024	.026	.019	.014	.008	.006	.005	
7.0	.069	.048	.034	.060	.042	.029	.041	.029	.021	.024	.017	.012	.008	.006	.004	
8.0	.065	.043	.029	.056	.038	.025	.039	.026	.018	.022	.016	.011	.007	.005	.004	
9.0	.061	.039	.025	.052	.034	.022	.036	.024	.016	.021	.014	.009	.007	.005	.003	
10.0	.057	.036	.022	.049	.031	.019	.034	.022	.014	.020	.013	.008	.006	.004	.003	

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Zoe
Test Date:2021-6-3

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:GWCSSRM2.CM-M3M5-XX37-1 Ra:90
REFLECTOR:PM-1056A 30R
DRIVER: PUP20A-1WMC 700mA
30minutes warm-up

UGR(Unified Glare Rating) Table

Test:U:119.92V I:0.0891A P:10.510W PF:0.9814 Freq:59.98Hz Lamp Flux:830x1 lm										
NAME: 1814.413-AM					TYPE:			WEIGHT:		
SPEC.:3000K					DIM.:			SERIAL No.:2106030351		
MFR.: RISE					SUR.:0.0036m2			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	4.0	4.6	4.2	4.8	4.9	4.3	5.0	4.5	5.1	5.3
3H	3.8	4.5	4.1	4.7	4.8	4.2	4.8	4.4	5.0	5.2
4H	3.8	4.4	4.0	4.6	4.8	4.1	4.7	4.3	4.9	5.1
6H	3.7	4.2	4.0	4.5	4.7	4.0	4.6	4.3	4.8	5.0
8H	3.6	4.2	3.9	4.4	4.7	3.9	4.5	4.2	4.7	5.0
12H	3.6	4.1	3.9	4.4	4.6	3.9	4.4	4.2	4.7	4.9
4H 2H	3.8	4.4	4.1	4.7	4.9	4.2	4.8	4.4	5.0	5.2
3H	3.7	4.2	4.0	4.5	4.8	4.0	4.5	4.3	4.8	5.1
4H	3.6	4.1	4.0	4.4	4.7	3.9	4.4	4.3	4.7	5.0
6H	3.5	4.0	3.9	4.3	4.6	3.8	4.3	4.2	4.6	4.9
8H	3.5	3.9	3.9	4.2	4.6	3.8	4.2	4.2	4.5	4.9
12H	3.4	3.8	3.8	4.1	4.5	3.7	4.1	4.1	4.4	4.8
8H 4H	3.5	3.9	3.9	4.2	4.6	3.8	4.2	4.2	4.5	4.9
6H	3.4	3.7	3.8	4.1	4.5	3.7	4.0	4.1	4.4	4.8
8H	3.3	3.6	3.7	4.0	4.4	3.6	3.9	4.0	4.3	4.7
12H	3.2	3.5	3.7	3.9	4.4	3.5	3.8	4.0	4.2	4.7
12H 4H	3.4	3.8	3.8	4.1	4.5	3.7	4.1	4.1	4.4	4.8
6H	3.3	3.6	3.7	4.0	4.4	3.6	3.9	4.0	4.3	4.7
8H	3.2	3.5	3.7	3.9	4.4	3.5	3.8	4.0	4.2	4.7
Variations with the observer position at spacings:										
S = 1.0H	+ 2.1 / - 4.2					+ 3.1 / - 5.5				
1.5H	+ 3.5 / - 3.0					+ 4.7 / - 3.7				
2.0H	+ 2.8 / - 3.0					+ 3.2 / - 3.5				

CIE Pub.117, 830.0 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = -0.6)
Area: 0.0036 m2

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Zoe
Test Date:2021-6-3

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:GWCSSRM2.CM-M3M5-XX37-1 Ra:90
REFLECTOR:PM-1056A 30R
DRIVER: PUP20A-1WMC 700mA
30minutes warm-up

UTILIZATION FACTORS TABLE

Test:U:119.92V I:0.0891A P:10.510W PF:0.9814 Freq:59.98Hz Lamp Flux:830x1 lm		
NAME: 1814.413-AM	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2106030351
MFR.: RISE	SUR.:0.0036m2	Shielding Angle:

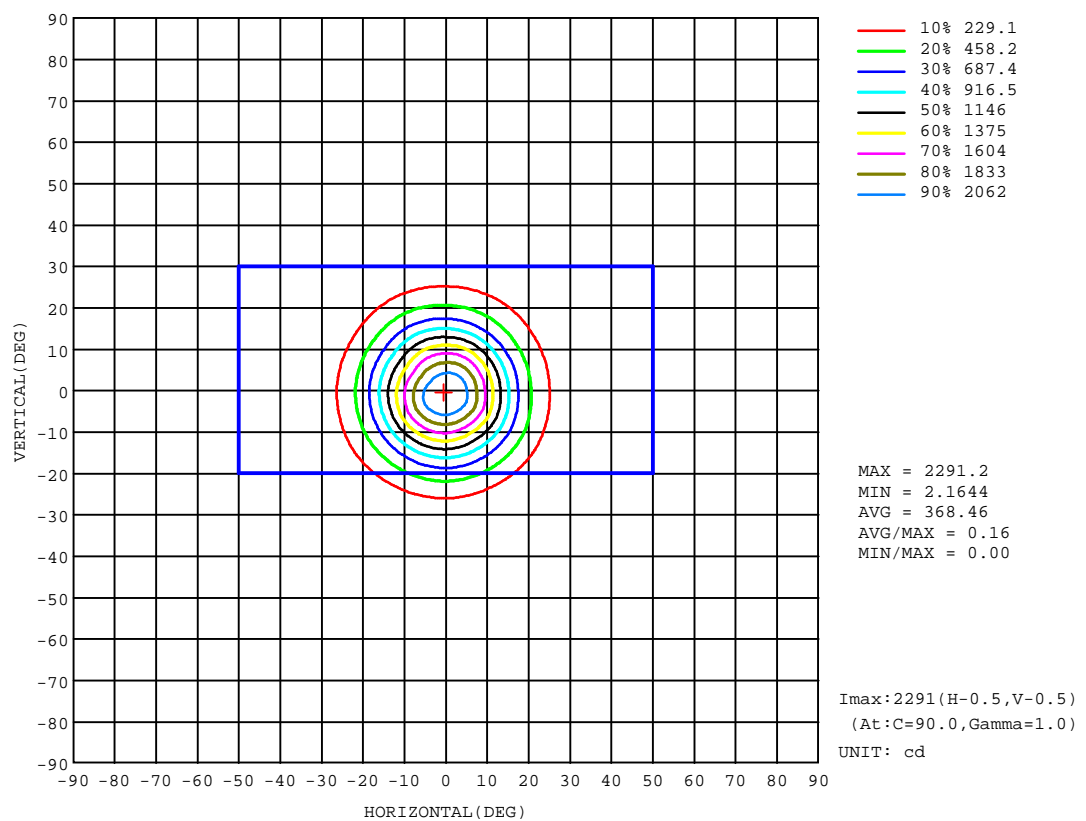
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	65	61	58	64	61	58	64	60	58	56
0.80	70	66	64	69	66	64	68	65	63	61
1.00	72	69	67	72	69	66	71	68	66	63
1.25	75	72	69	74	71	69	73	70	69	66
1.50	77	74	72	76	73	71	74	72	70	67
2.00	78	76	74	77	75	73	75	73	72	68
2.50	79	77	75	78	76	74	76	74	73	69
3.00	80	78	76	79	77	76	77	75	74	70
4.00	82	80	78	80	79	77	78	76	76	71
5.00	82	81	80	81	80	79	78	77	77	71
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:2021-6-3

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:GWCSSRM2.CM-M3M5-XX37-1 Ra:90
 REFLECTOR:PM-1056A 30R
 DRIVER: PUP20A-1WMC 700mA
 30minutes warm-up

ISOCANDELA DIAGRAM

Test:U:119.92V I:0.0891A P:10.510W PF:0.9814 Freq:59.98Hz Lamp Flux:830x1 lm		
NAME: 1814.413-AM	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2106030351
MFR.: RISE	SUR.:0.0036m2	Shielding Angle:

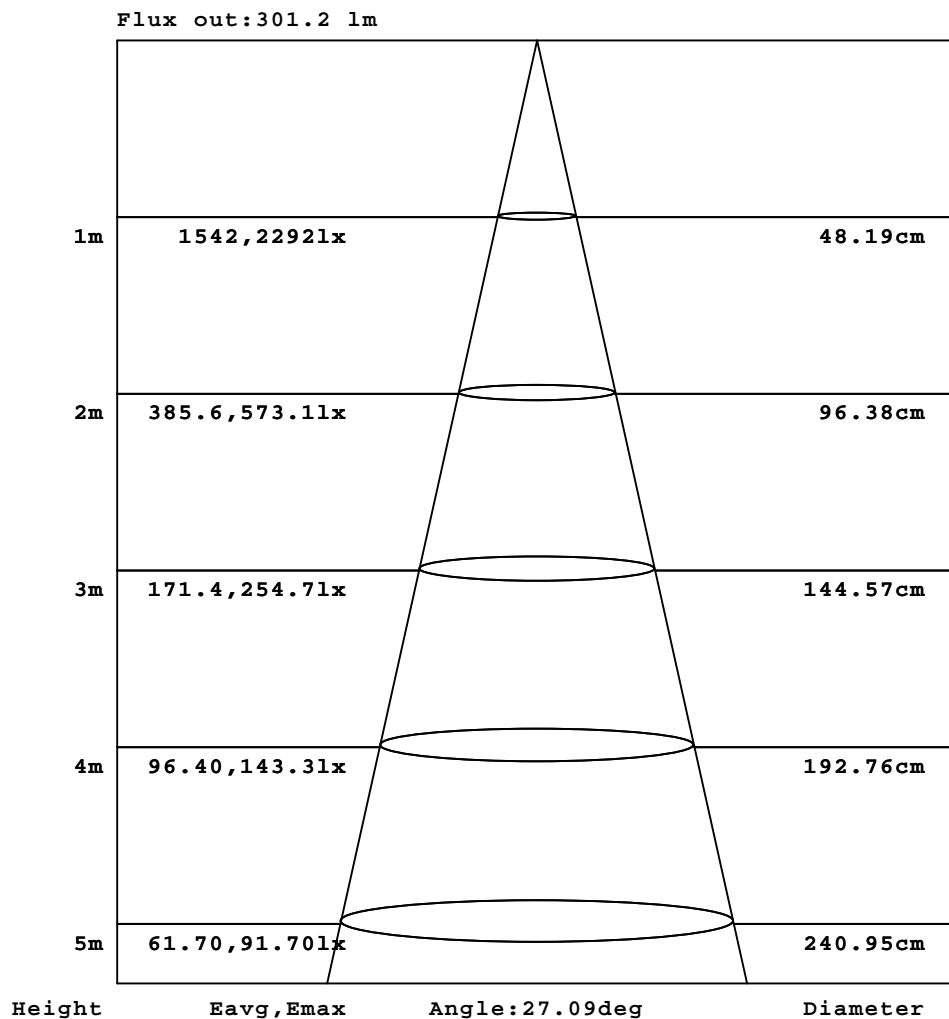


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Zoe
Test Date:2021-6-3

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:GWCSSRM2.CM-M3M5-XX37-1 Ra:90
REFLECTOR:PM-1056A 30R
DRIVER: PUP20A-1WMC 700mA
30minutes warm-up

AAI Figure

Test:U:119.92V I:0.0891A P:10.510W PF:0.9814 Freq:59.98Hz Lamp Flux:830x1 lm		
NAME: 1814.413-AM	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2106030351
MFR.: RISE	SUR.:0.0036m2	Shielding Angle:



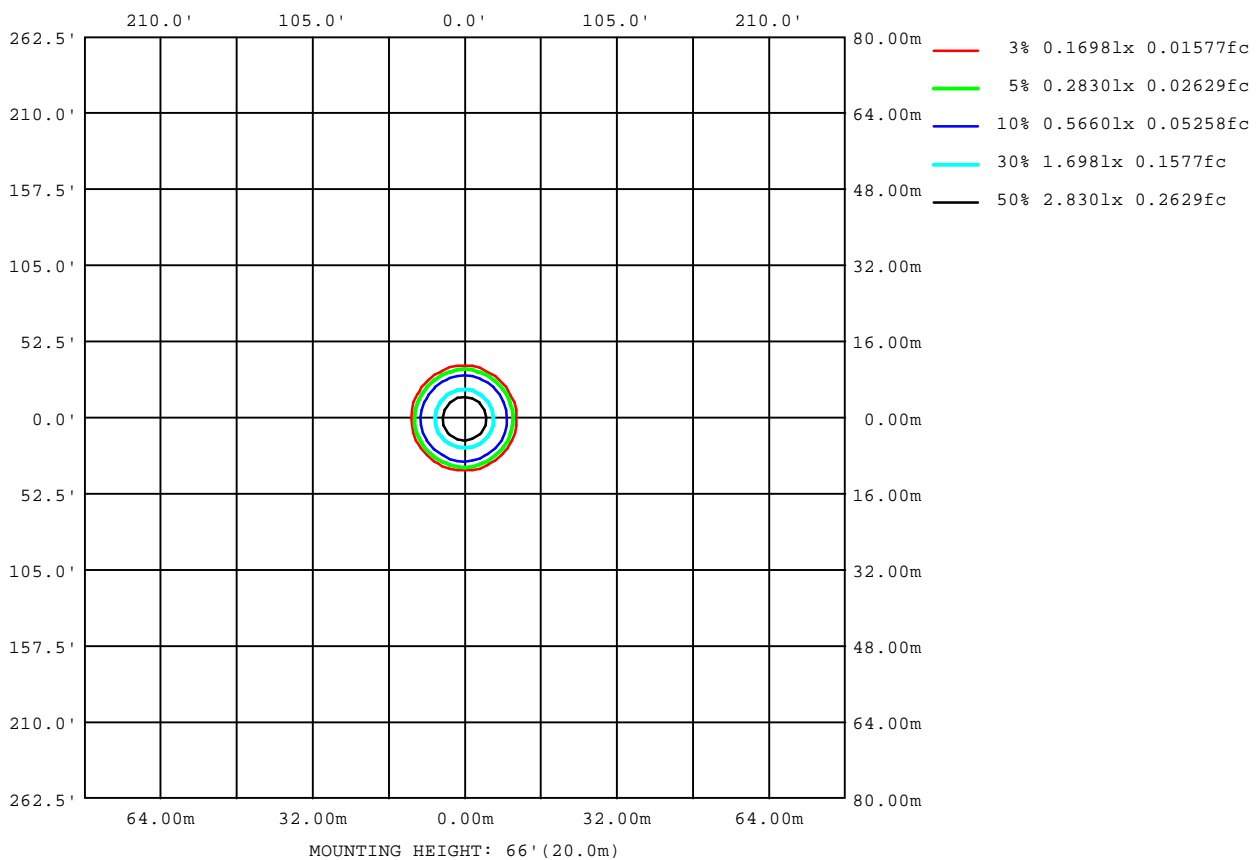
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Zoe
Test Date: 2021-6-3

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: GWCSSRM2.CM-M3M5-XX37-1 Ra:90
REFLECTOR: PM-1056A 30R
DRIVER: PUP20A-1WMC 700mA
30minutes warm-up

ISOLUX DIAGRAM

Test:U:119.92V I:0.0891A P:10.510W PF:0.9814 Freq:59.98Hz Lamp Flux:830x1 lm		
NAME: 1814.413-AM	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2106030351
MFR.: RISE	SUR.:0.0036m2	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Zoe
Test Date:2021-6-3

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:GWCSSRM2.CM-M3M5-XX37-1 Ra:90
REFLECTOR:PM-1056A 30R
DRIVER: PUP20A-1WMC 700mA
30minutes warm-up

LED Avg.L Report

Test:U:119.92V I:0.0891A P:10.510W PF:0.9814 Freq:59.98Hz Lamp Flux:830x1 lm		
NAME: 1814.413-AM	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2106030351
MFR.: RISE	SUR.:0.0036m2	Shielding Angle:

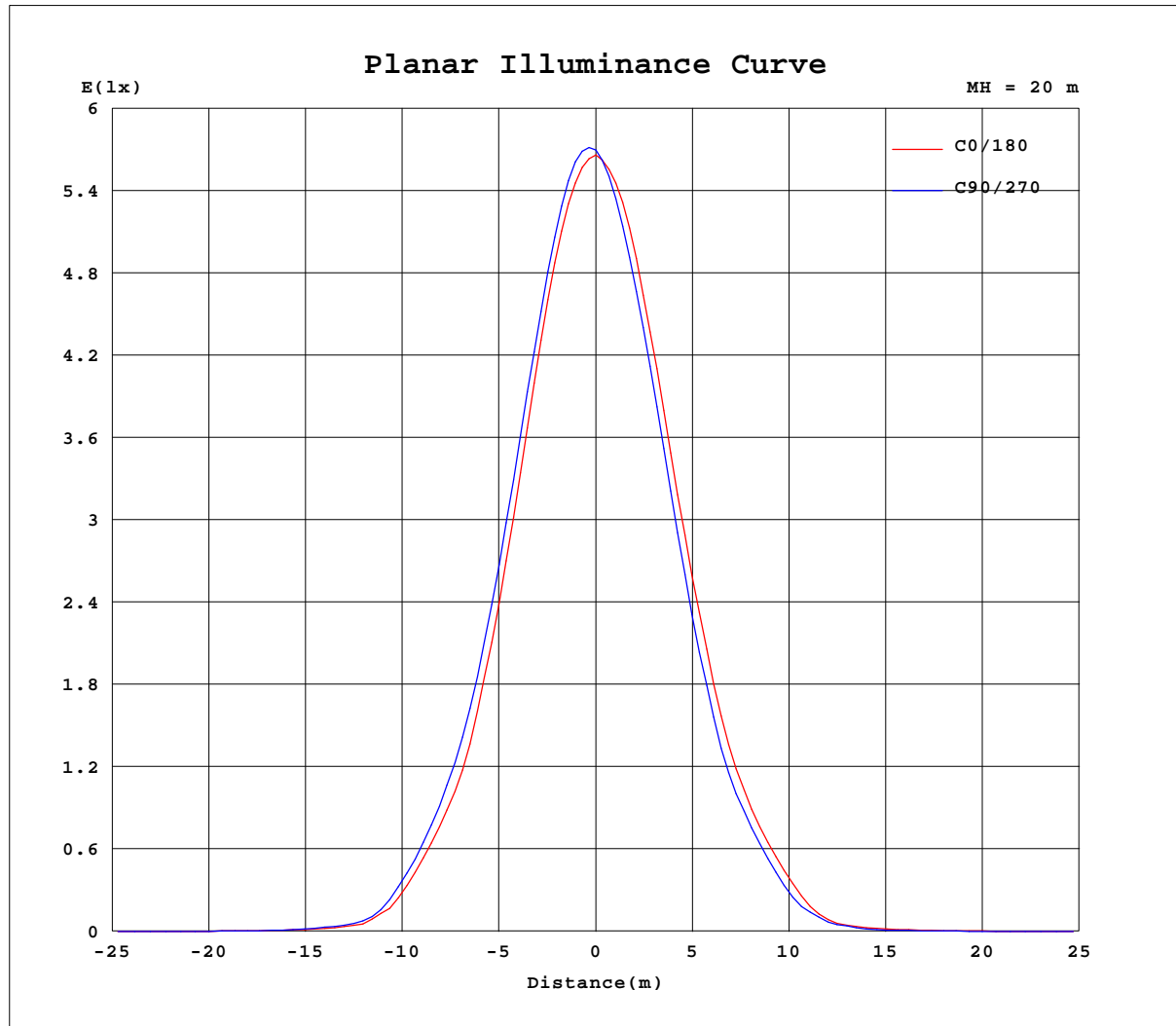
AvgL	cd/m2
L_0~180(65)av	421
L_0~180(75)av	7
L_0~180(85)av	19
L_90~270(65)av	171
L_90~270(75)av	4
L_90~270(85)av	8
L_45(65)av	504
L_45(75)av	0
L_45(85)av	0

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Zoe
Test Date:2021-6-3

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:GWCSSRM2.CM-M3M5-XX37-1 Ra:90
REFLECTOR:PM-1056A 30R
DRIVER: PUP20A-1WMC 700mA
30minutes warm-up

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Zoe
 Test Date: 2021-6-3

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: GWCSSRM2.CM-M3M5-XX37-1 Ra:90
 REFLECTOR: PM-1056A 30R
 DRIVER: PUP20A-1WMC 700mA
 30minutes warm-up

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.92V I:0.0891A P:10.510W PF:0.9814 Freq:59.98Hz Lamp Flux:830x1 lm		
NAME: 1814.413-AM	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2106030351
MFR.: RISE	SUR.:0.0036m2	Shielding Angle:

Table--1

UNIT: cd

C(°) g (°)	0	30	60	90	120	150	180	210	240	270	300	330						
0	2276	2276	2276	2276	2276	2276	2276	2276	2276	2276	2276	2276						
5	2077	2133	2130	2137	2135	2131	2087	2006	1990	1987	2016	2037						
10	1547	1626	1608	1646	1650	1657	1600	1491	1493	1473	1496	1500						
15	941	1022	1025	1058	1055	1058	1038	952	944	903	897	897						
20	495	552	568	594	580	580	575	529	517	485	475	467						
25	234	264	267	285	286	299	296	255	251	232	230	218						
30	58.4	63.5	70.1	68.2	79.7	78.9	79.1	73.0	66.0	65.4	54.9	56.2						
35	18.9	22.2	21.8	23.5	24.1	24.7	23.2	20.7	21.2	16.3	18.7	17.0						
40	9.11	10.7	11.0	9.17	11.6	11.7	10.2	9.89	8.59	7.25	8.58	8.81						
45	4.77	6.23	5.66	4.79	5.88	6.26	5.20	5.79	4.84	4.22	4.95	5.02						
50	3.04	3.72	3.29	2.84	3.50	3.52	3.02	3.60	3.24	2.80	3.33	3.22						
55	2.26	2.54	2.10	1.86	2.20	2.37	2.06	2.54	2.31	1.75	2.21	2.38						
60	1.42	1.59	1.40	1.12	1.31	1.42	1.41	1.65	1.29	0.93	1.23	1.42						
65	0.65	0.81	0.73	0.50	0.79	0.86	0.63	0.83	0.59	0.02	0.57	0.68						
70	0.01	0.10	0.02	0.00	0.04	0.02	0.00	0.01	0.00	0.00	0.00	0.00						
75	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00						
80	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00						
85	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
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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Operators:Zoe
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