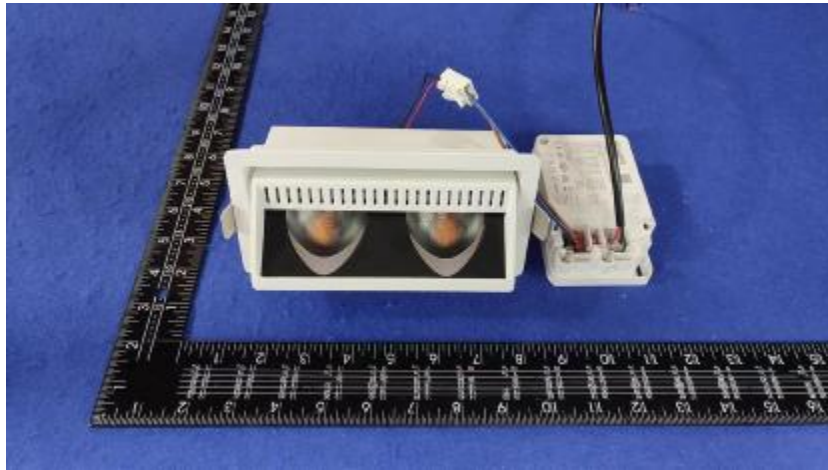


Luminaire Photograph



Light Output Ratio:	83.7%	
Luminaire Power:	26.94 W	
SHR Nominal:	0.50	Calculated using the TM5
SHR Maximum:	0.50	fine grid method.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Zoe
Test Date: 2023-1-13

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: CLU028-1204C4-303H5M3-F1 Ra:90
REFLECTOR: AP-060C-WW
DRIVER: 9290 028 090 700mA
30minutes warm-up

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

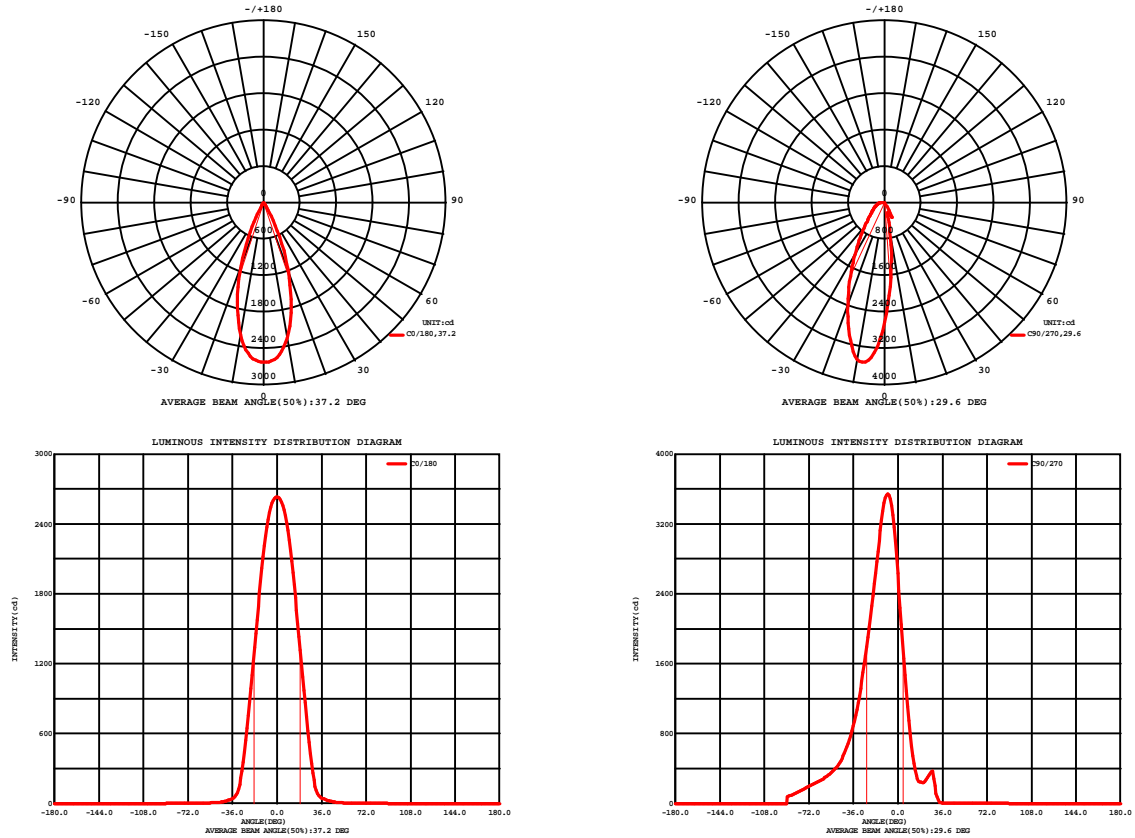


Fig. C0/C180

Fig. C90/C270

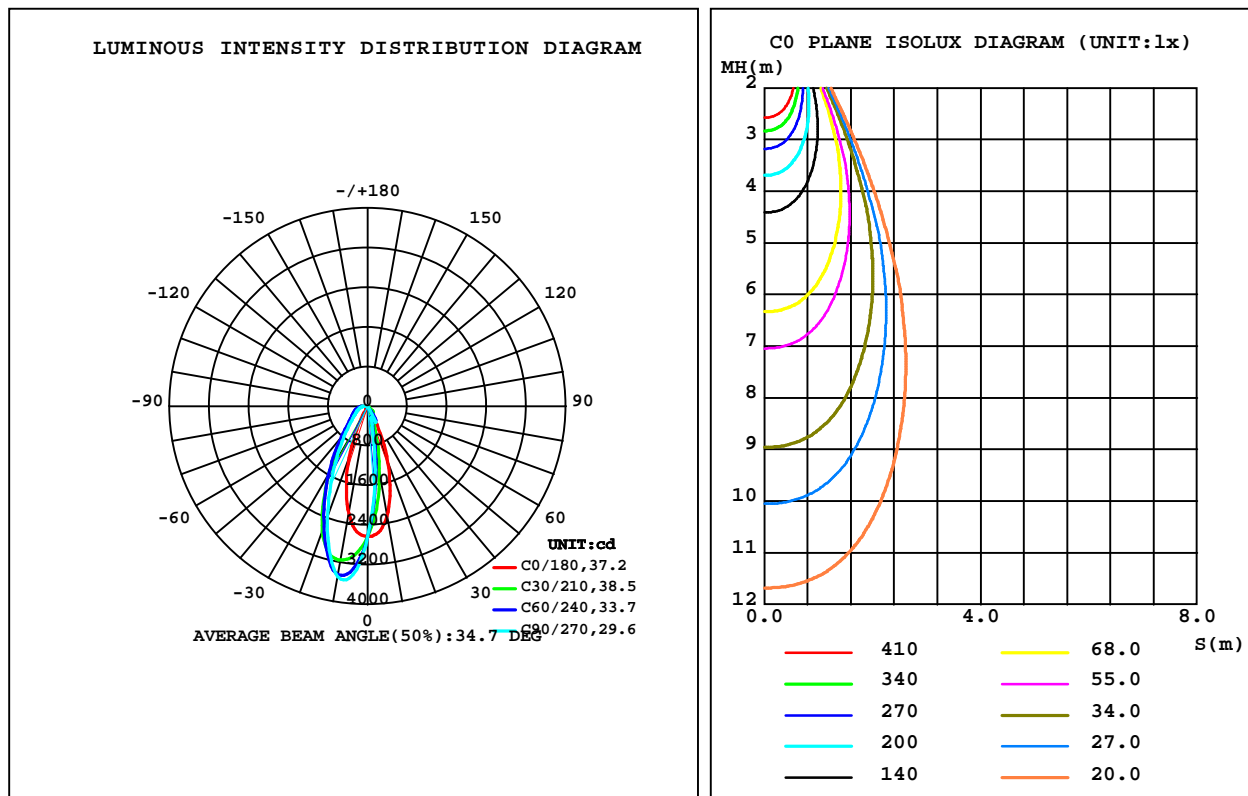
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Zoe
Test Date: 2023-1-13

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: CLU028-1204C4-303H5M3-F1 Ra: 90
REFLECTOR: AP-060C-WW
DRIVER: 9290 028 090 700mA
30minutes warm-up

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.27V I:0.1275A P:26.942W PF:0.9567 Freq:49.99Hz Lamp Flux:2638.7x1 lm		
NAME: 2214.405A	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2301130044
MFR.: RISE	SUR.:0.00564m2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 81.94 lm/W			
MODEL	CITIZEN	Imax(cd)	3657	S/MH(C0/180)	0.58
NOMINAL POWER(W)	28	LOR(%)	83.7	S/MH(C90/270)	0.91
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	2207.6	h UP,DN(C0-180)	0.0,11.9
NOMINAL FLUX(lm)	2638.7	CIE CLASS	DIRECT	h UP,DN(C180-360)	0.0,71.8
LAMPS INSIDE	1	h up(%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	220	h down(%)	83.7	CIBSE SHR MAX	0.50



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Zoe
Test Date:2023-1-13

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:CLU028-1204C4-303H5M3-F1 Ra:90
REFLECTOR:AP-060C-WW
DRIVER:9290 028 090 700mA
30minutes warm-up

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

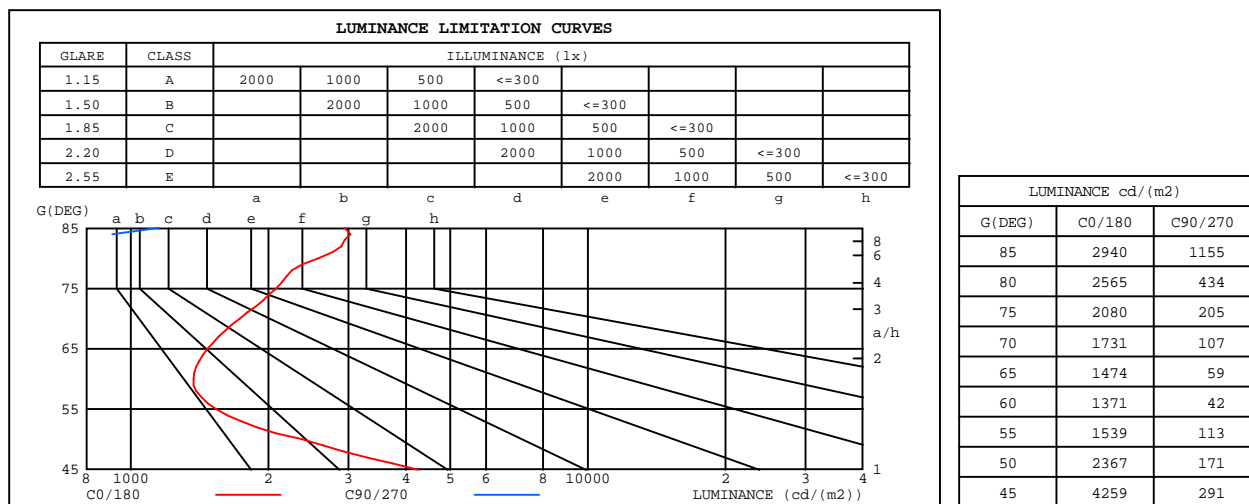
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum,lamp
10	2261	1177	791.3	1111	2212	3301	3498	3473	0- 10	232.9	232.9	10.6,8.83
20	1202	305.9	236.4	285.3	1103	2635	2378	2858	10- 20	505.3	738.3	33.4,28
30	199.5	205.4	198.4	244.2	160.1	1565	1315	1702	20- 30	488.9	1227	55.6,46.5
40	30.48	75.79	1.559	102.3	24.54	819.5	684.7	873.9	30- 40	331.7	1559	70.6,59.1
50	8.276	29.18	0.6193	14.85	7.070	475.0	405.3	510.2	40- 50	216.6	1775	80.4,67.3
60	3.729	0.7899	0.1192	0.7401	4.035	326.0	284.2	361.8	50- 60	148.0	1923	87.1,72.9
70	3.220	0.3025	0.2055	0.3336	3.065	248.2	207.5	286.5	60- 70	119.4	2043	92.5,77.4
80	2.423	0.4492	0.4256	0.5429	1.831	186.0	135.9	221.8	70- 80	98.20	2141	97,81.1
90	0	0	0	0	0	0	0	0	80- 90	66.51	2208	100,83.7
100	0	0	0	0	0	0	0	0	90-100	0	2208	100,83.7
110	0	0	0	0	0	0	0	0	100-110	0	2208	100,83.7
120	0	0	0	0	0	0	0	0	110-120	0	2208	100,83.7
130	0	0	0	0	0	0	0	0	120-130	0	2208	100,83.7
140	0	0	0	0	0	0	0	0	130-140	0	2208	100,83.7
150	0	0	0	0	0	0	0	0	140-150	0	2208	100,83.7
160	0	0	0	0	0	0	0	0	150-160	0	2208	100,83.7
170	0	0	0	0	0	0	0	0	160-170	0	2208	100,83.7
180	0	0	0	0	0	0	0	0	170-180	0	2208	100,83.7
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Zoe
Test Date:2023-1-13

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:CLU028-1204C4-303H5M3-F1 Ra:90
REFLECTOR:AP-060C-WW
DRIVER:9290 028 090 700mA
30minutes warm-up

LUMINANCE LIMITATION CURVES

Test:U:220.27V I:0.1275A P:26.942W PF:0.9567 Freq:49.99Hz Lamp Flux:2638.7x1 lm		
NAME: 2214.405A	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2301130044
MFR.: RISE	SUR.:0.00564m2	Shielding Angle:



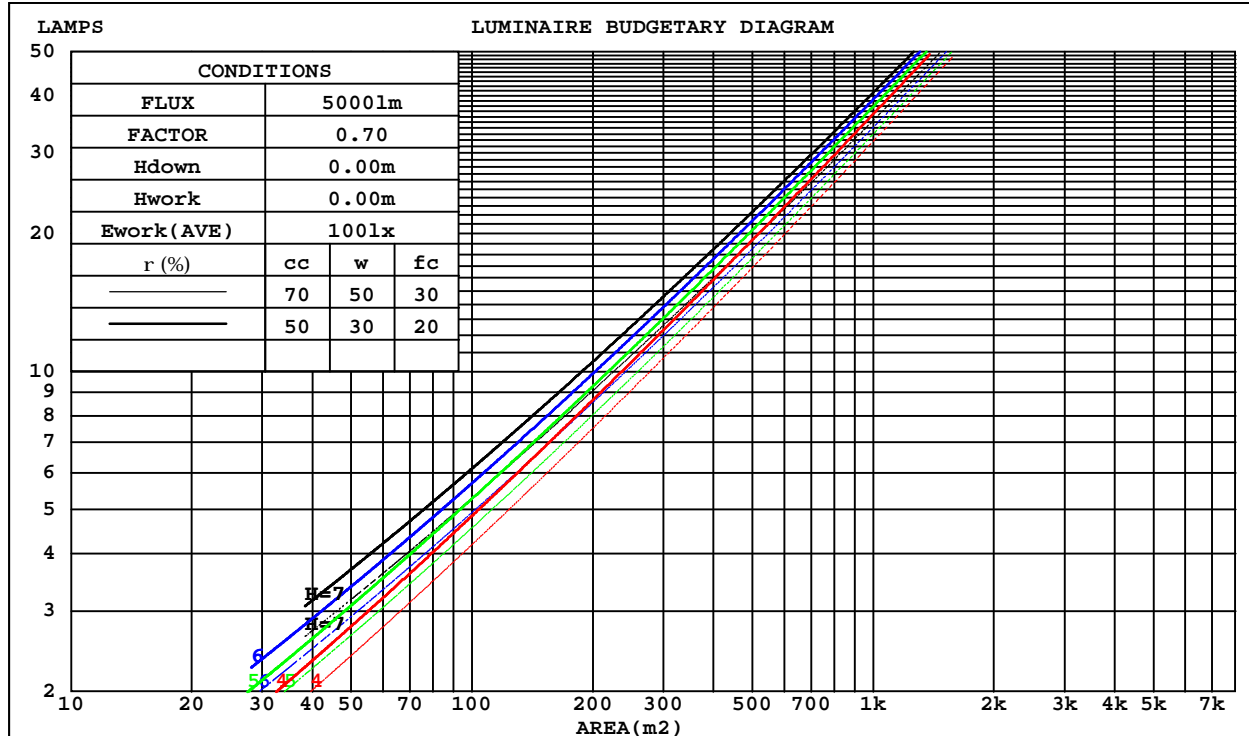
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Zoe
Test Date:2023-1-13

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:CLU028-1204C4-303H5M3-F1 Ra:90
REFLECTOR:AP-060C-WW
DRIVER:9290 028 090 700mA
30minutes warm-up

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.27V I:0.1275A P:26.942W PF:0.9567 Freq:49.99Hz Lamp Flux:2638.7x1 lm		
NAME: 2214.405A	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2301130044
MFR.: RISE	SUR.:0.00564m2	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	.00	.00	.00	.97	.97	.97	.93	.93	.93	.89	.89	.89	.85	.85	.85	.84
1.0	.89	.86	.83	.87	.85	.82	.84	.82	.80	.81	.79	.77	.78	.76	.75	.73
2.0	.81	.76	.72	.79	.75	.72	.76	.73	.70	.74	.71	.68	.71	.69	.67	.65
3.0	.74	.68	.64	.73	.68	.64	.70	.66	.62	.68	.64	.61	.66	.63	.60	.59
4.0	.68	.62	.58	.67	.61	.57	.65	.60	.57	.63	.59	.56	.62	.58	.55	.54
5.0	.63	.57	.52	.62	.56	.52	.60	.56	.52	.59	.55	.51	.58	.54	.51	.49
6.0	.59	.53	.48	.58	.52	.48	.56	.51	.48	.55	.51	.47	.54	.50	.47	.46
7.0	.55	.49	.45	.54	.48	.45	.53	.48	.44	.52	.47	.44	.51	.47	.44	.42
8.0	.51	.46	.42	.51	.45	.41	.50	.45	.41	.49	.44	.41	.48	.44	.41	.40
9.0	.48	.43	.39	.48	.43	.39	.47	.42	.39	.46	.42	.39	.45	.41	.38	.37
10.0	.46	.40	.37	.45	.40	.37	.45	.40	.36	.44	.39	.36	.43	.39	.36	.35



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Zoe
Test Date:2023-1-13

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:CLU028-1204C4-303H5M3-F1 Ra:90
REFLECTOR:AP-060C-WW
DRIVER:9290 028 090 700mA
30minutes warm-up

WEC AND CCEC

Test:U:220.27V I:0.1275A P:26.942W PF:0.9567 Freq:49.99Hz Lamp Flux:2638.7x1 lm		
NAME: 2214.405A	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2301130044
MFR.: RISE	SUR.:0.00564m2	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	.215	.123	.039	.210	.120	.038	.199	.114	.036	.189	.109	.035	.180	.104	.034															
2.0	.195	.107	.033	.190	.105	.032	.180	.100	.031	.172	.096	.030	.164	.093	.029															
3.0	.178	.095	.028	.174	.093	.028	.166	.090	.027	.158	.087	.027	.151	.084	.026															
4.0	.164	.085	.025	.161	.084	.025	.154	.081	.024	.147	.079	.024	.141	.077	.023															
5.0	.153	.078	.023	.149	.077	.022	.143	.075	.022	.137	.072	.022	.132	.071	.021															
6.0	.142	.071	.020	.140	.070	.020	.134	.069	.020	.129	.067	.020	.124	.065	.019															
7.0	.133	.066	.019	.131	.065	.019	.126	.064	.018	.122	.062	.018	.117	.061	.018															
8.0	.126	.061	.017	.123	.061	.017	.119	.059	.017	.115	.058	.017	.111	.057	.017															
9.0	.119	.057	.016	.117	.057	.016	.113	.056	.016	.109	.055	.016	.106	.054	.016															
10.0	.112	.054	.015	.111	.053	.015	.107	.052	.015	.104	.052	.015	.101	.051	.015															

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	.148	.131	.116	.126	.112	.100	.087	.077	.069	.050	.045	.040	.016	.014	.013	
2.0	.138	.111	.088	.118	.095	.076	.081	.066	.053	.047	.038	.031	.015	.012	.010	
3.0	.128	.095	.069	.110	.082	.060	.076	.057	.042	.044	.033	.025	.014	.011	.008	
4.0	.120	.084	.055	.103	.072	.048	.071	.050	.034	.041	.029	.020	.013	.010	.007	
5.0	.113	.074	.045	.097	.064	.040	.067	.045	.028	.039	.026	.017	.012	.009	.005	
6.0	.107	.067	.038	.092	.058	.033	.063	.040	.023	.037	.024	.014	.012	.008	.005	
7.0	.101	.061	.032	.087	.052	.028	.060	.037	.020	.035	.022	.012	.011	.007	.004	
8.0	.096	.055	.028	.082	.048	.024	.057	.034	.017	.033	.020	.010	.011	.007	.003	
9.0	.091	.051	.024	.078	.044	.021	.054	.031	.015	.032	.018	.009	.010	.006	.003	
10.0	.087	.047	.021	.075	.041	.019	.052	.029	.013	.030	.017	.008	.010	.006	.003	

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Zoe
Test Date:2023-1-13

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:CLU028-1204C4-303H5M3-F1 Ra:90
REFLECTOR:AP-060C-WW
DRIVER:9290 028 090 700mA
30minutes warm-up

UGR(Unified Glare Rating) Table

Test:U:220.27V I:0.1275A P:26.942W PF:0.9567 Freq:49.99Hz Lamp Flux:2638.7x1 lm										
NAME: 2214.405A					TYPE:			WEIGHT:		
SPEC.:3000K					DIM.:			SERIAL No.:2301130044		
MFR.: RISE					SUR.:0.00564m2			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	12.2	13.4	12.5	13.6	13.8	8.4	9.6	8.7	9.8	10.0
3H	12.1	13.2	12.3	13.4	13.6	8.2	9.3	8.5	9.6	9.8
4H	12.0	13.1	12.3	13.3	13.5	8.1	9.2	8.4	9.4	9.7
6H	12.0	13.0	12.3	13.2	13.5	8.1	9.0	8.4	9.3	9.6
8H	12.0	12.9	12.3	13.2	13.5	8.0	9.0	8.3	9.2	9.5
12H	12.0	12.9	12.3	13.2	13.5	8.0	8.9	8.3	9.2	9.5
4H 2H	11.9	13.0	12.2	13.2	13.4	8.2	9.2	8.4	9.4	9.7
3H	11.8	12.7	12.1	13.0	13.3	7.9	8.9	8.3	9.1	9.4
4H	11.7	12.6	12.1	12.9	13.2	7.9	8.7	8.2	9.0	9.3
6H	11.7	12.5	12.1	12.8	13.2	7.8	8.5	8.2	8.9	9.2
8H	11.7	12.5	12.1	12.8	13.2	7.7	8.4	8.1	8.8	9.2
12H	11.8	12.4	12.2	12.8	13.2	7.7	8.4	8.1	8.8	9.2
8H 4H	11.6	12.3	12.0	12.6	13.0	7.7	8.4	8.1	8.8	9.1
6H	11.6	12.2	12.0	12.6	13.0	7.6	8.2	8.1	8.6	9.0
8H	11.6	12.1	12.1	12.6	13.0	7.6	8.2	8.1	8.6	9.0
12H	11.7	12.2	12.2	12.6	13.1	7.7	8.1	8.1	8.6	9.0
12H 4H	11.5	12.2	11.9	12.5	12.9	7.7	8.3	8.1	8.7	9.1
6H	11.5	12.1	12.0	12.5	12.9	7.6	8.1	8.0	8.5	9.0
8H	11.6	12.0	12.0	12.5	13.0	7.6	8.1	8.1	8.5	9.0
Variations with the observer position at spacings:										
S = 1.0H	+ 5.2 / - 8.4					+ 3.9 / - 9.3				
1.5H	+ 3.6 / -10.2					+ 8.9 / - 9.5				
2.0H	+ 7.0 / - 8.5					+ 5.1 / - 1.3				

CIE Pub.117, 2639 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 3.4$)
Area: 0.00564 m2

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Zoe
Test Date:2023-1-13

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:CLU028-1204C4-303H5M3-F1 Ra:90
REFLECTOR:AP-060C-WW
DRIVER:9290 028 090 700mA
30minutes warm-up

UTILIZATION FACTORS TABLE

Test:U:220.27V I:0.1275A P:26.942W PF:0.9567 Freq:49.99Hz Lamp Flux:2638.7x1 lm		
NAME: 2214.405A	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2301130044
MFR.: RISE	SUR.:0.00564m2	Shielding Angle:

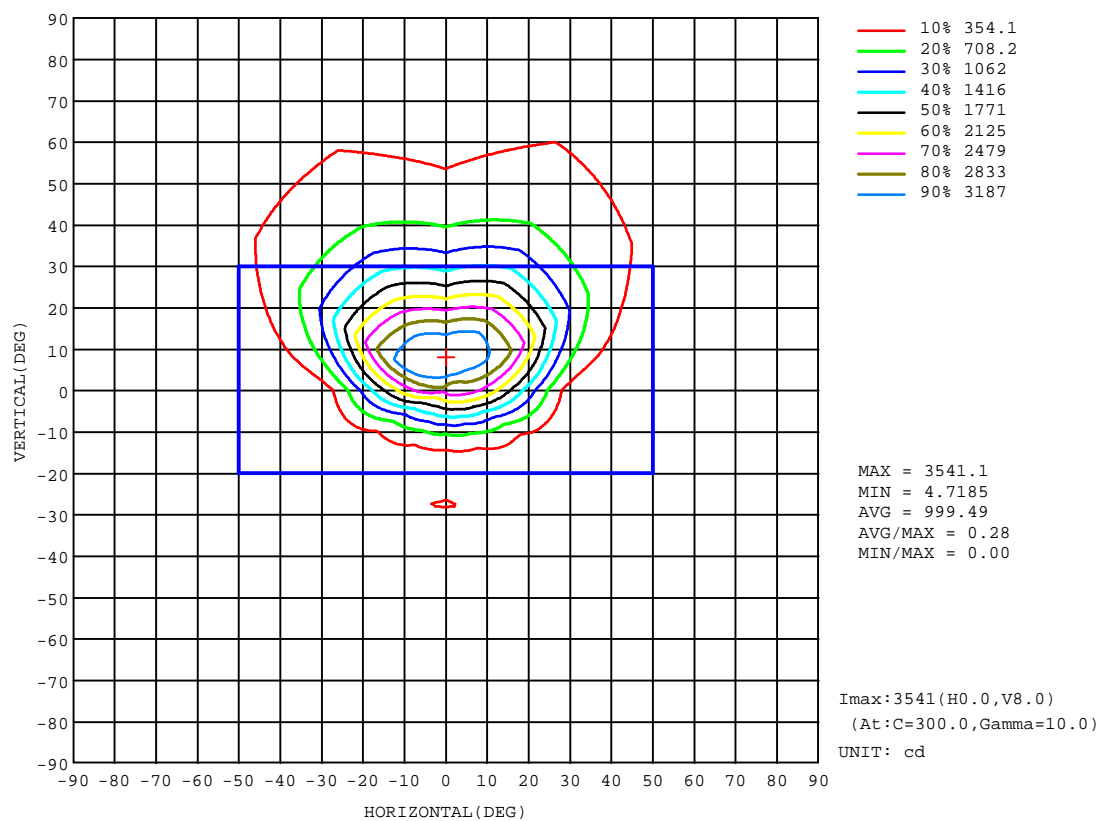
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	62	54	50	61	54	50	60	54	50	46
0.80	69	61	57	68	61	57	67	61	56	52
1.00	74	67	62	73	66	62	71	67	62	57
1.25	78	71	67	77	71	67	75	70	66	61
1.50	81	75	71	80	74	70	78	73	69	64
2.00	85	79	75	83	78	75	81	77	73	68
2.50	87	82	78	85	81	77	83	79	76	70
3.00	89	85	81	87	83	80	84	81	78	72
4.00	91	88	85	90	86	84	86	84	81	74
5.00	93	90	87	91	88	86	88	85	83	76
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:2023-1-13

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:CLU028-1204C4-303H5M3-F1 Ra:90
REFLECTOR:AP-060C-WW
DRIVER:9290 028 090 700mA
30minutes warm-up

ISOCANDELA DIAGRAM

Test:U:220.27V I:0.1275A P:26.942W PF:0.9567 Freq:49.99Hz Lamp Flux:2638.7x1 lm		
NAME: 2214.405A	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2301130044
MFR.: RISE	SUR.:0.00564m2	Shielding Angle:

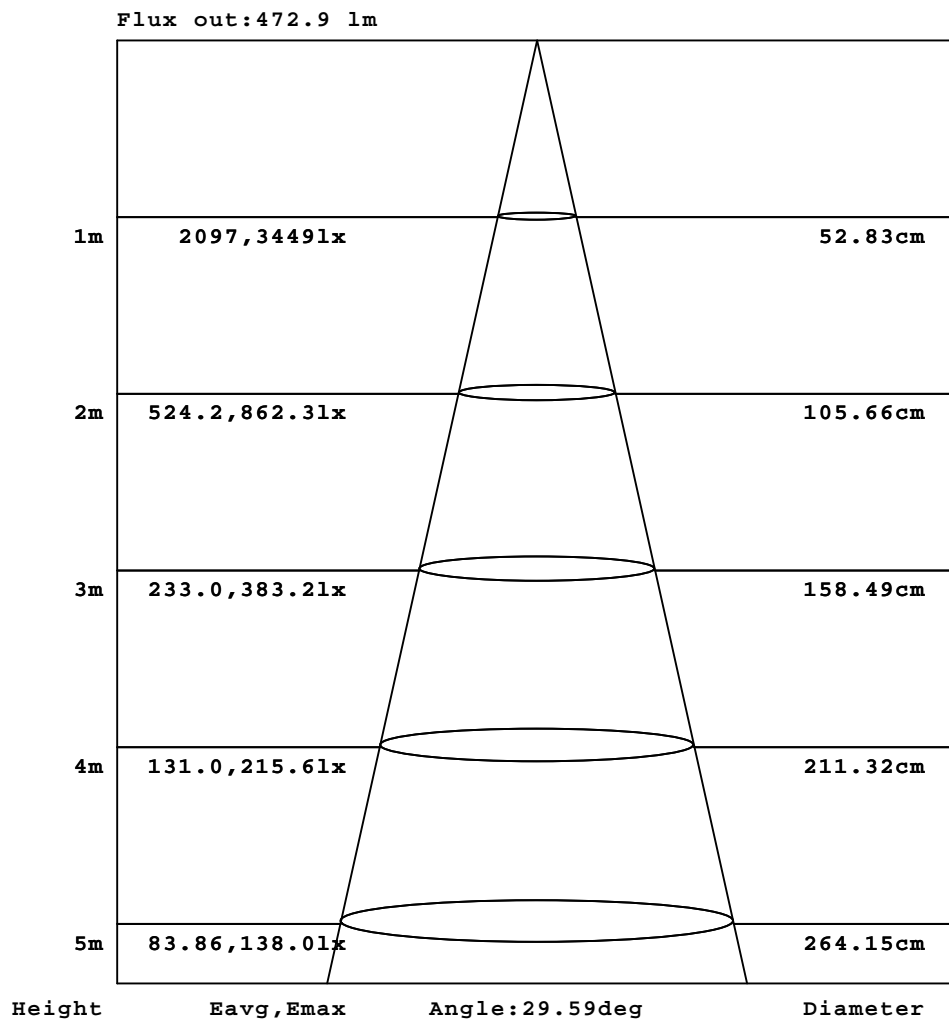


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Zoe
Test Date:2023-1-13

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:CLU028-1204C4-303H5M3-F1 Ra:90
REFLECTOR:AP-060C-WW
DRIVER:9290 028 090 700mA
30minutes warm-up

AAI Figure

Test:U:220.27V I:0.1275A P:26.942W PF:0.9567 Freq:49.99Hz Lamp Flux:2638.7x1 lm		
NAME: 2214.405A	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2301130044
MFR.: RISE	SUR.:0.00564m2	Shielding Angle:



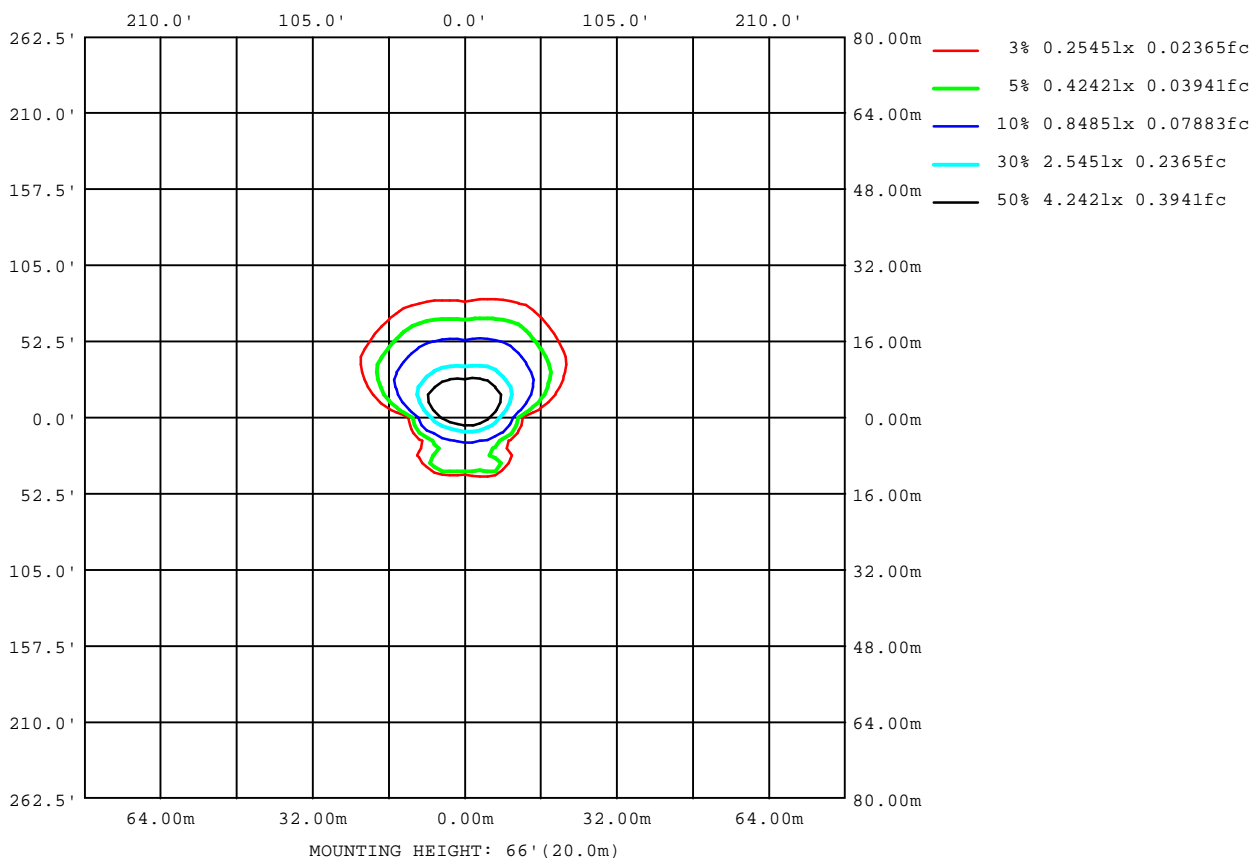
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Zoe
Test Date:2023-1-13

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:CLU028-1204C4-303H5M3-F1 Ra:90
REFLECTOR:AP-060C-WW
DRIVER:9290 028 090 700mA
30minutes warm-up

ISOLUX DIAGRAM

Test:U:220.27V I:0.1275A P:26.942W PF:0.9567 Freq:49.99Hz Lamp Flux:2638.7x1 lm		
NAME: 2214.405A	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2301130044
MFR.: RISE	SUR.:0.00564m2	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Zoe
Test Date:2023-1-13

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:CLU028-1204C4-303H5M3-F1 Ra:90
REFLECTOR:AP-060C-WW
DRIVER:9290 028 090 700mA
30minutes warm-up

LED Avg.L Report

Test:U:220.27V I:0.1275A P:26.942W PF:0.9567 Freq:49.99Hz Lamp Flux:2638.7x1 lm		
NAME: 2214.405A	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2301130044
MFR.: RISE	SUR.:0.00564m2	Shielding Angle:

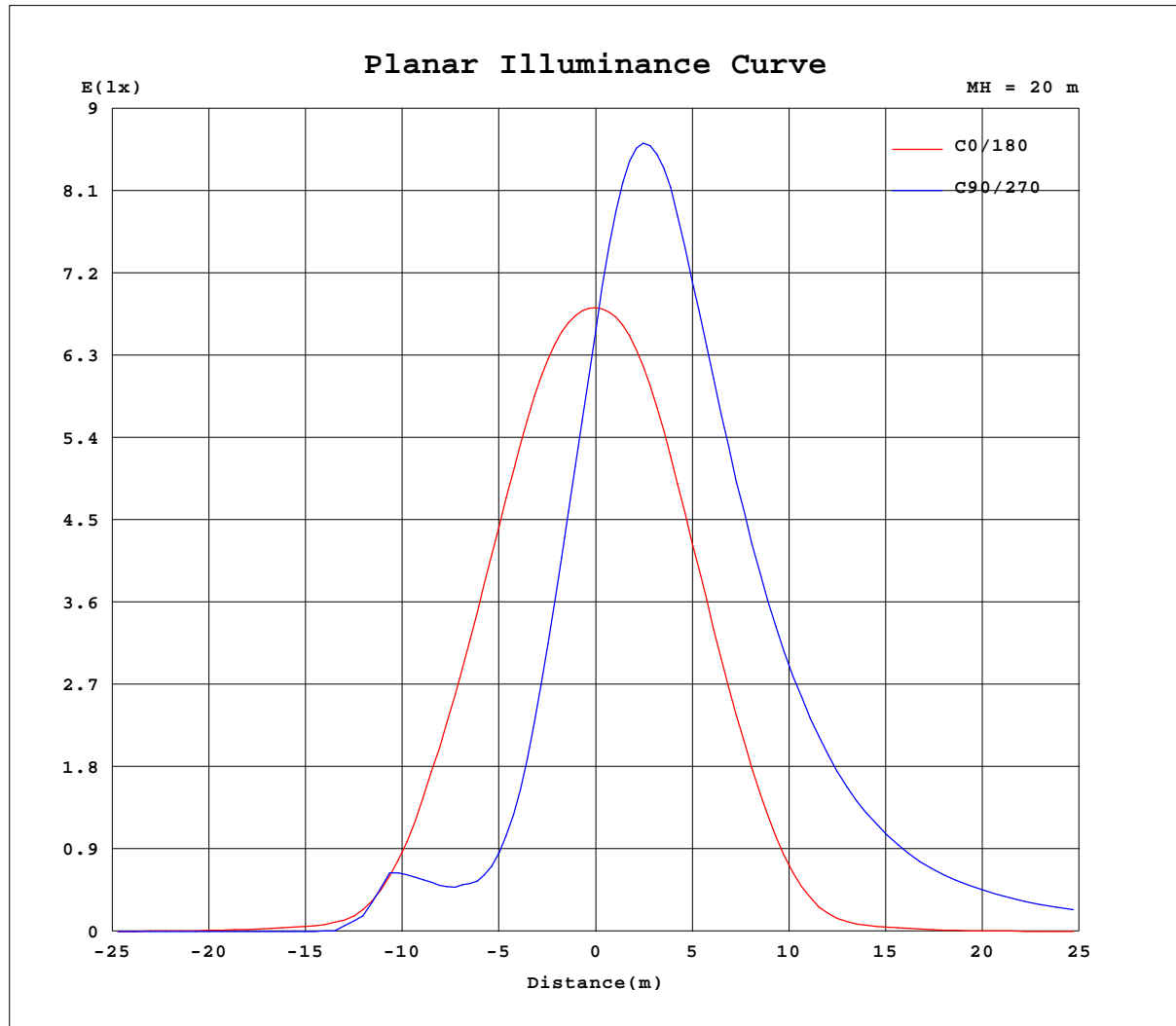
AvgL	cd/m2
L_0~180(65)av	1441
L_0~180(75)av	1832
L_0~180(85)av	2358
L_90~270(65)av	50998
L_90~270(75)av	59766
L_90~270(85)av	102653
L_45(65)av	67833
L_45(75)av	87931
L_45(85)av	185535

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Zoe
Test Date:2023-1-13

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:CLU028-1204C4-303H5M3-F1 Ra:90
REFLECTOR:AP-060C-WW
DRIVER:9290 028 090 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: 2023-1-13

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: CLU028-1204C4-303H5M3-F1 Ra:90
 REFLECTOR: AP-060C-WW
 DRIVER: 9290 028 090 700mA
 30minutes warm-up

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.27V I:0.1275A P:26.942W PF:0.9567 Freq:49.99Hz Lamp Flux:2638.7x1 lm		
NAME: 2214.405A	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2301130044
MFR.: RISE	SUR.:0.00564m2	Shielding Angle:

Table--1

UNIT: cd

C(°) g (°)	0	30	60	90	120	150	180	210	240	270	300	330						
0	2631	2631	2631	2631	2631	2631	2631	2631	2631	2631	2631	2631						
5	2558	2090	1770	1657	1731	2033	2543	3005	3289	3410	3383	3066						
10	2261	1411	942	791	902	1324	2212	3157	3447	3498	3657	3284						
15	1765	800	401	320	376	718	1691	3060	3124	3010	3411	3233						
20	1202	386	225	236	240	332	1103	2679	2591	2378	2862	2854						
25	626	165	227	321	267	160	539	2113	2060	1792	2285	2262						
30	200	97.0	315	198	362	124	160	1549	1581	1315	1756	1647						
35	56.6	109	120	8.00	62.3	157	49.1	1092	1176	943	1306	1137						
40	30.5	145	5.99	1.56	2.35	205	24.5	780	859	685	954	792						
45	16.4	160	1.57	1.16	1.59	174	12.2	575	640	517	713	579						
50	8.28	57.0	1.01	0.62	0.95	29.1	7.07	446	504	405	567	452						
55	4.80	3.21	0.53	0.36	0.53	1.74	5.10	359	418	336	473	372						
60	3.73	1.28	0.29	0.12	0.28	1.21	4.03	292	360	284	404	319						
65	3.39	0.74	0.16	0.14	0.17	0.66	3.48	244	319	243	352	283						
70	3.22	0.39	0.22	0.21	0.23	0.43	3.06	211	286	208	312	260						
75	2.93	0.30	0.34	0.30	0.36	0.40	2.42	188	249	174	270	241						
80	2.42	0.39	0.51	0.43	0.54	0.54	1.83	174	198	136	215	229						
85	1.39	0.53	0.73	0.57	0.77	0.74	0.92	155	147	100	156	208						
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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