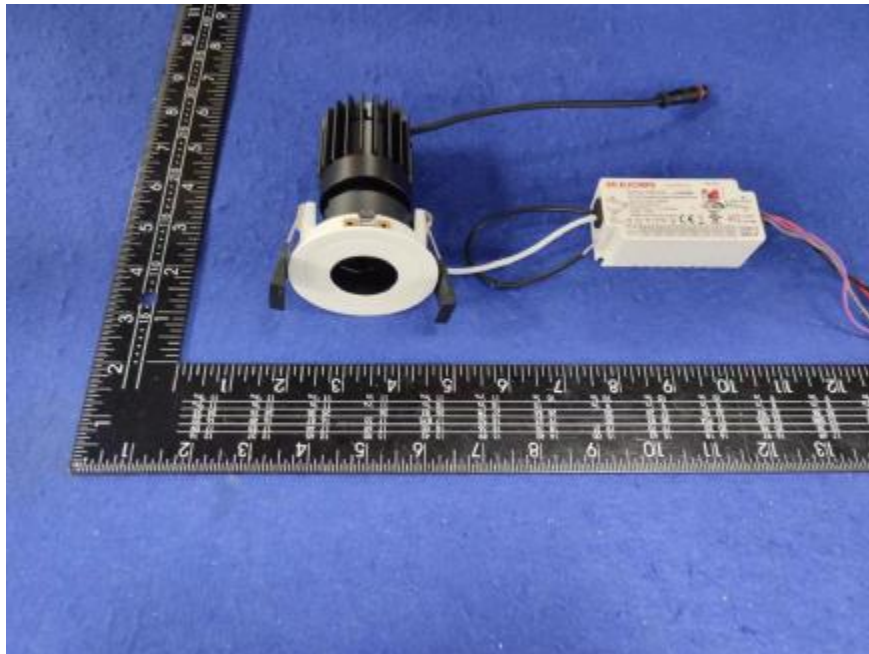


Luminaire Photograph



Light Output Ratio:	60.3%	
Luminaire Power:	12.1 W	
SHR Nominal:	0.50	Calculated using the TM5
SHR Maximum:	0.65	fine grid method.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: zoe
Test Date: 2023-12-11

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: CMA1306-0000-000N0U0A30G Ra:90
LENS: PM-1084C 50R
DRIVER: PUP10A-1WMC-350 260mA
30minutes warm-up

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

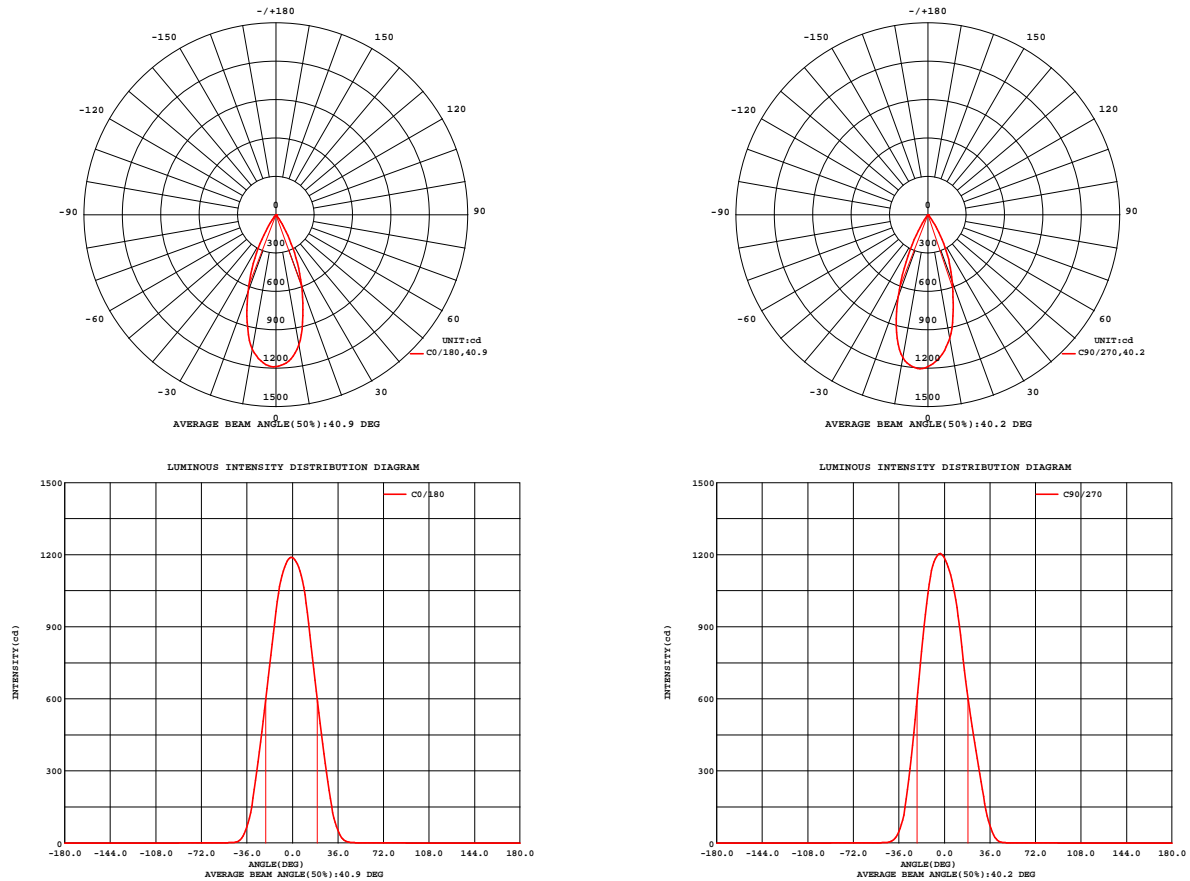


Fig. C0/C180

Fig. C90/C270

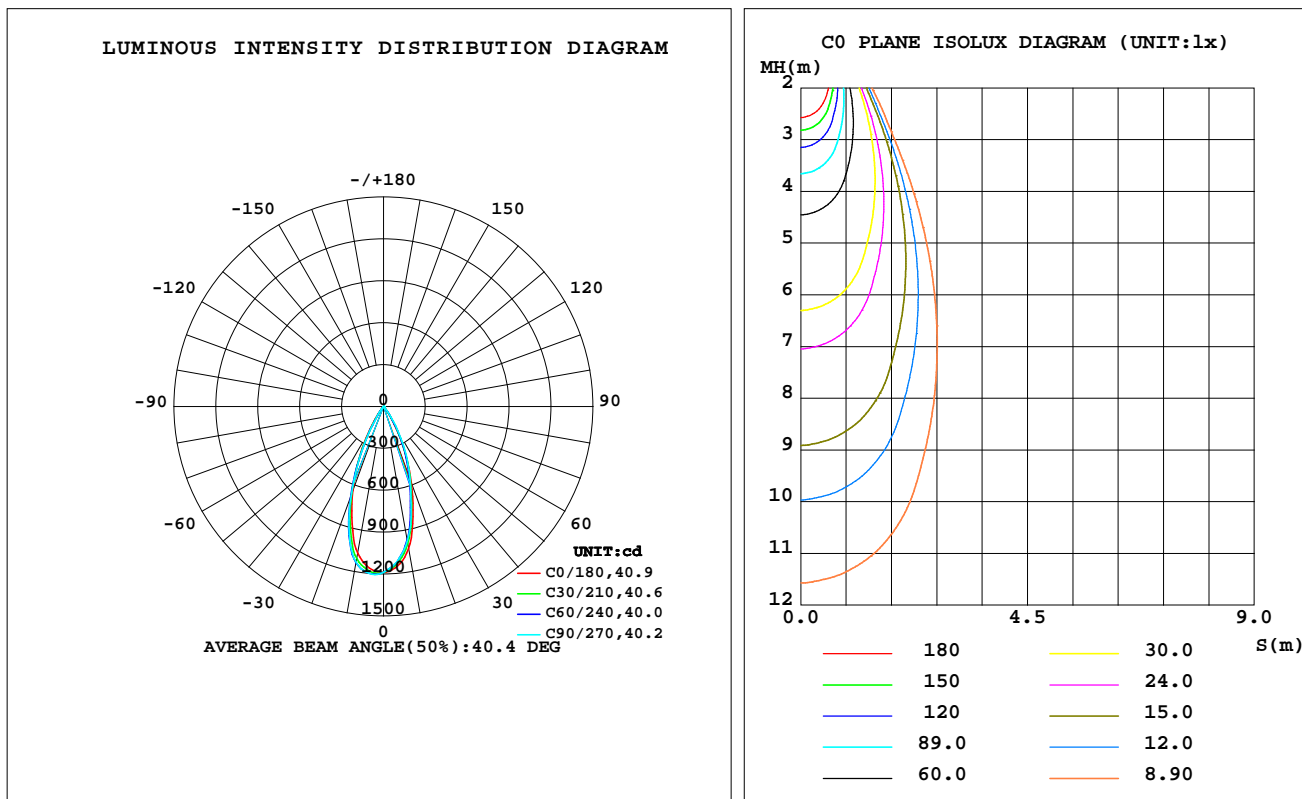
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: zoe
Test Date: 2023-12-11

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: CMA1306-0000-000N0U0A30G Ra:90
LENS: PM-1084C 50R
DRIVER: PUP10A-1WMC-350 260mA
30minutes warm-up

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.25V I:0.1015A P:12.103W PF:0.9904 Freq:59.98Hz Lamp Flux:959.178x1 lm		
NAME: 2318.121-LEA-13	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312111439
MFR.: RISE	SUR.: 0.00061544m2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 47.78 lm/W			
MODEL	CREE	I _{max} (cd)	1205	S/MH(C0/180)	0.67
NOMINAL POWER(W)	12	LOR(%)	60.3	S/MH(C90/270)	0.67
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	578.23	η UP,DN(C0-180)	0.0,29.2
NOMINAL FLUX(lm)	959.178	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,31.0
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	120	η down(%)	60.3	CIBSE SHR MAX	0.65



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-12-11

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:CMA1306-0000-000N0U0A30G Ra:90
LENS:PM-1084C 50R
DRIVER:PUP10A-1WMC-350 260mA
30minutes warm-up

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	1034	986.5	979.9	1016	1067	1122	1134	1092	0- 10	107.1	107.1	18.5,11.2
20	586.3	552.4	557.1	604.4	643.1	682.3	682.3	634.2	10- 20	233.6	340.7	58.9,35.5
30	185.9	201.7	223.8	240.4	223.6	198.7	183.7	175.8	20- 30	179.7	520.4	90,54.3
40	16.16	20.52	23.75	23.54	20.96	15.61	13.33	13.63	30- 40	52.90	573.3	99.1,59.8
50	1.318	1.054	1.014	1.248	1.422	1.311	1.213	1.248	40- 50	3.878	577.1	99.8,60.2
60	0.4915	0.4349	0.4251	0.4958	0.5125	0.4509	0.4317	0.4612	50- 60	0.6974	577.8	99.9,60.2
70	0.1591	0.1413	0.1496	0.1607	0.1490	0.1282	0.1262	0.1410	60- 70	0.2717	578.1	100,60.3
80	0.0514	0.0483	0.0536	0.0532	0.0532	0.0409	0.0404	0.0431	70- 80	0.0917	578.2	100,60.3
90	0	0	0	0	0	0	0	0	80- 90	0.0224	578.2	100,60.3
100	0	0	0	0	0	0	0	0	90-100	0	578.2	100,60.3
110	0	0	0	0	0	0	0	0	100-110	0	578.2	100,60.3
120	0	0	0	0	0	0	0	0	110-120	0	578.2	100,60.3
130	0	0	0	0	0	0	0	0	120-130	0	578.2	100,60.3
140	0	0	0	0	0	0	0	0	130-140	0	578.2	100,60.3
150	0	0	0	0	0	0	0	0	140-150	0	578.2	100,60.3
160	0	0	0	0	0	0	0	0	150-160	0	578.2	100,60.3
170	0	0	0	0	0	0	0	0	160-170	0	578.2	100,60.3
180	0	0	0	0	0	0	0	0	170-180	0	578.2	100,60.3
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:zoe
 Test Date:2023-12-11

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:CMA1306-0000-000N0U0A30G Ra:90
 LENS:PM-1084C 50R
 DRIVER:PUP10A-1WMC-350 260mA
 30minutes warm-up

LUMINANCE LIMITATION CURVES

Test:U:120.25V I:0.1015A P:12.103W PF:0.9904 Freq:59.98Hz
Lamp Flux:959.178x1 lm

NAME: 2318.121-LEA-13

TYPE:

WEIGHT:

SPEC.: 3000K

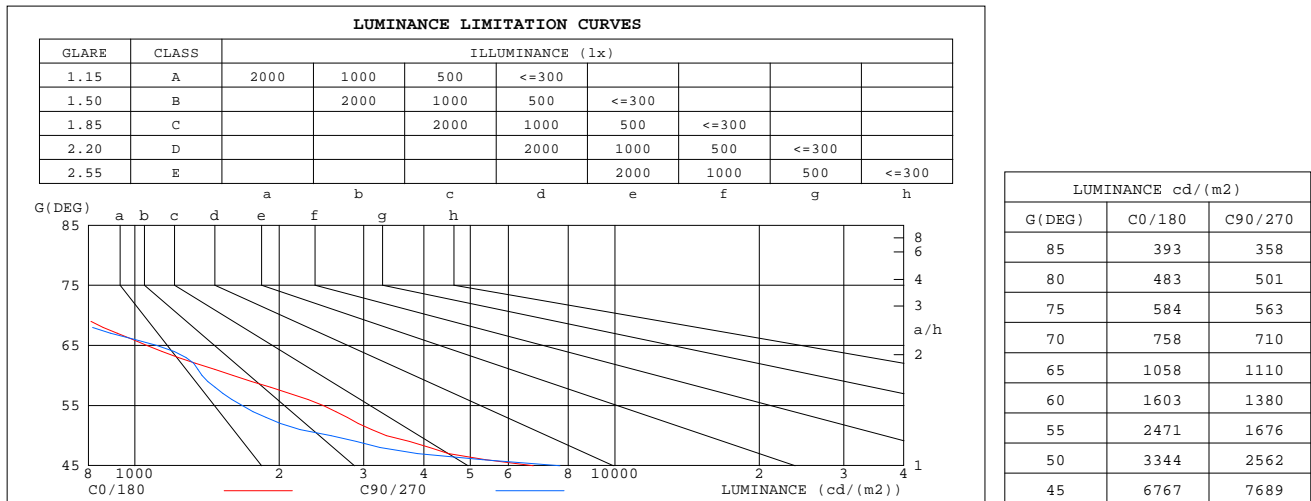
DIM.:

SERIAL No.: 2312111439

MFR.: RISE

SUR.: 0.00061544m2

Shielding Angle:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-12-11

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:CMA1306-0000-000N0U0A30G Ra:90
LENS:PM-1084C 50R
DRIVER:PUP10A-1WMC-350 260mA
30minutes warm-up

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.25V I:0.1015A P:12.103W PF:0.9904 Freq:59.98Hz
Lamp Flux:959.178x1 lm

NAME: 2318.121-LEA-13

TYPE:

WEIGHT:

SPEC.: 3000K

DIM.:

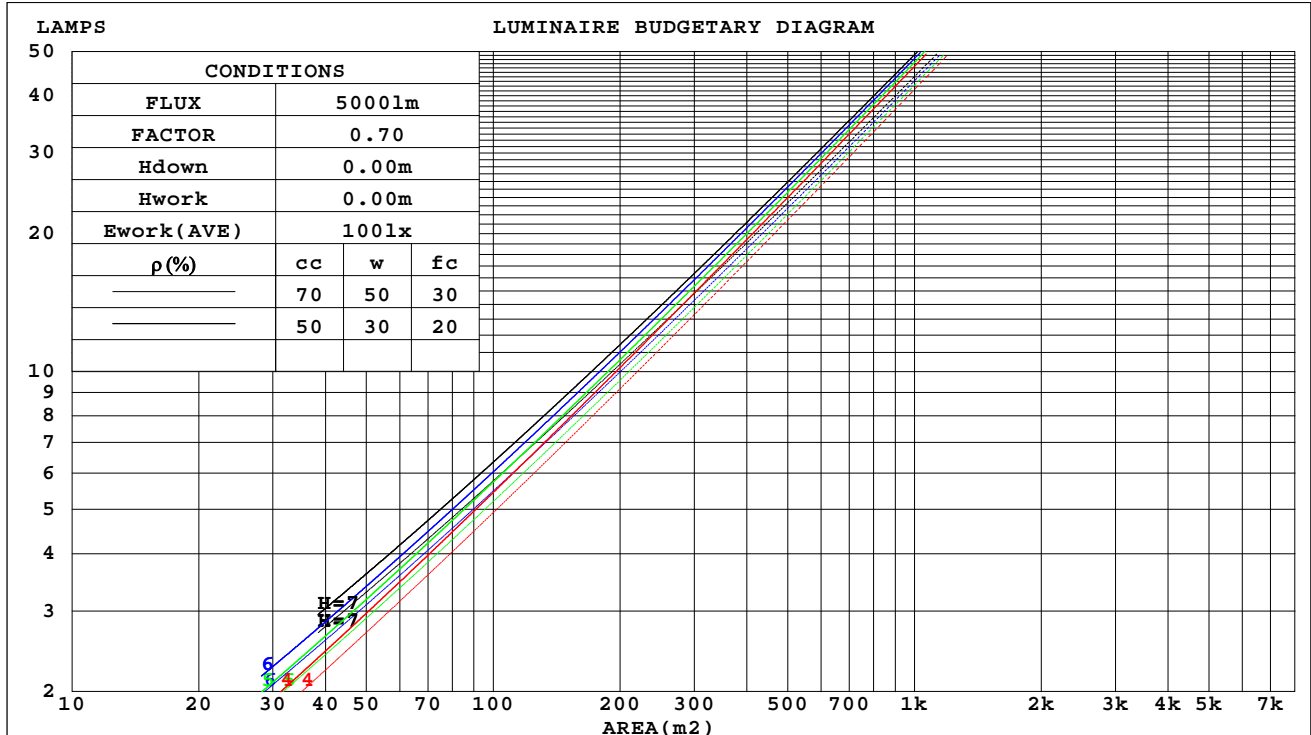
SERIAL No.: 2312111439

MFR.: RISE

SUR.: 0.00061544m2

Shielding Angle:

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio			Coefficients of Utilization(CU)												
0.0	.72	.72	.72	.70	.70	.70	.67	.67	.67	.64	.64	.64	.62	.62	.62	.60
1.0	.68	.66	.65	.66	.65	.64	.64	.63	.62	.62	.61	.60	.60	.59	.58	.57
2.0	.64	.62	.60	.63	.61	.59	.61	.59	.58	.59	.58	.57	.57	.56	.56	.55
3.0	.60	.58	.56	.60	.57	.55	.58	.56	.54	.57	.55	.54	.55	.54	.53	.52
4.0	.57	.54	.52	.57	.54	.52	.55	.53	.51	.54	.52	.51	.53	.52	.50	.49
5.0	.54	.52	.49	.54	.51	.49	.53	.51	.49	.52	.50	.48	.51	.49	.48	.47
6.0	.52	.49	.47	.51	.49	.47	.51	.48	.46	.50	.48	.46	.49	.47	.46	.45
7.0	.50	.47	.44	.49	.46	.44	.48	.46	.44	.48	.46	.44	.47	.45	.44	.43
8.0	.47	.44	.42	.47	.44	.42	.47	.44	.42	.46	.44	.42	.45	.43	.42	.41
9.0	.45	.42	.40	.45	.42	.40	.45	.42	.40	.44	.42	.40	.44	.42	.40	.39
10.0	.44	.41	.39	.43	.41	.39	.43	.40	.39	.42	.40	.38	.42	.40	.38	.38



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-12-11

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:CMA1306-0000-000N0U0A30G Ra:90
LENS:PM-1084C 50R
DRIVER:PUP10A-1WMC-350 260mA
30minutes warm-up

WEC AND CCEC

Test:U:120.25V I:0.1015A P:12.103W PF:0.9904 Freq:59.98Hz Lamp Flux:959.178x1 lm		
NAME: 2318.121-LEA-13	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312111439
MFR.: RISE	SUR.: 0.00061544m2	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	.093	.053	.017	.089	.051	.016	.082	.047	.015	.075	.043	.014	.068	.040	.013		
2.0	.088	.048	.015	.084	.046	.014	.078	.043	.013	.072	.041	.013	.067	.038	.012		
3.0	.083	.044	.013	.080	.043	.013	.075	.041	.012	.070	.038	.012	.065	.036	.011		
4.0	.079	.041	.012	.076	.040	.012	.072	.038	.011	.067	.036	.011	.064	.035	.011		
5.0	.075	.038	.011	.073	.037	.011	.069	.036	.011	.065	.034	.010	.062	.033	.010		
6.0	.071	.036	.010	.069	.035	.010	.066	.034	.010	.063	.033	.010	.060	.032	.009		
7.0	.068	.034	.010	.067	.033	.009	.064	.032	.009	.061	.031	.009	.058	.030	.009		
8.0	.065	.032	.009	.064	.031	.009	.061	.031	.009	.059	.030	.009	.056	.029	.008		
9.0	.063	.030	.008	.061	.030	.008	.059	.029	.008	.057	.029	.008	.055	.028	.008		
10.0	.060	.029	.008	.059	.029	.008	.057	.028	.008	.055	.027	.008	.053	.027	.008		

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	.115	.115	.115	.098	.098	.098	.067	.067	.067	.038	.038	.038	.012	.012	.012	
1.0	.102	.095	.088	.087	.081	.076	.060	.056	.053	.034	.032	.031	.011	.010	.010	
2.0	.092	.080	.070	.079	.069	.060	.054	.048	.042	.031	.028	.025	.010	.009	.008	
3.0	.084	.068	.056	.072	.059	.049	.049	.041	.034	.028	.024	.020	.009	.008	.007	
4.0	.077	.059	.046	.066	.051	.040	.045	.036	.028	.026	.021	.017	.008	.007	.005	
5.0	.071	.052	.038	.061	.045	.033	.042	.031	.023	.024	.018	.014	.008	.006	.005	
6.0	.066	.046	.032	.057	.040	.028	.039	.028	.020	.023	.016	.012	.007	.005	.004	
7.0	.062	.042	.027	.053	.036	.024	.037	.025	.017	.021	.015	.010	.007	.005	.003	
8.0	.058	.038	.023	.050	.033	.020	.035	.023	.014	.020	.014	.009	.007	.004	.003	
9.0	.055	.034	.020	.048	.030	.018	.033	.021	.012	.019	.012	.007	.006	.004	.002	
10.0	.053	.032	.018	.045	.027	.015	.031	.019	.011	.018	.011	.007	.006	.004	.002	

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-12-11

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:CMA1306-0000-000N0U0A30G Ra:90
LENS:PM-1084C 50R
DRIVER:PUP10A-1WMC-350 260mA
30minutes warm-up

UGR(Unified Glare Rating) Table

Test:U:120.25V I:0.1015A P:12.103W PF:0.9904 Freq:59.98Hz Lamp Flux:959.178x1 lm										
NAME: 2318.121-LEA-13					TYPE:			WEIGHT:		
SPEC.: 3000K					DIM.:			SERIAL No.: 2312111439		
MFR.: RISE					SUR.: 0.00061544m2			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	17.7	18.5	17.9	18.7	18.8	18.8	19.6	19.1	19.8	19.9
3H	17.6	18.3	17.8	18.5	18.7	18.7	19.4	18.9	19.6	19.8
4H	17.5	18.2	17.7	18.4	18.6	18.6	19.3	18.9	19.5	19.7
6H	17.4	18.0	17.7	18.3	18.5	18.5	19.2	18.8	19.4	19.6
8H	17.3	18.0	17.6	18.2	18.5	18.5	19.1	18.8	19.3	19.6
12H	17.3	17.9	17.6	18.2	18.4	18.4	19.0	18.7	19.3	19.6
4H 2H	17.5	18.2	17.7	18.4	18.6	18.6	19.3	18.9	19.5	19.7
3H	17.3	17.9	17.6	18.2	18.4	18.4	19.0	18.7	19.3	19.6
4H	17.2	17.7	17.5	18.0	18.3	18.3	18.9	18.7	19.2	19.5
6H	17.1	17.6	17.5	17.9	18.3	18.2	18.7	18.6	19.0	19.4
8H	17.1	17.5	17.4	17.8	18.2	18.2	18.6	18.6	19.0	19.3
12H	17.0	17.4	17.4	17.8	18.2	18.1	18.5	18.5	18.9	19.3
8H 4H	17.1	17.5	17.4	17.8	18.2	18.2	18.6	18.6	19.0	19.3
6H	16.9	17.3	17.4	17.7	18.1	18.1	18.4	18.5	18.8	19.2
8H	16.9	17.2	17.3	17.6	18.1	18.0	18.3	18.5	18.8	19.2
12H	16.8	17.1	17.3	17.5	18.0	18.0	18.2	18.4	18.7	19.1
12H 4H	17.0	17.4	17.4	17.8	18.2	18.1	18.5	18.5	18.9	19.3
6H	16.9	17.2	17.3	17.6	18.1	18.0	18.3	18.5	18.8	19.2
8H	16.8	17.1	17.3	17.5	18.0	18.0	18.2	18.4	18.7	19.1
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 4.5 / -15.2					+ 5.0 / -18.2				
1.5H	+ 7.3 / -14.0					+ 7.7 / -16.9				
2.0H	+ 5.4 / - 3.8					+ 6.7 / - 3.2				

CIE Pub.117, 959.2 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -0.1)
Area: 0.00061544 m2

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-12-11

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:CMA1306-0000-000N0U0A30G Ra:90
LENS:PM-1084C 50R
DRIVER:PUP10A-1WMC-350 260mA
30minutes warm-up

UTILIZATION FACTORS TABLE

Test:U:120.25V I:0.1015A P:12.103W PF:0.9904 Freq:59.98Hz Lamp Flux:959.178x1 lm		
NAME: 2318.121-LEA-13	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312111439
MFR.: RISE	SUR.: 0.00061544m2	Shielding Angle:

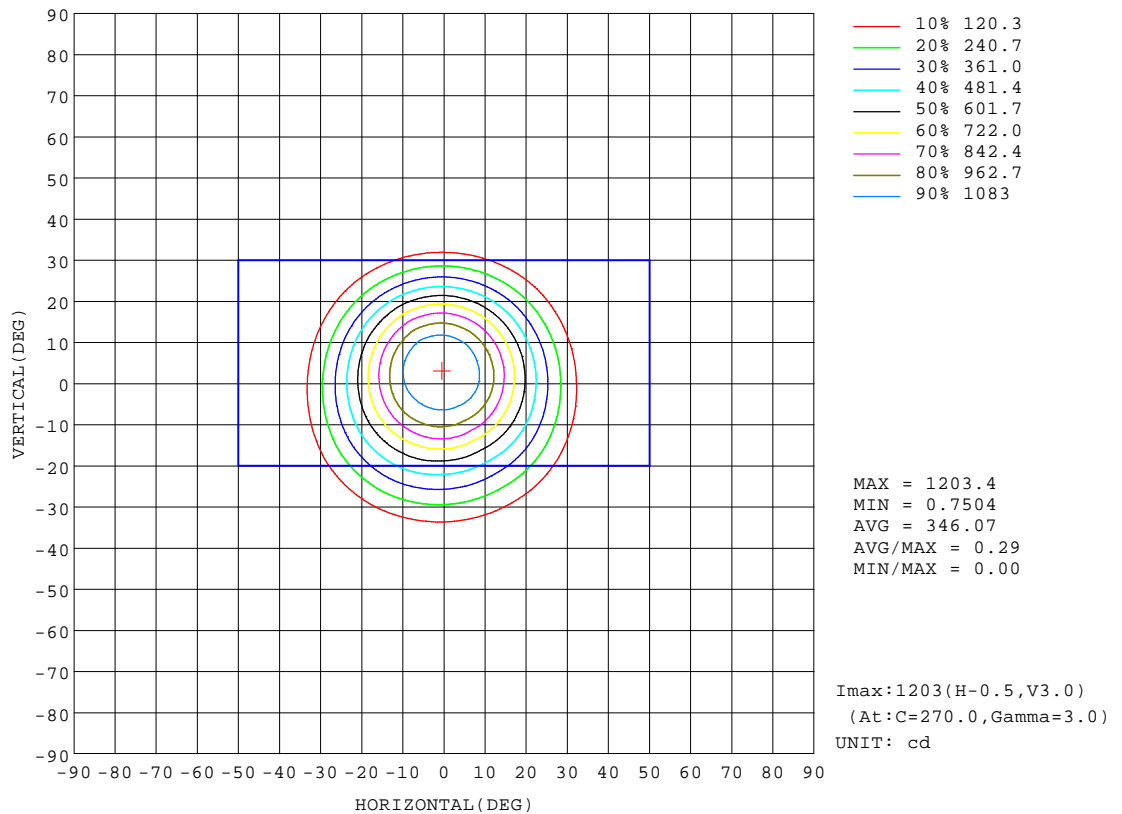
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	55	51	49	55	51	49	54	51	49	47
0.80	59	56	54	59	56	54	58	55	54	52
1.00	61	58	56	61	58	56	60	58	56	54
1.25	63	61	59	63	60	59	62	60	58	56
1.50	65	62	61	64	62	60	63	61	60	57
2.00	66	64	62	65	63	62	64	62	61	58
2.50	67	65	63	66	64	63	64	63	62	58
3.00	68	66	65	67	65	64	65	64	63	59
4.00	69	68	66	68	67	66	66	65	64	60
5.00	70	69	68	68	67	67	66	65	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:2023-12-11

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:CMA1306-0000-000N0U0A30G Ra:90
LENS:PM-1084C 50R
DRIVER:PUP10A-1WMC-350 260mA
30minutes warm-up

ISOCANDELA DIAGRAM

Test:U:120.25V I:0.1015A P:12.103W PF:0.9904 Freq:59.98Hz Lamp Flux:959.178x1 lm		
NAME: 2318.121-LEA-13	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312111439
MFR.: RISE	SUR.: 0.00061544m2	Shielding Angle:

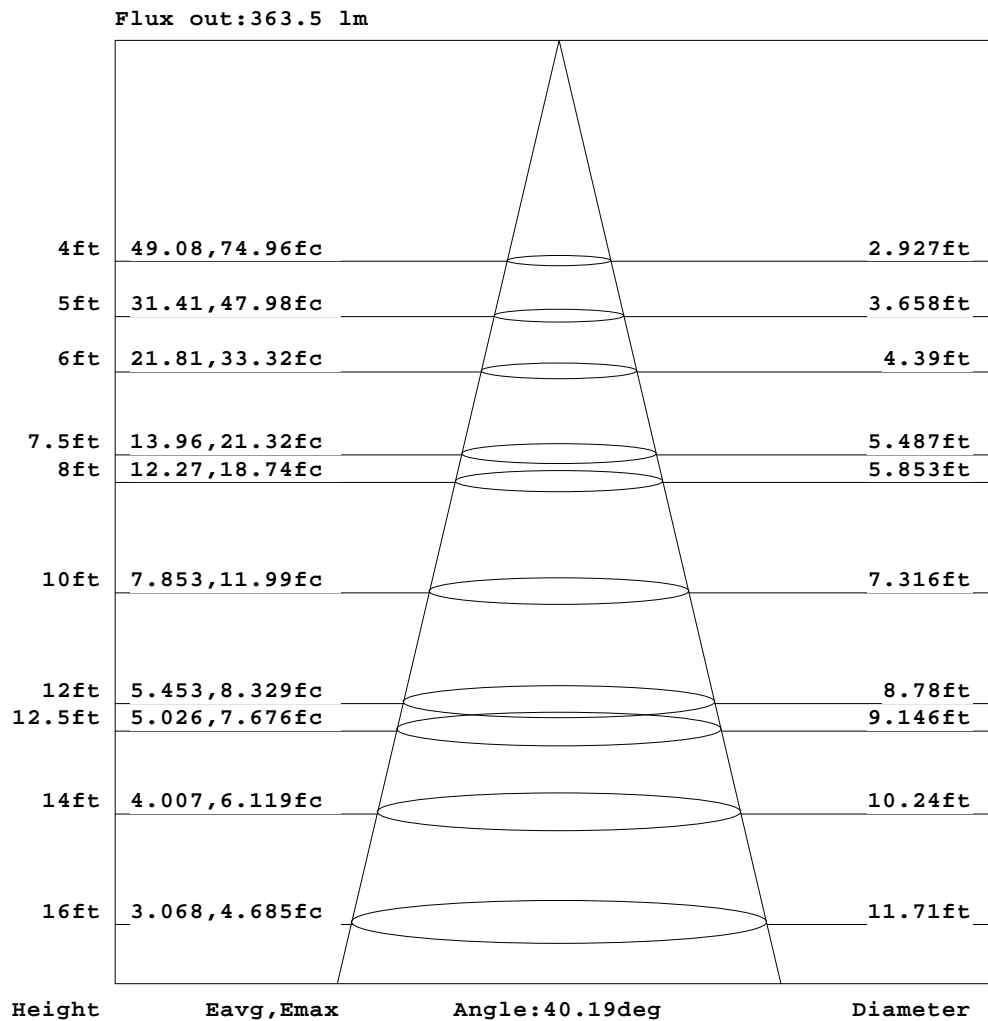


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-12-11

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:CMA1306-0000-000N0U0A30G Ra:90
LENS:PM-1084C 50R
DRIVER:PUP10A-1WMC-350 260mA
30minutes warm-up

AAI Figure

Test:U:120.25V I:0.1015A P:12.103W PF:0.9904 Freq:59.98Hz Lamp Flux:959.178x1 lm		
NAME: 2318.121-LEA-13	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312111439
MFR.: RISE	SUR.: 0.00061544m2	Shielding Angle:



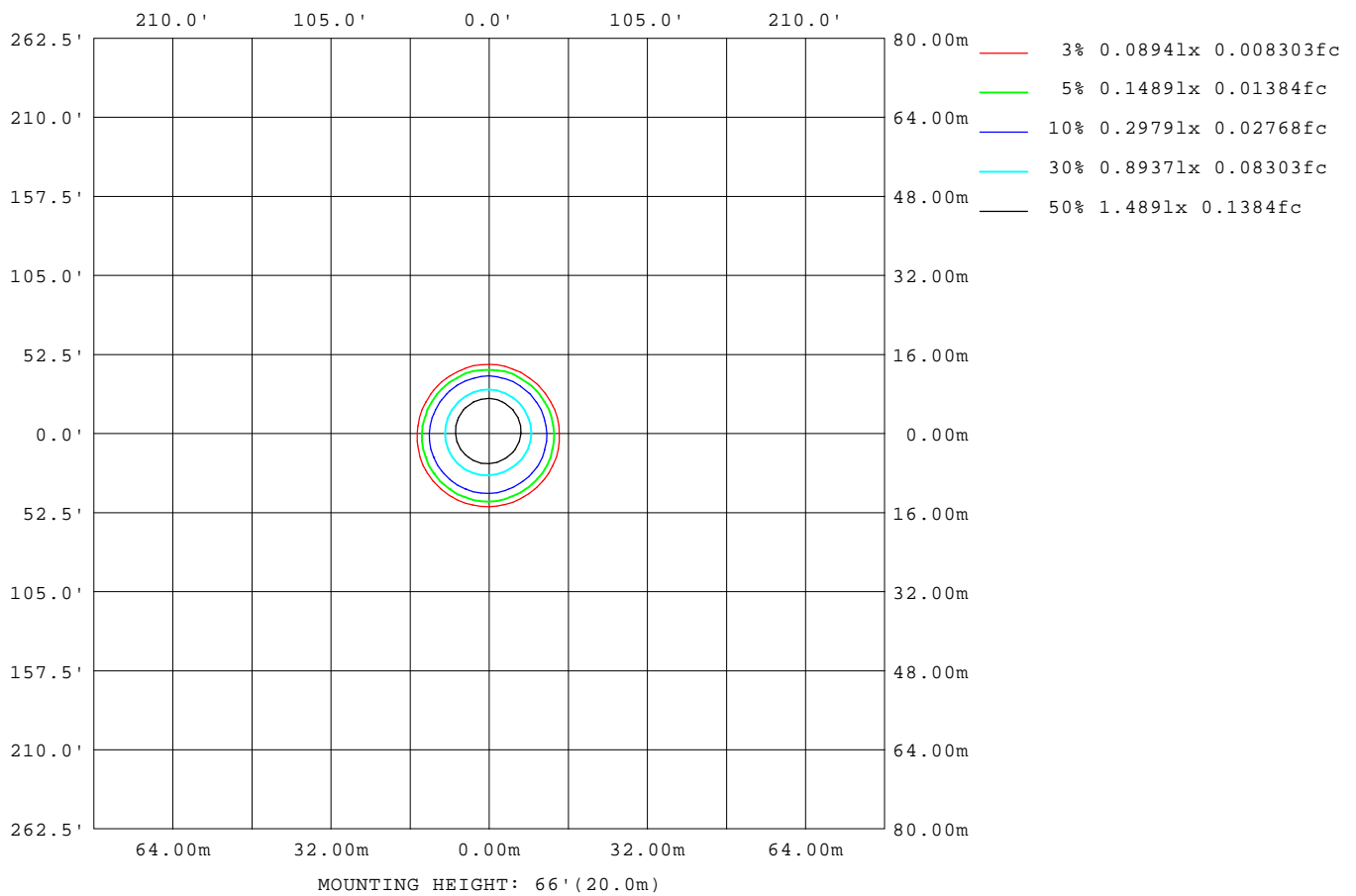
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-12-11

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:CMA1306-0000-000N0U0A30G Ra:90
LENS:PM-1084C 50R
DRIVER:PUP10A-1WMC-350 260mA
30minutes warm-up

ISOLUX DIAGRAM

Test:U:120.25V I:0.1015A P:12.103W PF:0.9904 Freq:59.98Hz Lamp Flux:959.178x1 lm		
NAME: 2318.121-LEA-13	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312111439
MFR.: RISE	SUR.: 0.00061544m2	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:zoe
Test Date:2023-12-11

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:CMA1306-0000-000N0U0A30G Ra:90
LENS:PM-1084C 50R
DRIVER:PUP10A-1WMC-350 260mA
30minutes warm-up

LED Avg.L Report

Test:U:120.25V I:0.1015A P:12.103W PF:0.9904 Freq:59.98Hz Lamp Flux:959.178x1 lm		
NAME: 2318.121-LEA-13	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312111439
MFR.: RISE	SUR.: 0.00061544m2	Shielding Angle:

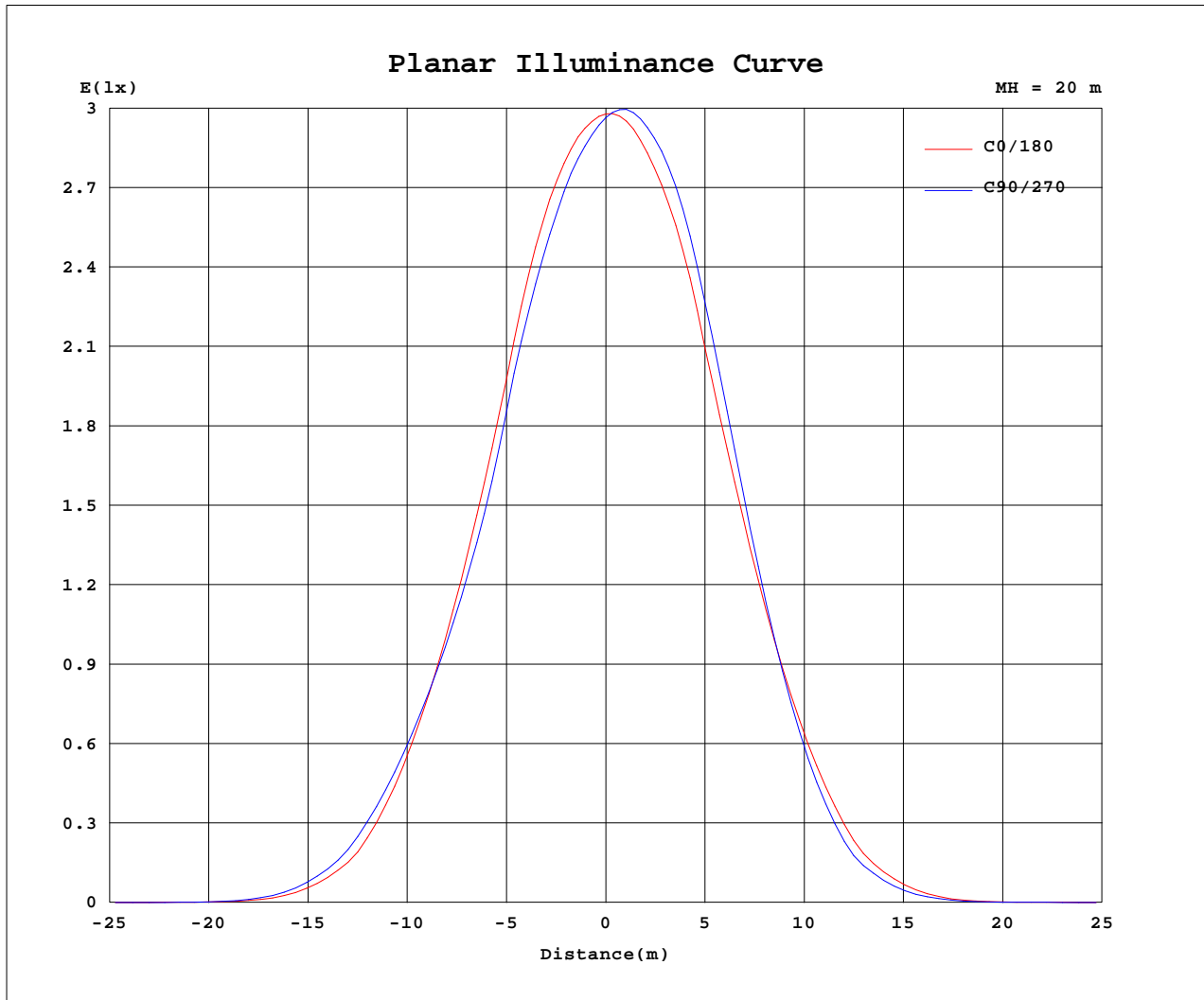
AvgL	cd/m2
L_0~180(65)av	1053
L_0~180(75)av	570
L_0~180(85)av	389
L_90~270(65)av	999
L_90~270(75)av	494
L_90~270(85)av	330
L_45(65)av	991
L_45(75)av	513
L_45(85)av	311

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-12-11

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:CMA1306-0000-000N0U0A30G Ra:90
LENS:PM-1084C 50R
DRIVER:PUP10A-1WMC-350 260mA
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: 2023-12-11

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: CMA1306-0000-000N0U0A30G Ra:90
 LENS: PM-1084C 50R
 DRIVER: PUP10A-1WMC-350 260mA
 30minutes warm-up

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.25V I:0.1015A P:12.103W PF:0.9904 Freq:59.98Hz Lamp Flux:959.178x1 lm		
NAME: 2318.121-LEA-13	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312111439
MFR.: RISE	SUR.: 0.00061544m2	Shielding Angle:

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	1187	1187	1187	1187	1187	1187	1187	1187	1187	1187	1187	1187						
5	1148	1131	1118	1116	1127	1143	1161	1182	1198	1199	1187	1167						
10	1034	999	973	980	998	1033	1067	1107	1137	1134	1111	1073						
15	817	777	750	764	790	835	872	917	956	951	917	869						
20	586	564	541	557	589	620	643	672	693	682	652	616						
25	371	371	363	385	411	426	420	420	415	406	389	375						
30	186	200	203	224	239	242	224	205	193	184	175	177						
35	69.1	77.9	83.9	92.9	97.7	96.9	84.3	72.8	65.3	61.0	59.0	62.3						
40	16.2	19.9	21.1	23.8	23.6	23.5	21.0	16.2	15.0	13.3	13.1	14.2						
45	2.93	2.99	3.02	3.35	3.34	3.41	3.03	2.78	2.73	2.53	2.46	2.62						
50	1.32	1.13	0.98	1.01	1.14	1.36	1.42	1.35	1.27	1.21	1.22	1.28						
55	0.87	0.70	0.58	0.59	0.67	0.81	0.92	0.85	0.80	0.78	0.80	0.84						
60	0.49	0.46	0.41	0.43	0.47	0.52	0.51	0.47	0.44	0.43	0.45	0.47						
65	0.27	0.25	0.25	0.29	0.29	0.29	0.27	0.25	0.23	0.23	0.24	0.26						
70	0.16	0.14	0.14	0.15	0.16	0.16	0.15	0.13	0.12	0.13	0.13	0.15						
75	0.09	0.09	0.08	0.09	0.09	0.09	0.09	0.08	0.07	0.07	0.07	0.09						
80	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.04	0.04	0.04	0.04	0.05						
85	0.02	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.02	0.01	0.02						
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
Test Date:2023-12-11

γ Range: 0 - 180DEG
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