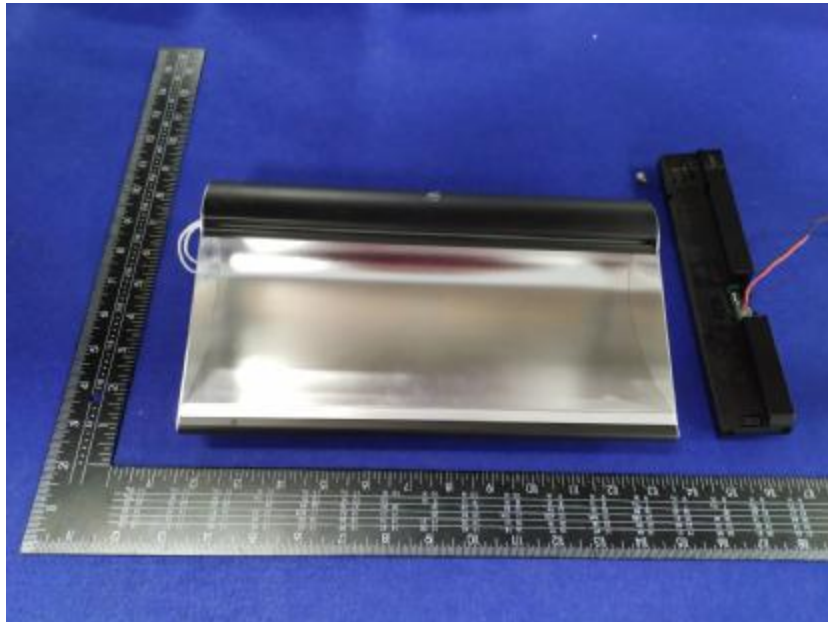


## Luminaire Photograph



Light Output Ratio:	75.1%	
Luminaire Power:	32.19 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: 2019-04-25

g Range: 0 - 90DEG  
g Interval: 1.0DEG  
Test System: EVERFINE GO-SPEX500\_V1 SYSTEM V2.0.402  
Humidity: 65.0%  
Test Distance: 3.160m [K=1.0000]  
Remarks: LAMP: NF2L757GRT-V1 3000k Ra:90  
DRIVER: PRO-041050 850mA  
REFLECTOR: MR-1048B 60R  
30minutes warm-up

## LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

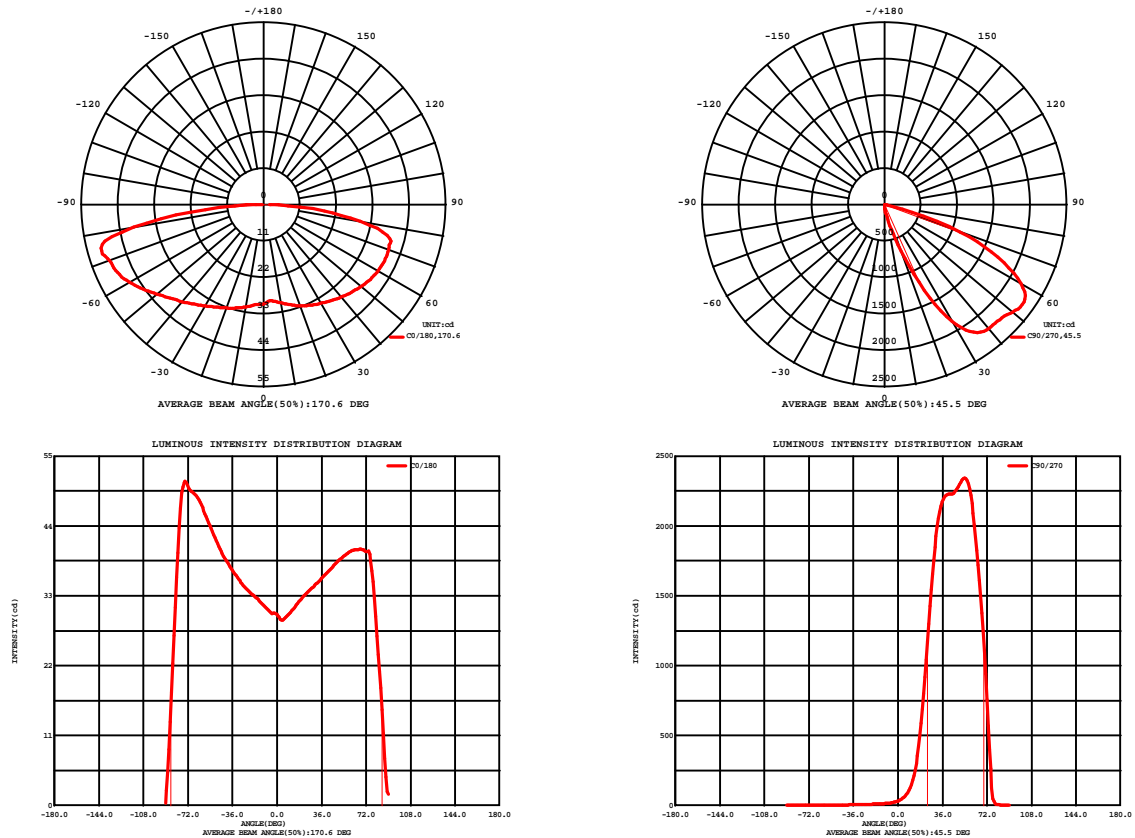


Fig. C0/C180

Fig. C90/C270

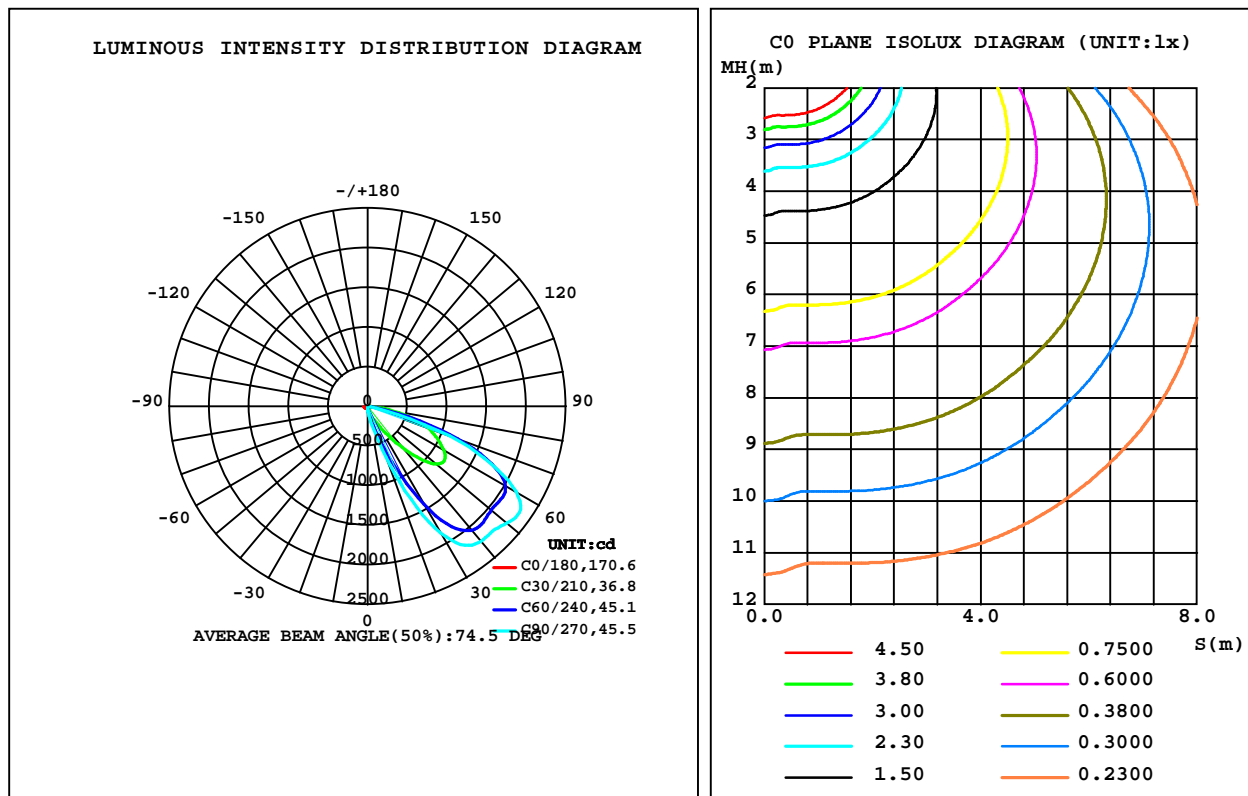
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: zoe  
Test Date: 2019-04-25

Range: 0 - 90DEG  
Interval: 1.0DEG  
Test System: EVERFINE GO-SPEX500\_V1 SYSTEM V2.0.402  
Humidity: 65.0%  
Test Distance: 3.160m [K=1.0000]  
Remarks: LAMP: NF2L757GRT-V1 3000k Ra: 90  
DRIVER: PRO-041050 850mA  
REFLECTOR: MR-1048B 60R  
30minutes warm-up

## LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.10V I:0.1479A P:32.189W PF:0.9875 Freq:49.99Hz Lamp Flux:3430.82x1 lm		
NAME: 1619.101A	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:1904250894
MFR.: RISE	SUR.:0.0348m2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 80.04 lm/W			
MODEL	NICHIA	I <sub>max</sub> (cd)	2341	S/MH(C0/180)	1.90
NOMINAL POWER(W)	33	LOR(%)	75.1	S/MH(C90/270)	0.29
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	2576.4	h UP,DN(C0-180)	0.0,74.1
NOMINAL FLUX(lm)	3430.82	CIE CLASS	DIRECT	h UP,DN(C180-360)	0.0,1.0
LAMPS INSIDE	1	h up(%)	0.0	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	220	h down(%)	75.1	CIBSE SHR MAX	1.00



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:zoe  
Test Date:2019-04-25

g Range: 0 - 90DEG  
Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.0.402  
Humidity:65.0%  
Test Distance:3.160m [K=1.0000]  
Remarks: LAMP:NF2L757GRT-V1 3000k Ra:90  
DRIVER:PRO-041050 850mA  
REFLECTOR:MR-1048B 60R  
30minutes warm-up

## ZONAL FLUX DIAGRAM

### ZONAL FLUX DIAGRAM:

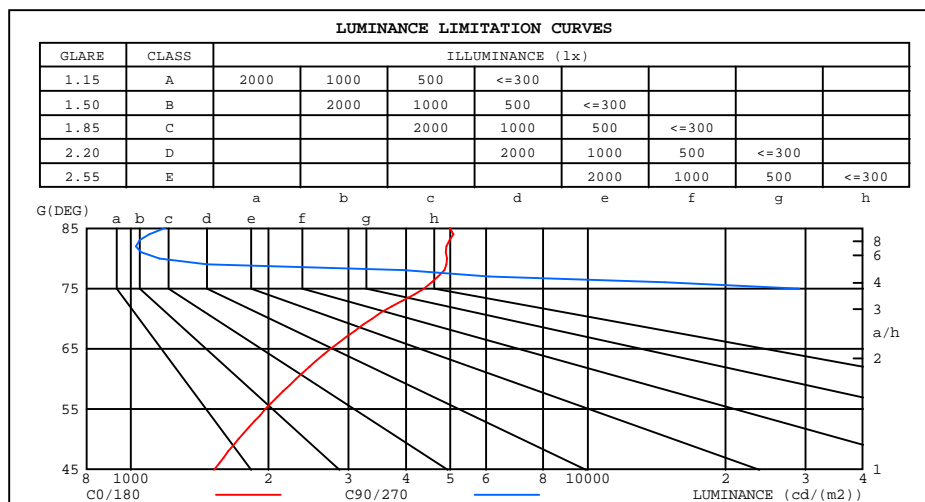
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum,lamp
10	30.17	78.18	127.6	85.62	31.42	17.87	14.41	17.42	0- 10	3.783	3.783	0.15,0.11
20	32.53	283.0	687.5	317.3	33.24	13.52	9.271	13.19	10- 20	28.65	32.44	1.26,0.95
30	34.50	860.3	1847	923.5	35.37	11.15	6.550	10.82	20- 30	147.2	179.6	6.97,5.23
40	36.50	1363	2224	1415	38.33	9.278	4.554	8.777	30- 40	363.2	542.8	21.1,15.8
50	38.49	1587	2295	1582	42.11	7.335	2.996	6.698	40- 50	542.3	1085	42.1,31.6
60	40.03	1558	2161	1517	46.85	5.035	1.756	4.356	50- 60	655.3	1740	67.6,50.7
70	40.23	1020	1104	1014	49.63	2.748	0.9879	2.330	60- 70	581.6	2322	90.1,67.7
80	29.77	145.2	6.997	155.4	39.79	1.130	0.5120	0.9715	70- 80	237.7	2560	99.4,74.6
90	1.809	1.984	1.538	1.857	0.4006	1.330	1.057	1.254	80- 90	16.71	2576	100,75.1
100									90-100			
110									100-110			
120									110-120			
130									120-130			
140									130-140			
150									140-150			
160									150-160			
170									160-170			
180									170-180			
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:zoe  
Test Date:2019-04-25

g Range: 0 - 90DEG  
Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.0.402  
Humidity:65.0%  
Test Distance:3.160m [K=1.0000]  
Remarks: LAMP:NF2L757GRT-V1 3000k Ra:90  
DRIVER:PRO-041050 850mA  
REFLECTOR:MR-1048B 60R  
30minutes warm-up

## LUMINANCE LIMITATION CURVES

Test:U:220.10V I:0.1479A P:32.189W PF:0.9875 Freq:49.99Hz Lamp Flux:3430.82x1 lm		
NAME: 1619.101A	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:1904250894
MFR.: RISE	SUR.:0.0348m2	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	4981	1191
80	4927	1158
75	4391	29010
70	3380	92771
65	2738	117038
60	2301	124186
55	1972	117148
50	1721	102600
45	1524	90759

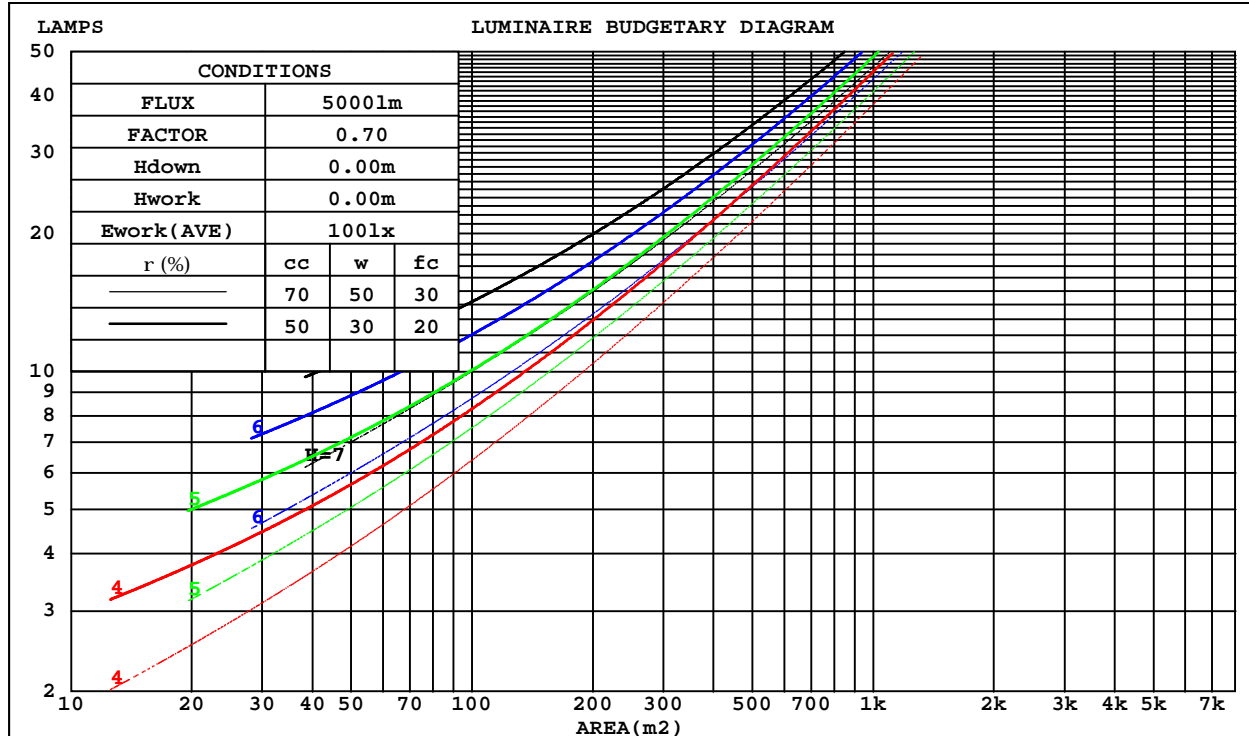
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:zoe  
Test Date:2019-04-25

G Range: 0 - 90DEG  
G Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.0.402  
Humidity:65.0%  
Test Distance:3.160m [K=1.0000]  
Remarks: LAMP:NF2L757GRT-V1 3000k Ra:90  
DRIVER:PRO-041050 850mA  
REFLECTOR:MR-1048B 60R  
30minutes warm-up

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.10V I:0.1479A P:32.189W PF:0.9875 Freq:49.99Hz Lamp Flux:3430.82x1 lm		
NAME: 1619.101A	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:1904250894
MFR.: RISE	SUR.:0.0348m2	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	.89	.89	.89	.87	.87	.87	.83	.83	.83	.80	.80	.80	.77	.77	.77	.75
1.0	.76	.72	.69	.74	.71	.68	.71	.68	.66	.68	.66	.64	.65	.64	.62	.60
2.0	.64	.58	.53	.62	.57	.52	.60	.55	.51	.57	.53	.49	.55	.51	.48	.46
3.0	.54	.46	.41	.52	.46	.40	.50	.44	.39	.48	.43	.39	.46	.42	.38	.36
4.0	.46	.38	.32	.45	.37	.32	.43	.36	.31	.41	.35	.31	.39	.34	.30	.28
5.0	.39	.31	.25	.38	.31	.25	.37	.30	.25	.35	.29	.25	.33	.28	.24	.22
6.0	.34	.26	.21	.33	.26	.20	.32	.25	.20	.30	.25	.20	.29	.24	.20	.18
7.0	.30	.22	.17	.29	.22	.17	.28	.21	.17	.27	.21	.16	.26	.20	.16	.15
8.0	.27	.19	.14	.26	.19	.14	.25	.18	.14	.24	.18	.14	.23	.18	.14	.12
9.0	.24	.17	.12	.23	.16	.12	.22	.16	.12	.21	.16	.12	.21	.15	.12	.10
10.0	.21	.15	.10	.21	.14	.10	.20	.14	.10	.19	.14	.10	.19	.14	.10	.08



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:zoe  
Test Date:2019-04-25

g Range: 0 - 90DEG  
Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.0.402  
Humidity:65.0%  
Test Distance:3.160m [K=1.0000]  
Remarks: LAMP:NF2L757GRT-V1 3000k Ra:90  
DRIVER:PRO-041050 850mA  
REFLECTOR:MR-1048B 60R  
30minutes warm-up

### WEC AND CCEC

Test:U:220.10V I:0.1479A P:32.189W PF:0.9875 Freq:49.99Hz Lamp Flux:3430.82x1 lm		
NAME: 1619.101A	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:1904250894
MFR.: RISE	SUR.:0.0348m2	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	.267	.152	.048	.262	.149	.047	.252	.145	.046	.243	.140	.045	.234	.136	.044	
2.0	.259	.142	.044	.254	.140	.043	.245	.136	.042	.236	.133	.041	.229	.129	.041	
3.0	.241	.128	.038	.236	.126	.038	.228	.124	.038	.220	.121	.037	.213	.118	.037	
4.0	.221	.115	.034	.217	.114	.034	.210	.111	.033	.203	.109	.033	.197	.107	.033	
5.0	.203	.104	.030	.200	.103	.030	.193	.101	.030	.187	.099	.029	.181	.097	.029	
6.0	.187	.094	.027	.184	.093	.027	.178	.091	.027	.173	.090	.026	.167	.088	.026	
7.0	.173	.085	.024	.170	.085	.024	.165	.083	.024	.160	.082	.024	.155	.081	.024	
8.0	.160	.078	.022	.158	.078	.022	.153	.076	.022	.148	.075	.022	.144	.074	.022	
9.0	.149	.072	.020	.147	.071	.020	.142	.070	.020	.138	.069	.020	.135	.068	.020	
10.0	.139	.067	.018	.137	.066	.018	.133	.065	.018	.130	.064	.018	.126	.063	.018	

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	.143	.143	.143	.122	.122	.122	.083	.083	.083	.048	.048	.048	.015	.015	.015	
1.0	.138	.117	.098	.118	.100	.084	.081	.069	.058	.046	.040	.034	.015	.013	.011	
2.0	.135	.099	.069	.115	.085	.059	.079	.059	.041	.046	.034	.024	.015	.011	.008	
3.0	.131	.086	.050	.112	.074	.044	.077	.052	.031	.044	.030	.018	.014	.010	.006	
4.0	.126	.077	.039	.108	.066	.034	.074	.046	.024	.043	.027	.014	.014	.009	.005	
5.0	.121	.069	.031	.104	.060	.027	.072	.042	.019	.042	.025	.011	.013	.008	.004	
6.0	.116	.063	.026	.100	.055	.022	.069	.038	.016	.040	.023	.009	.013	.007	.003	
7.0	.111	.058	.022	.095	.051	.019	.066	.035	.013	.038	.021	.008	.012	.007	.003	
8.0	.105	.054	.019	.091	.047	.016	.063	.033	.012	.036	.019	.007	.012	.006	.002	
9.0	.100	.050	.017	.086	.044	.015	.060	.031	.010	.035	.018	.006	.011	.006	.002	
10.0	.096	.047	.015	.082	.041	.013	.057	.029	.009	.033	.017	.006	.011	.006	.002	

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:zoe  
Test Date:2019-04-25

g Range: 0 - 90DEG  
g Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.0.402  
Humidity:65.0%  
Test Distance:3.160m [K=1.0000]  
Remarks: LAMP:NF2L757GRT-V1 3000k Ra:90  
DRIVER:PRO-041050 850mA  
REFLECTOR:MR-1048B 60R  
30minutes warm-up

## UGR(Unified Glare Rating) Table

Test:U:220.10V I:0.1479A P:32.189W PF:0.9875 Freq:49.99Hz Lamp Flux:3430.82x1 lm										
NAME: 1619.101A					TYPE:			WEIGHT:		
SPEC.:3000K					DIM.:			SERIAL No.:1904250894		
MFR.: RISE					SUR.:0.0348m2			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	27.6	29.5	27.9	29.7	29.9	34.4	36.3	34.7	36.5	36.7
3H	28.7	30.3	29.0	30.6	30.9	36.1	37.8	36.4	38.1	38.3
4H	28.9	30.5	29.3	30.8	31.1	36.2	37.8	36.6	38.1	38.4
6H	29.0	30.5	29.4	30.8	31.1	36.1	37.6	36.5	37.9	38.2
8H	29.0	30.4	29.3	30.7	31.0	36.1	37.5	36.4	37.8	38.1
12H	28.9	30.3	29.3	30.6	31.0	36.0	37.4	36.4	37.7	38.0
4H 2H	30.7	32.3	31.0	32.6	32.8	34.9	36.5	35.2	36.7	37.0
3H	32.0	33.4	32.4	33.7	34.1	36.7	38.1	37.1	38.5	38.8
4H	32.5	33.8	32.9	34.1	34.4	36.9	38.2	37.3	38.5	38.9
6H	32.6	33.8	33.1	34.1	34.5	36.8	38.0	37.3	38.3	38.7
8H	32.6	33.7	33.1	34.1	34.4	36.8	37.8	37.2	38.2	38.6
12H	32.6	33.6	33.0	34.0	34.4	36.8	37.7	37.2	38.1	38.5
8H 4H	33.2	34.2	33.6	34.6	35.0	37.0	38.0	37.4	38.4	38.8
6H	33.5	34.4	34.0	34.8	35.2	36.9	37.8	37.4	38.2	38.6
8H	33.5	34.3	34.0	34.7	35.2	36.9	37.7	37.4	38.1	38.5
12H	33.5	34.2	34.0	34.6	35.1	36.9	37.5	37.3	38.0	38.4
12H 4H	33.1	34.1	33.6	34.5	34.9	37.0	37.9	37.4	38.3	38.7
6H	33.5	34.3	34.0	34.7	35.1	36.9	37.7	37.4	38.1	38.6
8H	33.5	34.2	34.0	34.6	35.1	36.9	37.5	37.4	38.0	38.5
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.2				
1.5H	+ 0.5 / - 0.4					+ 0.3 / - 0.4				
2.0H	+ 1.0 / - 1.1					+ 0.8 / - 1.1				

CIE Pub.117, 3431 lm Total Lamp Luminous Flux Corrected ( $8\log(F/F_0) = 4.3$ )  
Area: 0.0348 m2

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:zoe  
Test Date:2019-04-25

g Range: 0 - 90DEG  
g Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.0.402  
Humidity:65.0%  
Test Distance:3.160m [K=1.0000]  
Remarks: LAMP:NF2L757GRT-V1 3000k Ra:90  
DRIVER:PRO-041050 850mA  
REFLECTOR:MR-1048B 60R  
30minutes warm-up



## UTILIZATION FACTORS TABLE

Test:U:220.10V I:0.1479A P:32.189W PF:0.9875 Freq:49.99Hz Lamp Flux:3430.82x1 lm		
NAME: 1619.101A	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:1904250894
MFR.: RISE	SUR.:0.0348m2	Shielding Angle:

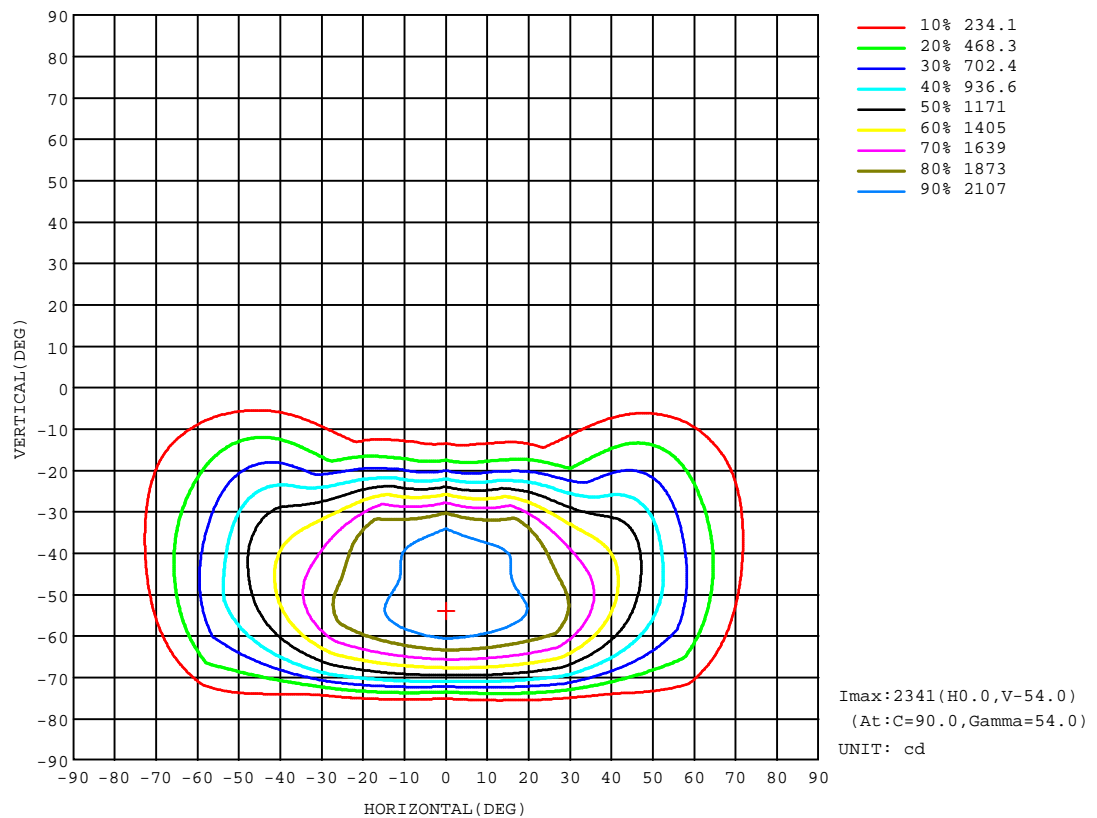
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	33	22	16	32	22	15	31	21	15	9
0.80	41	30	23	40	30	23	38	29	23	16
1.00	48	38	31	47	38	31	45	39	31	24
1.25	55	45	38	54	44	38	51	43	37	31
1.50	60	50	44	58	50	43	56	48	42	36
2.00	66	58	52	65	58	52	62	56	51	44
2.50	70	63	58	69	62	57	66	60	56	49
3.00	74	67	62	72	66	62	69	64	60	53
4.00	78	73	68	76	71	67	72	69	65	58
5.00	80	76	72	78	74	71	75	71	69	61
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:2019-04-25

g Range: 0 - 90DEG  
g Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.0.402  
Humidity:65.0%  
Test Distance:3.160m [K=1.0000]  
Remarks: LAMP:NF2L757GRT-V1 3000k Ra:90  
DRIVER:PRO-041050 850mA  
REFLECTOR:MR-1048B 60R  
30minutes warm-up

## ISOCANDELA DIAGRAM

Test:U:220.10V I:0.1479A P:32.189W PF:0.9875 Freq:49.99Hz Lamp Flux:3430.82x1 lm		
NAME: 1619.101A	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:1904250894
MFR.: RISE	SUR.:0.0348m2	Shielding Angle:

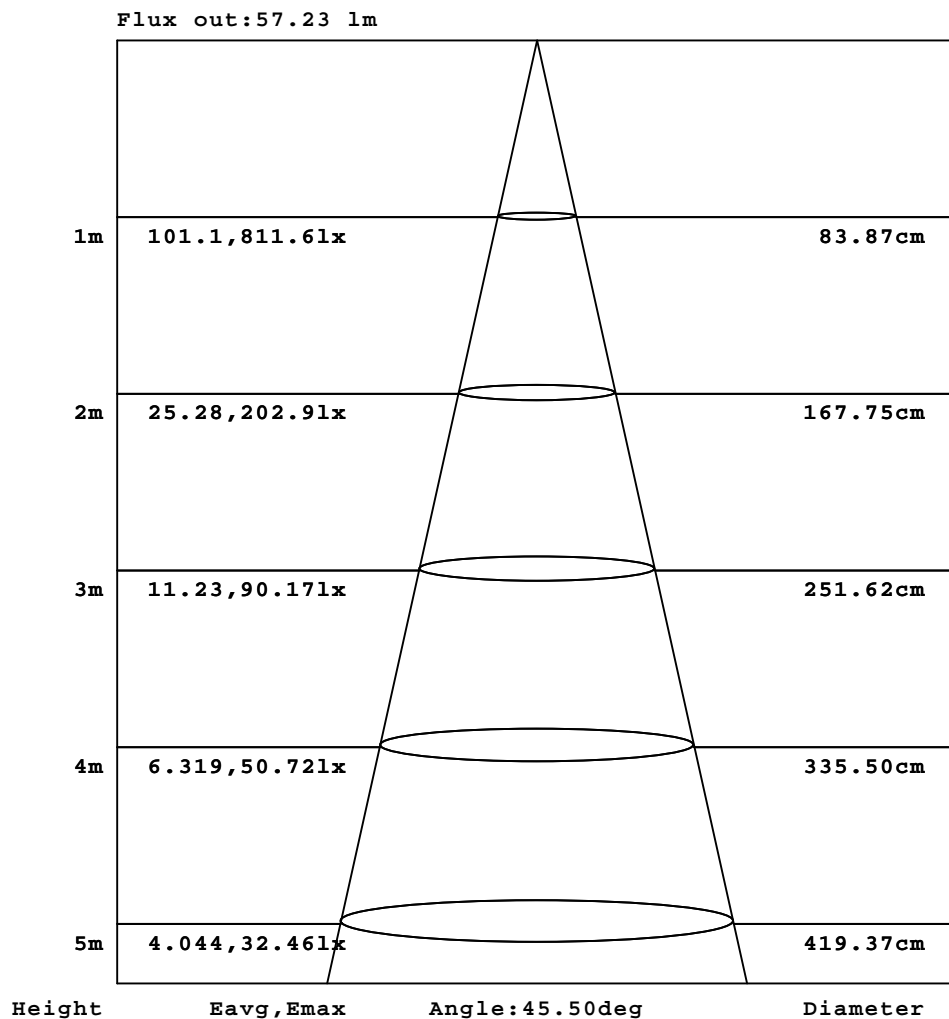


C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:zoe  
Test Date:2019-04-25

Range: 0 - 90DEG  
Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.0.402  
Humidity:65.0%  
Test Distance:3.160m [K=1.0000]  
Remarks: LAMP:NF2L757GRT-V1 3000k Ra:90  
DRIVER:PRO-041050 850mA  
REFLECTOR:MR-1048B 60R  
30minutes warm-up

## AAI Figure

Test:U:220.10V I:0.1479A P:32.189W PF:0.9875 Freq:49.99Hz Lamp Flux:3430.82x1 lm		
NAME: 1619.101A	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:1904250894
MFR.: RISE	SUR.:0.0348m2	Shielding Angle:



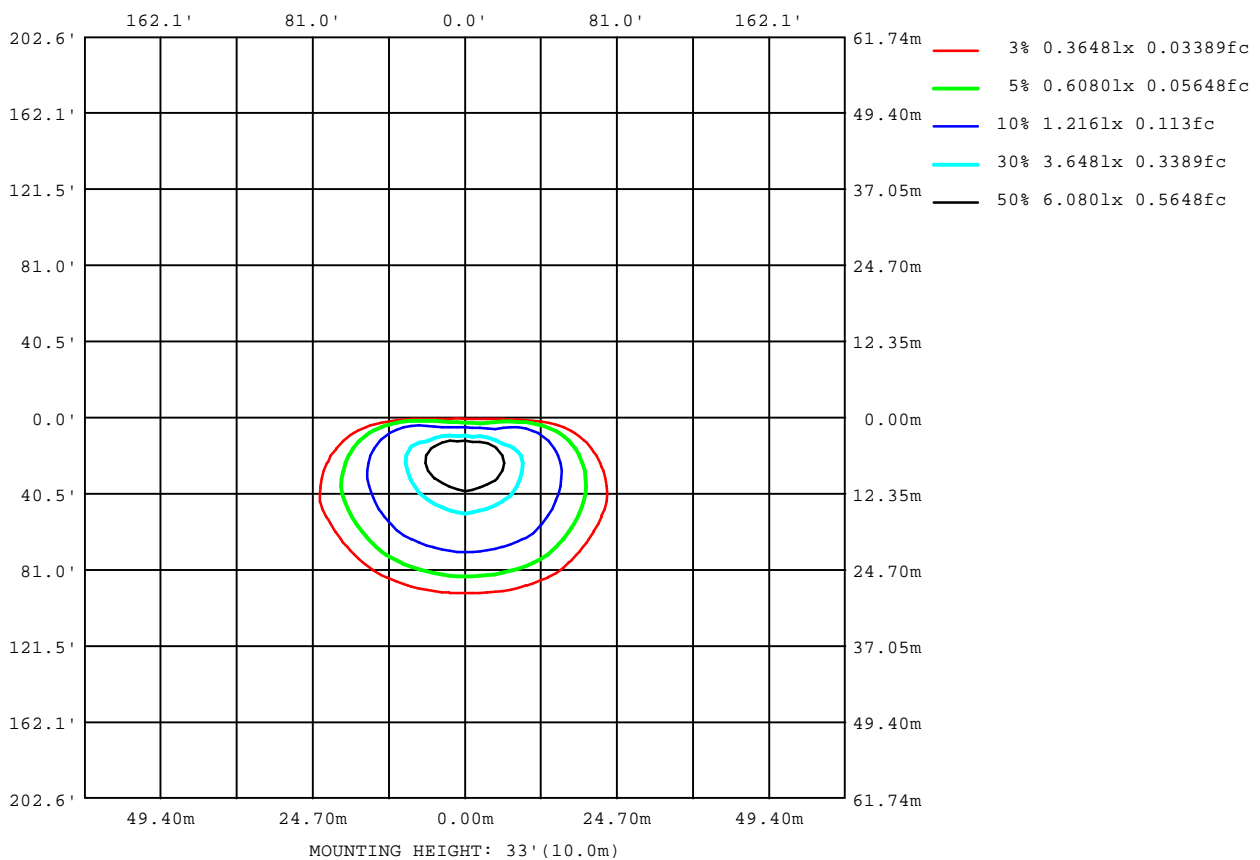
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:zoe  
Test Date:2019-04-25

g Range: 0 - 90DEG  
Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.0.402  
Humidity:65.0%  
Test Distance:3.160m [K=1.0000]  
Remarks: LAMP:NF2L757GRT-V1 3000k Ra:90  
DRIVER:PRO-041050 850mA  
REFLECTOR:MR-1048B 60R  
30minutes warm-up

## ISOLUX DIAGRAM

Test:U:220.10V I:0.1479A P:32.189W PF:0.9875 Freq:49.99Hz Lamp Flux:3430.82x1 lm		
NAME: 1619.101A	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:1904250894
MFR.: RISE	SUR.:0.0348m2	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:zoe  
Test Date:2019-04-25

g Range: 0 - 90DEG  
g Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.0.402  
Humidity:65.0%  
Test Distance:3.160m [K=1.0000]  
Remarks: LAMP:NF2L757GRT-V1 3000k Ra:90  
DRIVER:PRO-041050 850mA  
REFLECTOR:MR-1048B 60R  
30minutes warm-up

## LED Avg.L Report

Test:U:220.10V I:0.1479A P:32.189W PF:0.9875 Freq:49.99Hz Lamp Flux:3430.82x1 lm		
NAME: 1619.101A	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:1904250894
MFR.: RISE	SUR.:0.0348m2	Shielding Angle:

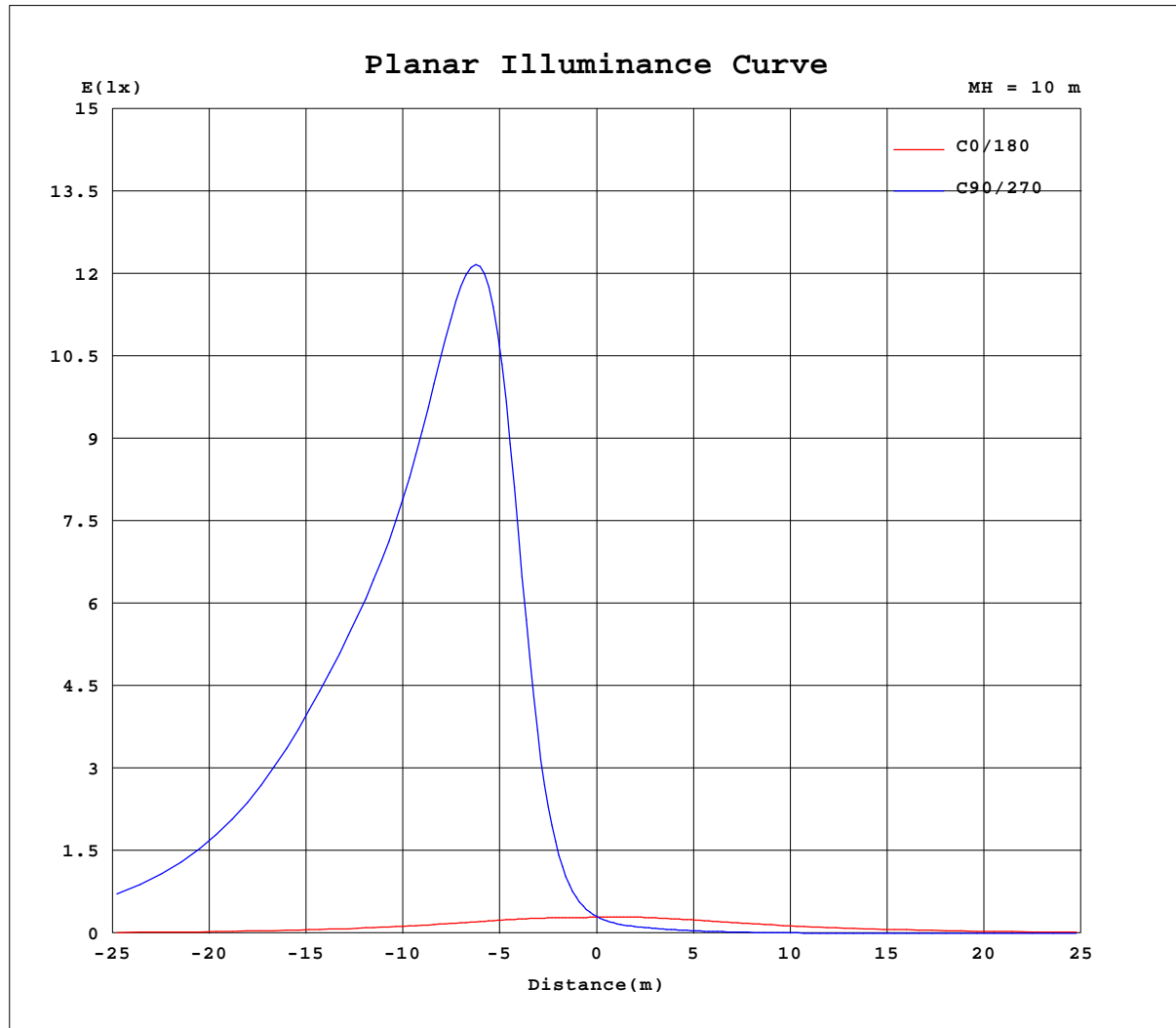
AvgL	cd/m2
L_0~180(65)av	3025
L_0~180(75)av	5015
L_0~180(85)av	5418
L_90~270(65)av	58564
L_90~270(75)av	14542
L_90~270(85)av	656
L_45(65)av	47254
L_45(75)av	33276
L_45(85)av	2598

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:zoe  
Test Date:2019-04-25

g Range: 0 - 90DEG  
Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.0.402  
Humidity:65.0%  
Test Distance:3.160m [K=1.0000]  
Remarks: LAMP:NF2L757GRT-V1 3000k Ra:90  
DRIVER:PRO-041050 850mA  
REFLECTOR:MR-1048B 60R  
30minutes warm-up

## Planar Illuminance Curve



C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: zoe  
 Test Date: 2019-04-25

g Range: 0 - 90DEG  
 g Interval: 1.0DEG  
 Test System: EVERFINE GO-SPEX500\_V1 SYSTEM V2.0.402  
 Humidity: 65.0%  
 Test Distance: 3.160m [K=1.0000]  
 Remarks: LAMP: NF2L757GRT-V1 3000k Ra: 90  
 DRIVER: PRO-041050 850mA  
 REFLECTOR: MR-1048B 60R  
 30minutes warm-up



## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.10V I:0.1479A P:32.189W PF:0.9875 Freq:49.99Hz Lamp Flux:3430.82x1 lm		
NAME: 1619.101A	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:1904250894
MFR.: RISE	SUR.:0.0348m2	Shielding Angle:

Table--1

UNIT: cd

[illegible]

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: zoe  
Test Date: 2019-04-25

```

Range: 0 - 90DEG
Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.0.402
Humidity:65.0%
Test Distance:3.160m [K=1.0000]
Remarks: LAMP:NF2L757GRT-V1 3000k Ra:90
          DRIVER:PRO-041050 850mA
          REFLECTOR:MR-1048B 60R
          30minutes warm-up

```