

LED Linear Light FL300-SL300-2S-8W-840-30D



Light Output Ratio:	100.0%	
Luminaire Power:	9.98 W	
SHR Nominal:	0.50	Calculated using the TM5
SHR Maximum:	0.50	fine grid method.

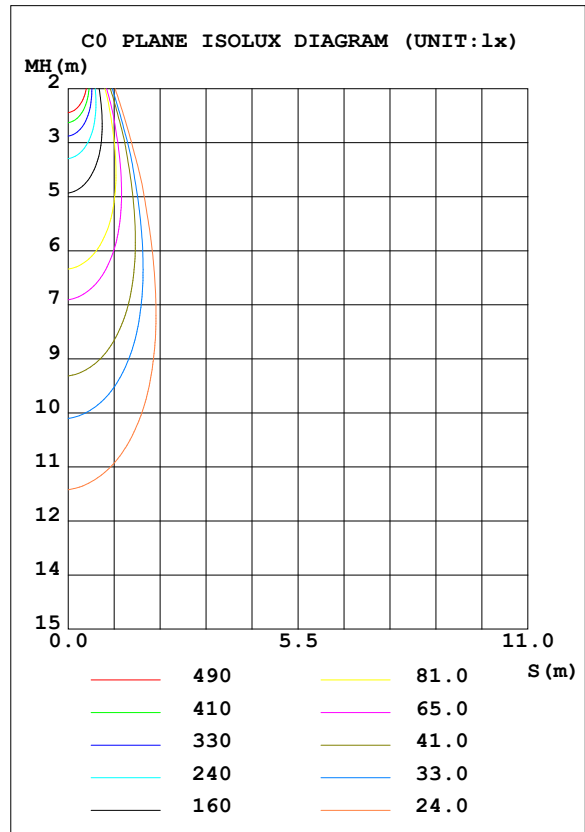
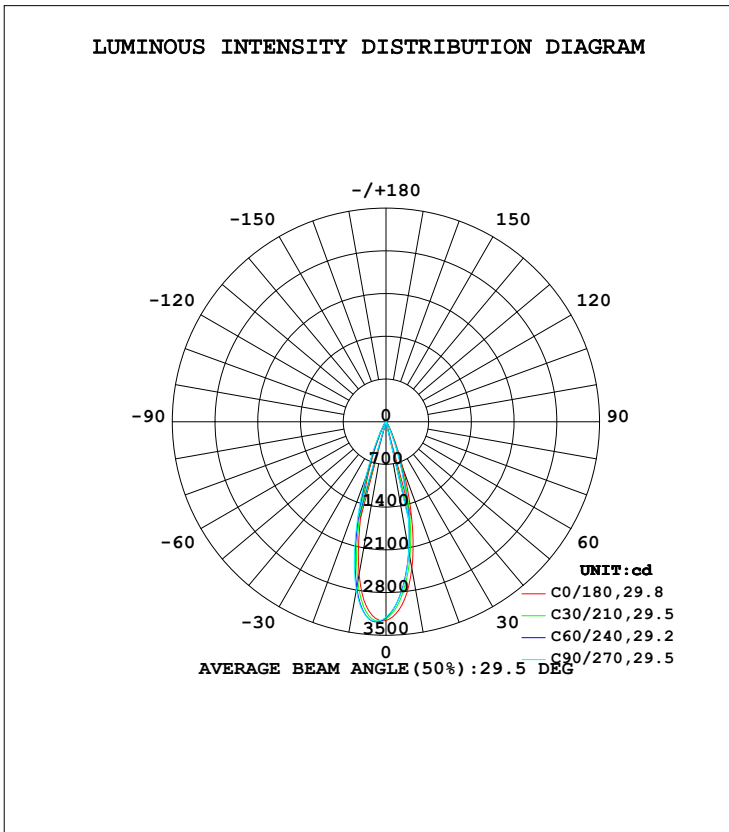
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Myles
Test Date: 2019-03-14

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity: 56%
Test Distance: 5.850m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:221.0V I:0.0491A P:9.980W PF:0.9040 Freq:49.90Hz Lamp Flux:911.808x1 lm		
NAME: FL300-SL300-2S-8W-840-30D	TYPE:Linear Light	SERIAL No.:
SPEC.:4000K	DIM.: φ31mm*H50mm	
MFR.: NEKO LIGHTING AG		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 91.36 lm/W			
MODEL	OSRAM-4000K	I _{max} (cd)	3284	S/MH (C0/180)	0.48
NOMINAL POWER (W)	10	LOR (%)	100.0	S/MH (C90/270)	0.52
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	911.81	η UP, DN (C0-180)	0.0, 44.8
NOMINAL FLUX (lm)	911.808	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 55.2
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE (V)	220	η down (%)	100.0	CIBSE SHR MAX	0.50



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Myles
 Test Date: 2019-03-14

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity: 56%
 Test Distance: 5.850m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	2446	2221	2151	2299	2542	2688	2803	2658	0- 10	271.8	271.8	29.8,29.8
20	819.1	677.8	605.4	640.3	739.9	860.8	984.2	958.2	10- 20	431.0	702.8	77.1,77.1
30	127.5	105.8	93.43	100.5	110.2	127.5	153.6	150.8	20- 30	156.4	859.2	94.2,94.2
40	29.33	25.73	23.45	24.66	27.37	30.82	33.67	32.94	30- 40	38.31	897.5	98.4,98.4
50	7.142	6.350	6.116	6.038	6.979	7.166	7.853	7.278	40- 50	11.03	908.5	99.6,99.6
60	0.8496	0.6717	0.5835	0.5713	0.7476	0.9121	1.120	0.9559	50- 60	2.942	911.5	100,100
70	0.1138	0.0852	0.0963	0.0677	0.0721	0.0963	0.0851	0.1094	60- 70	0.2573	911.7	100,100
80	0.0503	0.0306	0.0416	0.0306	0.0197	0.0350	0.0240	0.0394	70- 80	0.0587	911.8	100,100
90	0.0306	0.0306	0.0328	0.0328	0.0197	0.0197	0.0197	0.0197	80- 90	0.0300	911.8	100,100
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		

Conical surface Flux(90deg): 904.66 lm

%lum = 99.2%
%lamp = 99.2%

Conical surface Flux(120deg): 911.46 lm

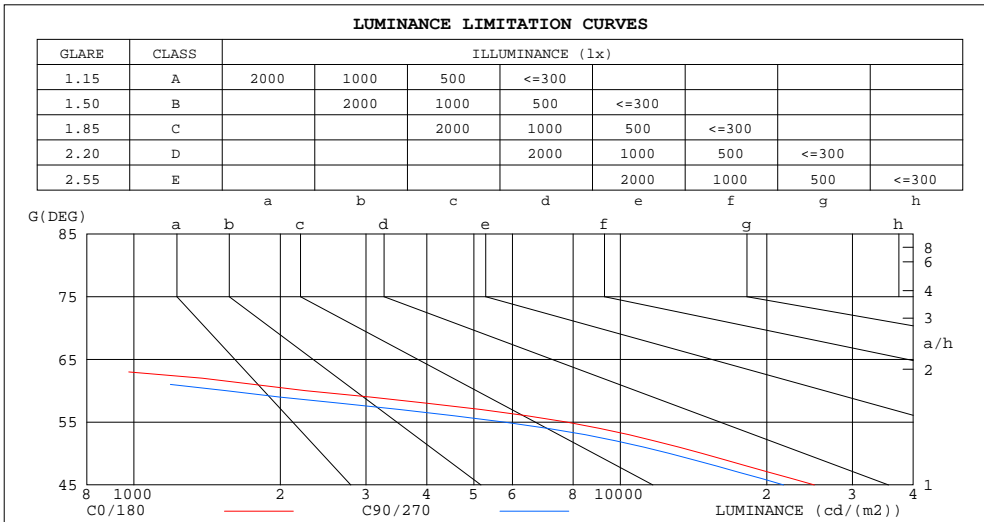
%lum = 100.0%
%lamp = 100.0%

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Myles
Test Date:2019-03-14

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:56%
Test Distance:5.850m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:221.0V I:0.0491A P:9.980W PF:0.9040 Freq:49.90Hz Lamp Flux:911.808x1 lm		
NAME: FL300-SL300-2S-8W-840-30D	TYPE:Linear Light	SERIAL No.:
SPEC.:4000K	DIM.: φ31mm*H50mm	
MFR.: NEKO LIGHTING AG		



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	499	500
80	384	317
75	359	314
70	441	373
65	632	529
60	2252	1547
55	7754	5762
50	14729	12612
45	25055	21661

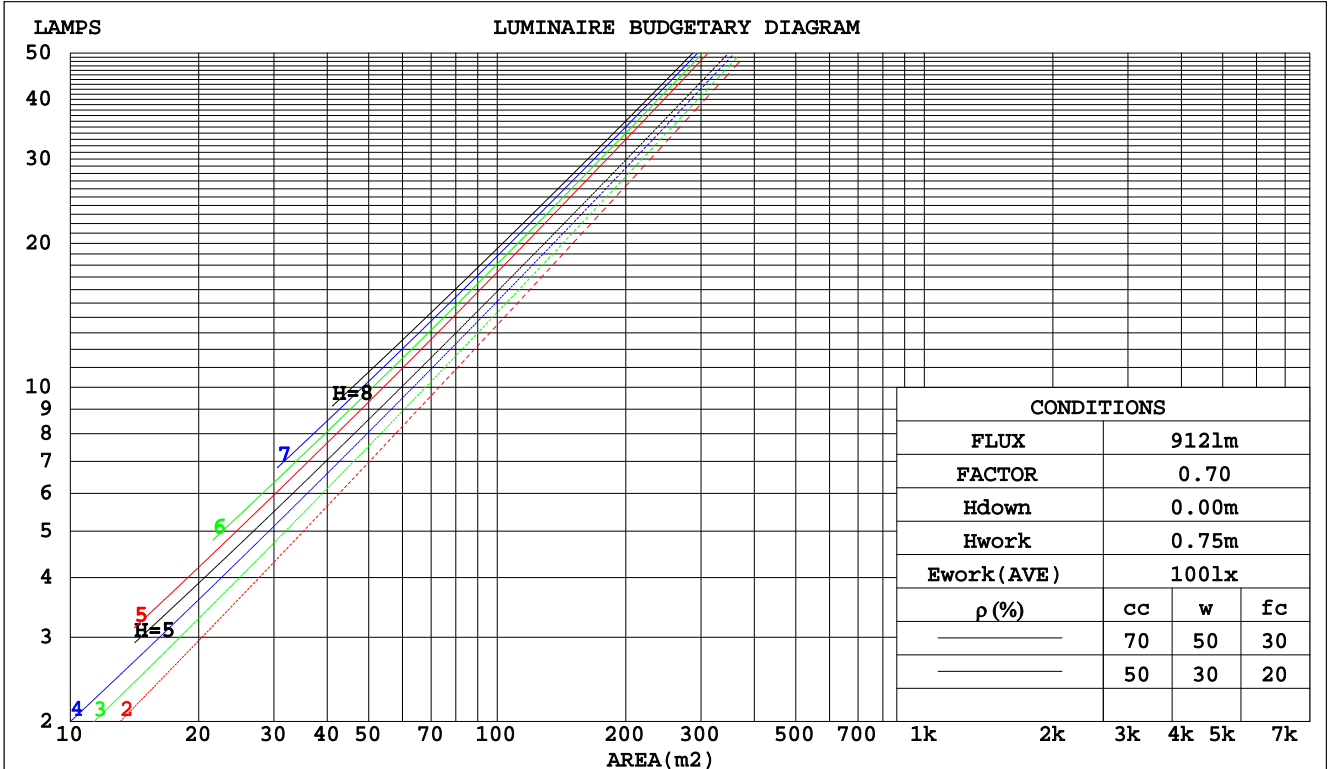
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Myles
 Test Date:2019-03-14

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:56%
 Test Distance:5.850m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:221.0V I:0.0491A P:9.980W PF:0.9040 Freq:49.90Hz Lamp Flux:911.808x1 lm		
NAME: FL300-SL300-2S-8W-840-30D	TYPE:Linear Light	SERIAL No.:
SPEC.:4000K	DIM.: φ31mm*H50mm	
MFR.: NEKO LIGHTING AG		

pcc	80%			70%			50%			30%			10%			0														
	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0														
ρw																0														
ρfc	20%			20%			20%			20%			20%			0														
RCR	RCR:Room Cavity Ratio															Coefficients of Utilization(CU)														
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00														
1.0	1.13	1.11	1.09	1.11	1.09	1.07	1.07	1.05	1.04	1.03	1.02	1.01	.00	.99	.98	.96														
2.0	1.07	1.04	1.02	1.06	1.03	1.00	1.02	1.00	.98	.00	.98	.96	.97	.95	.94	.93														
3.0	1.02	.99	.96	1.01	.98	.95	.99	.96	.93	.96	.94	.92	.94	.92	.91	.89														
4.0	.98	.94	.91	.97	.93	.90	.95	.92	.89	.93	.91	.88	.91	.89	.87	.86														
5.0	.94	.90	.87	.93	.89	.86	.92	.88	.86	.90	.87	.85	.89	.86	.84	.83														
6.0	.91	.86	.83	.90	.86	.83	.89	.85	.83	.87	.84	.82	.86	.84	.81	.80														
7.0	.88	.83	.80	.87	.83	.80	.86	.82	.80	.85	.82	.79	.84	.81	.79	.78														
8.0	.85	.80	.77	.84	.80	.77	.83	.80	.77	.82	.79	.77	.81	.79	.76	.75														
9.0	.82	.78	.75	.81	.77	.75	.81	.77	.74	.80	.77	.74	.79	.76	.74	.73														
10.0	.79	.75	.72	.79	.75	.72	.78	.75	.72	.78	.74	.72	.77	.74	.72	.71														



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Myles
 Test Date:2019-03-14

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:56%
 Test Distance:5.850m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:221.0V I:0.0491A P:9.980W PF:0.9040 Freq:49.90Hz Lamp Flux:911.808x1 lm		
NAME: FL300-SL300-2S-8W-840-30D	TYPE:Linear Light	SERIAL No.:
SPEC.:4000K	DIM.: φ31mm*H50mm	
MFR.: NEKO LIGHTING AG		

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.141	.080	.025	.134	.076	.024	.122	.070	.022	.110	.064	.020	.100	.058	.019	
2.0	.131	.072	.022	.125	.069	.021	.115	.064	.020	.106	.059	.019	.097	.055	.017	
3.0	.122	.065	.020	.118	.063	.019	.109	.059	.018	.101	.056	.017	.094	.052	.016	
4.0	.115	.060	.018	.111	.058	.017	.104	.055	.016	.097	.052	.016	.091	.049	.015	
5.0	.109	.055	.016	.106	.054	.016	.099	.052	.015	.094	.049	.015	.088	.047	.014	
6.0	.103	.052	.015	.100	.051	.015	.095	.049	.014	.090	.047	.014	.085	.045	.013	
7.0	.098	.049	.014	.096	.048	.014	.091	.046	.013	.087	.044	.013	.083	.043	.013	
8.0	.094	.046	.013	.092	.045	.013	.088	.044	.012	.084	.042	.012	.080	.041	.012	
9.0	.090	.043	.012	.088	.043	.012	.084	.042	.012	.081	.041	.012	.078	.039	.011	
10.0	.086	.041	.011	.084	.041	.011	.081	.040	.011	.078	.039	.011	.075	.038	.011	

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.169	.158	.148	.144	.135	.127	.099	.093	.088	.057	.054	.051	.018	.017	.017	
2.0	.151	.133	.117	.129	.114	.102	.089	.079	.071	.051	.046	.042	.016	.015	.014	
3.0	.136	.113	.095	.117	.098	.083	.080	.068	.058	.046	.040	.034	.015	.013	.011	
4.0	.124	.098	.078	.106	.085	.068	.073	.059	.048	.042	.035	.028	.014	.011	.009	
5.0	.114	.086	.065	.098	.074	.057	.067	.052	.040	.039	.030	.024	.013	.010	.008	
6.0	.105	.076	.055	.090	.066	.048	.062	.046	.034	.036	.027	.020	.012	.009	.007	
7.0	.097	.068	.047	.084	.059	.041	.058	.041	.029	.034	.024	.017	.011	.008	.006	
8.0	.091	.061	.040	.078	.053	.035	.054	.037	.025	.032	.022	.015	.010	.007	.005	
9.0	.086	.055	.035	.074	.048	.031	.051	.034	.022	.030	.020	.013	.010	.007	.004	
10.0	.081	.051	.031	.070	.044	.027	.048	.031	.019	.028	.018	.011	.009	.006	.004	

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Myles
 Test Date:2019-03-14

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:56%
 Test Distance:5.850m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:221.0V I:0.0491A P:9.980W PF:0.9040 Freq:49.90Hz Lamp Flux:911.808x1 lm		
NAME: FL300-SL300-2S-8W-840-30D	TYPE:Linear Light	SERIAL No.:
SPEC.:4000K	DIM.: φ31mm*H50mm	
MFR.: NEKO LIGHTING AG		

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	14.3	15.0	14.5	15.2	15.3	13.2	13.9	13.4	14.0	14.2
3H	14.2	14.8	14.4	15.0	15.2	13.0	13.7	13.3	13.9	14.0
4H	14.1	14.7	14.4	14.9	15.1	13.0	13.6	13.2	13.8	14.0
6H	14.0	14.6	14.3	14.8	15.0	12.9	13.4	13.2	13.7	13.9
8H	14.0	14.5	14.3	14.8	15.0	12.8	13.4	13.1	13.6	13.9
12H	13.9	14.5	14.2	14.7	15.0	12.8	13.3	13.1	13.6	13.8
4H 2H	14.1	14.7	14.4	14.9	15.1	13.0	13.6	13.2	13.8	14.0
3H	13.9	14.5	14.2	14.7	15.0	12.8	13.3	13.1	13.6	13.9
4H	13.8	14.3	14.2	14.6	14.9	12.7	13.2	13.0	13.5	13.8
6H	13.7	14.2	14.1	14.5	14.8	12.6	13.0	13.0	13.4	13.7
8H	13.7	14.1	14.1	14.4	14.8	12.6	12.9	12.9	13.3	13.7
12H	13.6	14.0	14.0	14.4	14.7	12.5	12.9	12.9	13.2	13.6
8H 4H	13.7	14.1	14.1	14.4	14.8	12.5	12.9	12.9	13.3	13.7
6H	13.6	13.9	14.0	14.3	14.7	12.4	12.8	12.9	13.2	13.6
8H	13.5	13.8	14.0	14.2	14.7	12.4	12.7	12.8	13.1	13.5
12H	13.4	13.7	13.9	14.1	14.6	12.3	12.6	12.8	13.0	13.5
12H 4H	13.6	14.0	14.0	14.4	14.7	12.5	12.9	12.9	13.2	13.6
6H	13.5	13.8	14.0	14.2	14.7	12.4	12.7	12.8	13.1	13.5
8H	13.4	13.7	13.9	14.1	14.6	12.3	12.6	12.8	13.0	13.5
Variations with the observer position at spacings:										
S = 1.0H	+ 3.5 / -11.4					+ 3.2 / -11.9				
1.5H	+ 5.3 / - 8.1					+ 4.8 / - 7.6				
2.0H	+ 5.9 / -15.6					+ 5.6 / -15.4				

CIE Pub.117, 911.8 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -0.3)

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Myles
 Test Date:2019-03-14

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:56%
 Test Distance:5.850m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:221.0V I:0.0491A P:9.980W PF:0.9040 Freq:49.90Hz Lamp Flux:911.808x1 lm		
NAME: FL300-SL300-2S-8W-840-30D	TYPE:Linear Light	SERIAL No.:
SPEC.:4000K	DIM.: φ31mm*H50mm	
MFR.: NEKO LIGHTING AG		

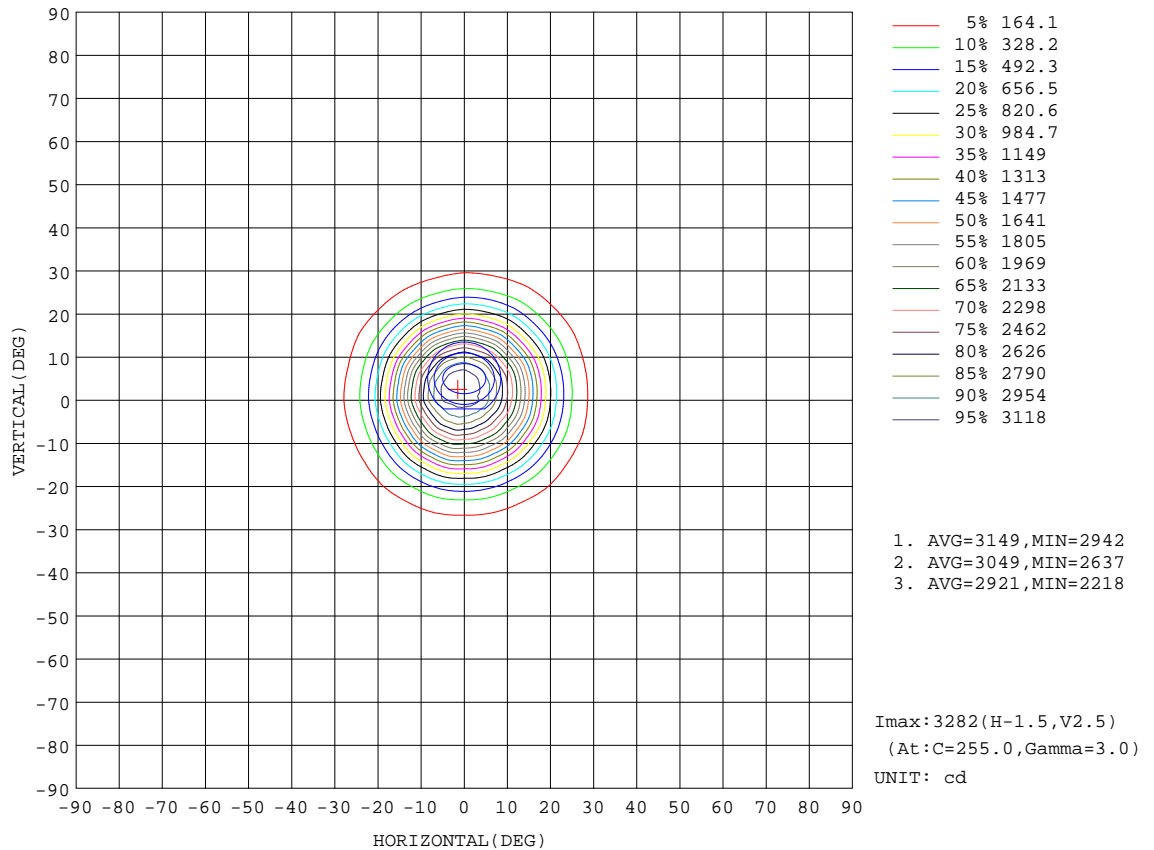
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	91	85	81	90	85	81	89	84	81	78
0.80	98	92	89	97	92	89	96	91	88	85
1.00	101	96	93	101	96	93	99	96	92	89
1.25	105	100	97	104	100	97	102	99	96	92
1.50	108	103	100	106	103	100	104	101	99	94
2.00	110	106	103	108	105	102	106	103	101	96
2.50	111	108	105	110	107	104	107	104	102	97
3.00	113	109	107	111	108	106	108	105	104	98
4.00	114	112	110	112	110	109	109	107	106	99
5.00	116	114	112	114	112	110	110	108	107	100
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Myles
 Test Date:2019-03-14

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:56%
 Test Distance:5.850m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:221.0V I:0.0491A P:9.980W PF:0.9040 Freq:49.90Hz Lamp Flux:911.808x1 lm		
NAME: FL300-SL300-2S-8W-840-30D	TYPE:Linear Light	SERIAL No.:
SPEC.:4000K	DIM.: ϕ 31mm*H50mm	
MFR.: NEKO LIGHTING AG		



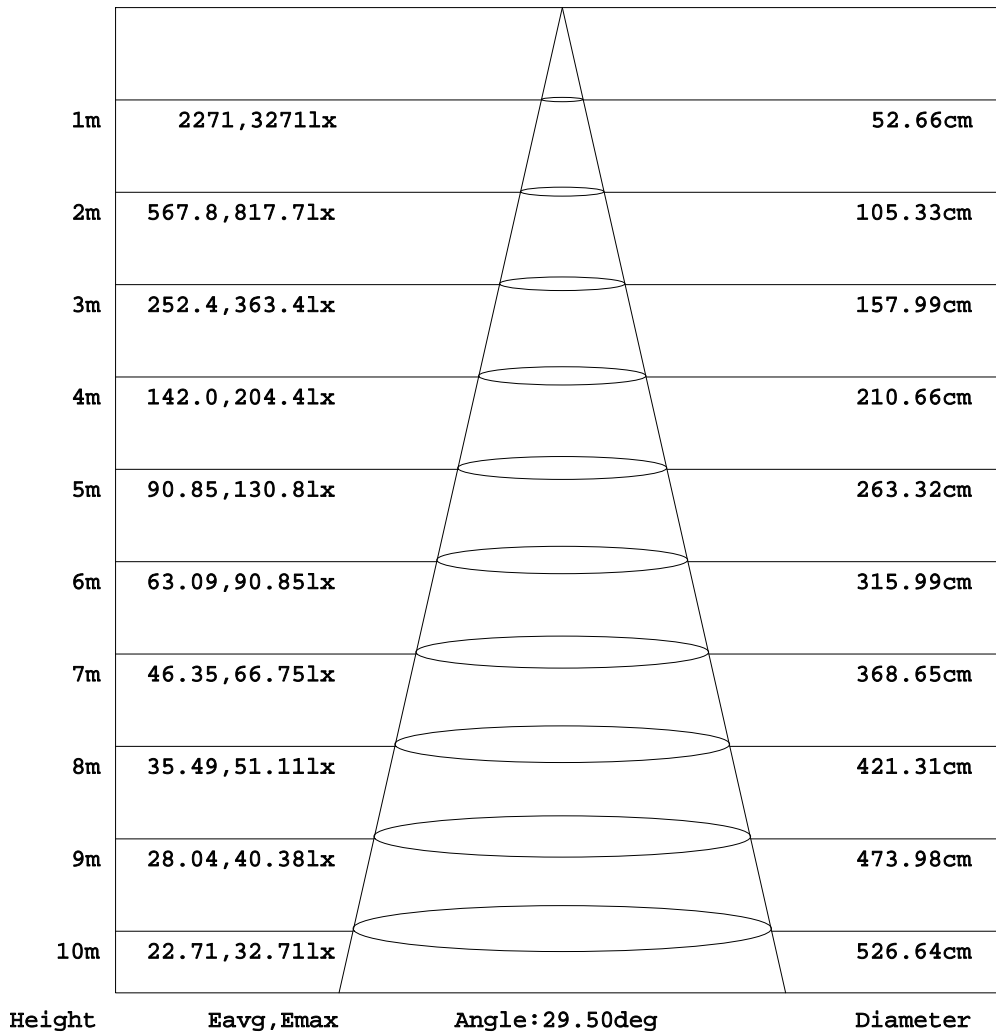
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Myles
 Test Date:2019-03-14

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:56%
 Test Distance:5.850m [K=1.0000]
 Remarks:

AAI Figure

Test:U:221.0V I:0.0491A P:9.980W PF:0.9040 Freq:49.90Hz Lamp Flux:911.808x1 lm		
NAME: FL300-SL300-2S-8W-840-30D	TYPE:Linear Light	SERIAL No.:
SPEC.:4000K	DIM.: φ31mm*H50mm	
MFR.: NEKO LIGHTING AG		

Flux out:512.3 lm



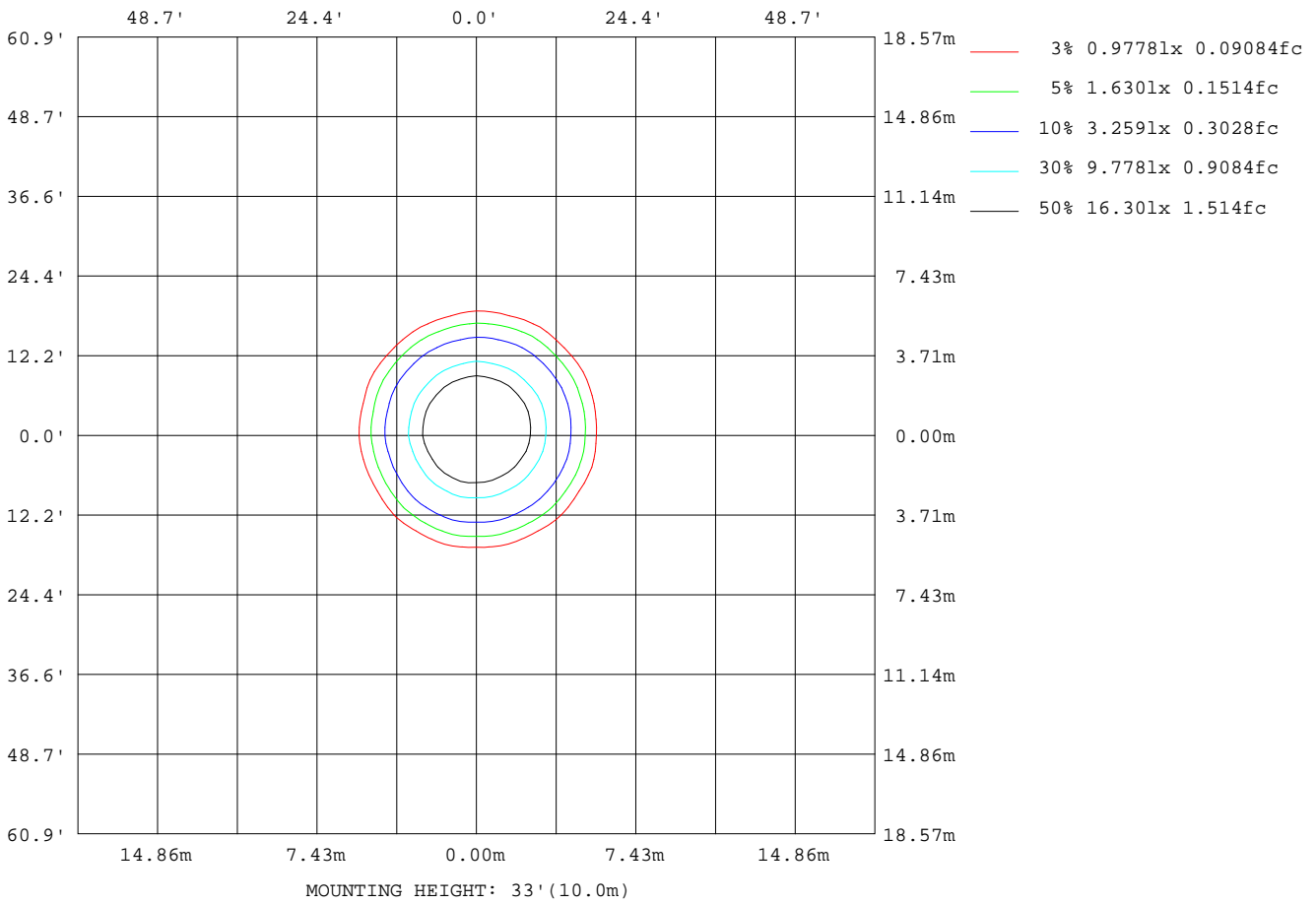
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Myles
Test Date:2019-03-14

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:56%
Test Distance:5.850m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

Test:U:221.0V I:0.0491A P:9.980W PF:0.9040 Freq:49.90Hz Lamp Flux:911.808x1 lm		
NAME: FL300-SL300-2S-8W-840-30D	TYPE:Linear Light	SERIAL No.:
SPEC.:4000K	DIM.: φ31mm*H50mm	
MFR.: NEKO LIGHTING AG		



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Myles
 Test Date:2019-03-14

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:56%
 Test Distance:5.850m [K=1.0000]
 Remarks:

LED Avg.L Report

Test:U:221.0V I:0.0491A P:9.980W PF:0.9040 Freq:49.90Hz Lamp Flux:911.808x1 lm		
NAME: FL300-SL300-2S-8W-840-30D	TYPE:Linear Light	SERIAL No.:
SPEC.:4000K	DIM.: φ31mm*H50mm	
MFR.: NEKO LIGHTING AG		

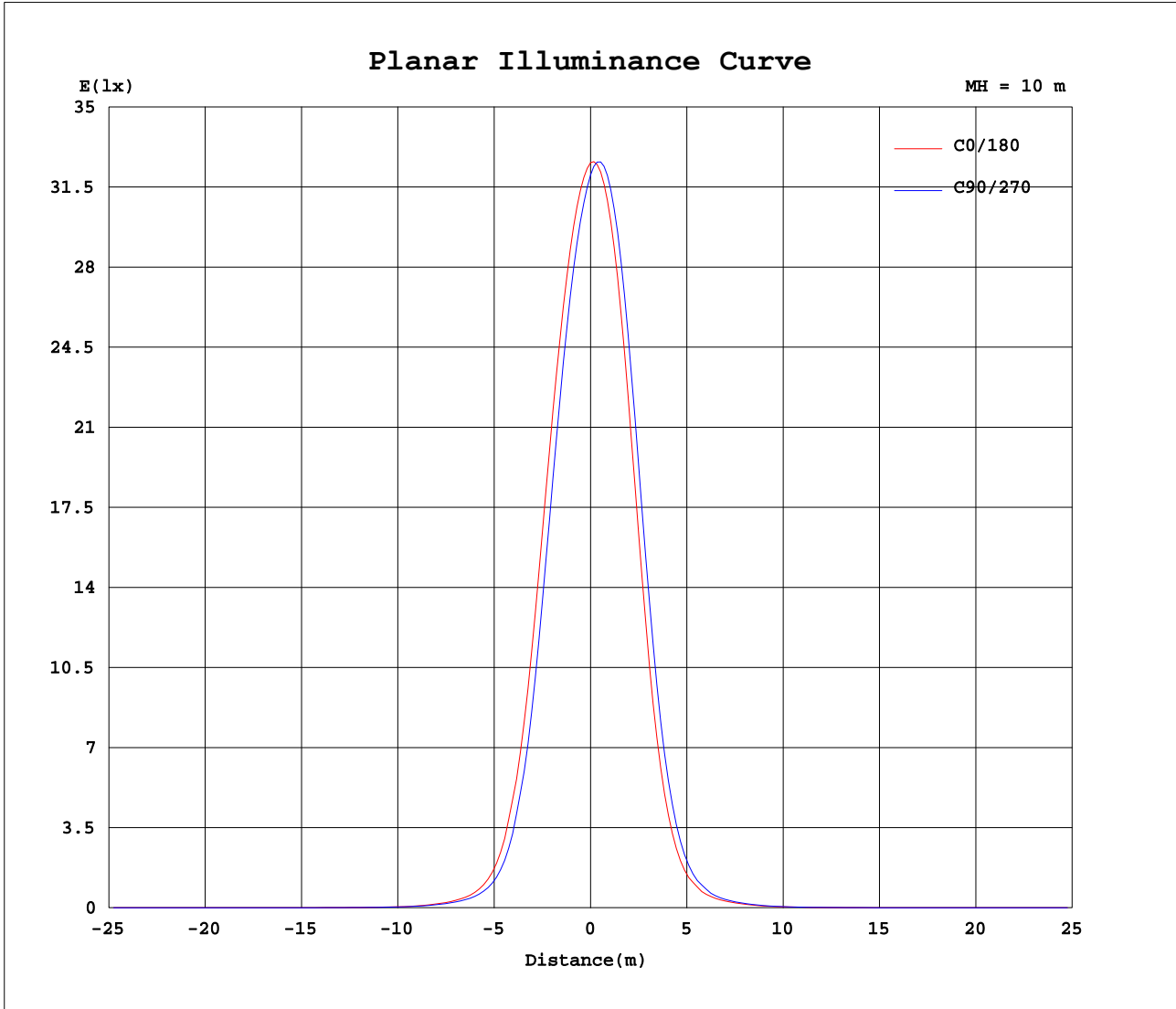
AvgL	cd/m2
L_0~180 (65) av	545
L_0~180 (75) av	263
L_0~180 (85) av	399
L_90~270 (65) av	545
L_90~270 (75) av	263
L_90~270 (85) av	399
L_45 (65) av	542
L_45 (75) av	258
L_45 (85) av	416

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Myles
Test Date:2019-03-14

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:56%
Test Distance:5.850m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Myles
 Test Date: 2019-03-14

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity: 56%
 Test Distance: 5.850m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:221.0V I:0.0491A P:9.980W PF:0.9040 Freq:49.90Hz Lamp Flux:911.808x1 lm		
NAME: FL300-SL300-2S-8W-840-30D	TYPE:Linear Light	SERIAL No.:
SPEC.:4000K	DIM.: φ31mm*H50mm	
MFR.: NEKO LIGHTING AG		

Table--1

UNIT: cd

C (DEG) \ γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	3256	3247	3231	3229	3213	3215	3203	3207	3198	3198	3191	3188	3256	3247	3231	3229	3213	3215	3203
5	3012	2958	2885	2860	2818	2829	2827	2874	2885	2934	2957	3008	3127	3153	3197	3214	3242	3243	3238
10	2446	2367	2262	2221	2155	2158	2151	2220	2230	2299	2321	2401	2542	2576	2665	2688	2764	2772	2803
15	1629	1568	1454	1412	1331	1324	1299	1359	1346	1409	1410	1480	1601	1633	1742	1770	1861	1870	1927
20	819	783	710	678	635	612	605	618	625	640	633	671	740	763	837	861	924	930	984
25	327	312	279	263	237	232	224	235	232	244	240	250	278	290	323	332	359	363	392
30	128	127	111	106	97.8	95.5	93.4	97.0	97.6	101	98.6	101	110	114	130	127	138	137	154
35	60.2	57.4	53.6	51.6	47.8	47.1	46.6	49.0	49.4	50.6	49.0	49.6	53.7	55.8	60.1	61.6	62.4	62.8	66.4
40	29.3	28.9	26.6	25.7	23.9	23.8	23.5	24.4	23.9	24.7	24.2	24.9	27.4	28.3	30.6	30.8	32.0	32.1	33.7
45	13.4	13.0	12.1	12.1	11.7	11.8	11.6	11.6	11.2	11.6	11.6	12.1	13.0	12.9	13.4	13.6	14.4	14.4	15.0
50	7.14	6.81	6.26	6.35	6.24	6.28	6.12	6.13	5.83	6.04	6.17	6.50	6.98	6.87	7.04	7.17	7.65	7.71	7.85
55	3.36	3.18	2.83	2.84	2.66	2.62	2.49	2.58	2.45	2.60	2.62	2.80	3.14	3.15	3.31	3.41	3.74	3.73	3.81
60	0.85	0.80	0.69	0.67	0.64	0.63	0.58	0.56	0.53	0.57	0.59	0.65	0.75	0.76	0.85	0.91	1.06	1.10	1.12
65	0.20	0.18	0.19	0.17	0.18	0.16	0.17	0.14	0.16	0.14	0.16	0.14	0.15	0.17	0.16	0.18	0.17	0.20	0.18
70	0.11	0.10	0.11	0.09	0.11	0.08	0.10	0.07	0.09	0.07	0.09	0.07	0.07	0.09	0.07	0.10	0.08	0.10	0.09
75	0.07	0.05	0.07	0.05	0.06	0.04	0.06	0.04	0.06	0.04	0.06	0.03	0.03	0.06	0.03	0.05	0.04	0.06	0.04
80	0.05	0.03	0.04	0.03	0.04	0.03	0.04	0.03	0.04	0.03	0.04	0.03	0.02	0.03	0.02	0.04	0.02	0.04	0.02
85	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.03	0.02
90	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Myles
 Test Date:2019-03-14

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:56%
 Test Distance:5.850m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:221.0V I:0.0491A P:9.980W PF:0.9040 Freq:49.90Hz Lamp Flux:911.808x1 lm		
NAME: FL300-SL300-2S-8W-840-30D	TYPE:Linear Light	SERIAL No.:
SPEC.:4000K	DIM.: φ31mm*H50mm	
MFR.: NEKO LIGHTING AG		

Table--2

UNIT: cd

C (DEG) γ (DEG)	285	300	315	330	345														
0	3207	3198	3198	3191	3188														
5	3201	3173	3118	3078	3014														
10	2745	2737	2658	2618	2517														
15	1889	1911	1838	1815	1714														
20	971	1004	958	952	881														
25	393	414	391	385	354														
30	151	159	151	152	135														
35	68.5	72.1	69.4	64.7	61.3														
40	33.8	35.1	32.9	32.0	30.2														
45	14.4	14.6	14.1	14.3	13.7														
50	7.48	7.39	7.28	7.53	7.34														
55	3.57	3.53	3.46	3.63	3.51														
60	1.02	1.01	0.96	1.01	0.94														
65	0.20	0.18	0.20	0.18	0.20														
70	0.11	0.09	0.11	0.09	0.11														
75	0.06	0.05	0.06	0.04	0.07														
80	0.04	0.02	0.04	0.03	0.04														
85	0.03	0.02	0.03	0.02	0.03														
90	0.02	0.02	0.02	0.02	0.02														

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Myles
 Test Date:2019-03-14

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:56%
 Test Distance:5.850m [K=1.0000]
 Remarks: