

Light Output Ratio:	8.8%	
Luminaire Power:	2.855 W	
SHR Nominal:	0.00	Calculated using the TM5
SHR Maximum:	1.00	fine grid method.

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: K-LITE
Test Date: 20 October 2020

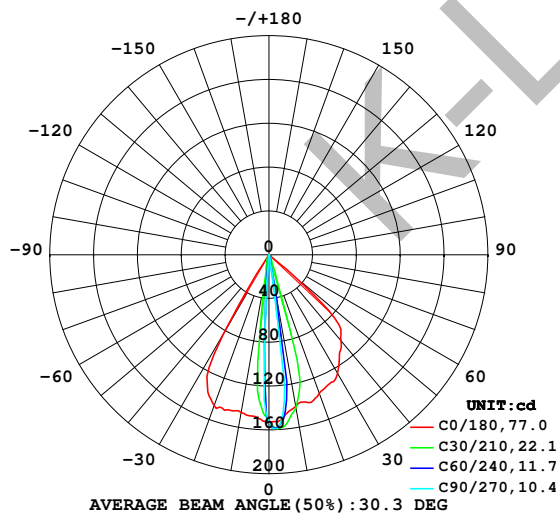
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.417
Humidity: 65.0%
Test Distance: 1.825m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

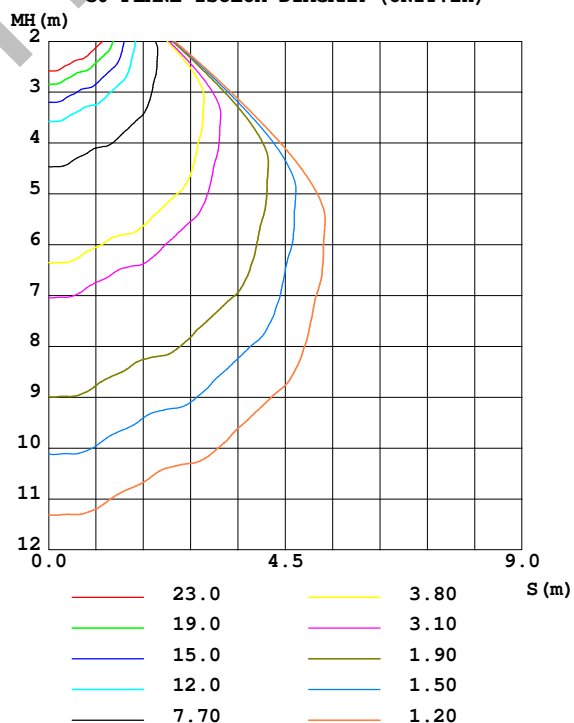
Test:U:230.48V I:0.0130A P:2.8545W PF:0.9522 Freq:49.99Hz Lamp Flux:457.3x1 lm		
NAME: SUDO MINI - SLOT FRAME	TYPE:PATH FINDERS	WEIGHT:0.412kg
SPEC.:WW, NICHIA	DIM.: 76 x 87 x 130	SERIAL No.:2148
MFR.: K-LITE	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 14.13 lm/W
MODEL	KL-2761	I _{max} (cd)	159.4	S/MH (C0/180)	0.85	
NOMINAL POWER (W)	3	LOR (%)	8.8	S/MH (C90/270)	0.10	
RATED VOLTAGE (V)	230	TOTAL FLUX (lm)	40.338	η UP, DN (C0-180)	0.0, 6.4	
NOMINAL FLUX (lm)	457.3	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 2.4	
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	0.00	
TEST VOLTAGE (V)	230	η down (%)	8.8	CIBSE SHR MAX	1.00	

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: K-LITE
Test Date: 20 October 2020

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.417
Humidity: 65.0%
Test Distance: 1.825m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

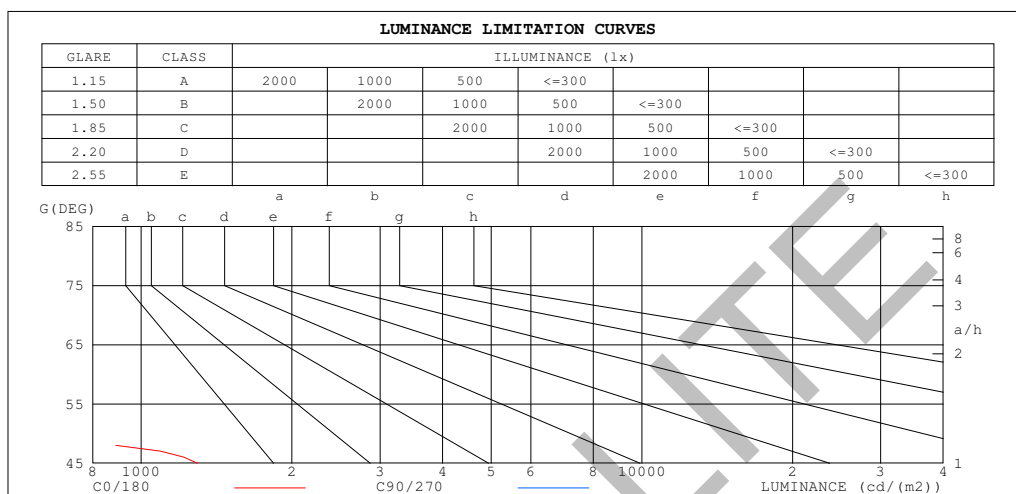
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum, lamp
10	140.7	103.3	22.14	90.26	146.4	9.584	5.843	9.057	0- 10	9.179	9.179	22.8, 2.01
20	134.6	5.252	2.503	5.405	146.6	3.446	1.836	3.430	10- 20	11.06	20.24	50.2, 4.43
30	125.5	2.109	1.032	1.713	84.00	1.240	0.8944	1.370	20- 30	9.655	29.90	74.1, 6.54
40	102.6	1.192	0.6828	0.6611	1.345	0.5150	0.7249	0.9528	30- 40	5.584	35.48	88, 7.76
50	21.73	0.8359	0.5403	0.3387	0.5985	0.2976	0.3696	0.6268	40- 50	3.948	39.43	97.7, 8.62
60	1.711	0.4137	0.2306	0.2222	0.4966	0.1837	0.1840	0.3286	50- 60	0.5268	39.96	99.1, 8.74
70	1.060	0.1725	0.0779	0.1032	0.6799	0.0788	0.0116	0.1200	60- 70	0.2748	40.23	99.7, 8.8
80	0.1780	0.0072	0.0049	0.0057	0.1409	0.0020	0	0.0005	70- 80	0.1009	40.33	100, 8.82
90	0	0	0	0	0	0	0	0	80- 90	0.0066	40.34	100, 8.82
100	0	0	0	0	0	0	0	0	90-100	0	40.34	100, 8.82
110	0	0	0	0	0	0	0	0	100-110	0	40.34	100, 8.82
120	0	0	0	0	0	0	0	0	110-120	0	40.34	100, 8.82
130	0	0	0	0	0	0	0	0	120-130	0	40.34	100, 8.82
140	0	0	0	0	0	0	0	0	130-140	0	40.34	100, 8.82
150	0	0	0	0	0	0	0	0	140-150	0	40.34	100, 8.82
160	0	0	0	0	0	0	0	0	150-160	0	40.34	100, 8.82
170	0	0	0	0	0	0	0	0	160-170	0	40.34	100, 8.82
180	0	0	0	0	0	0	0	0	170-180	0	40.34	100, 8.82
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: K-LITE
 Test Date: 20 October 2020

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.417
 Humidity: 65.0%
 Test Distance: 1.825m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:230.48V I:0.0130A P:2.8545W PF:0.9522 Freq:49.99Hz Lamp Flux:457.3x1 lm		
NAME: SUDO MINI - SLOT FRAME	TYPE:PATH FINDERS	WEIGHT:0.412kg
SPEC.:WW, NICHIA	DIM.: 76 x 87 x 130	SERIAL No.:2148
MFR.: K-LITE	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	0	0
80	10	0
75	21	0
70	31	2
65	35	4
60	34	5
55	30	6
50	341	8
45	1295	10

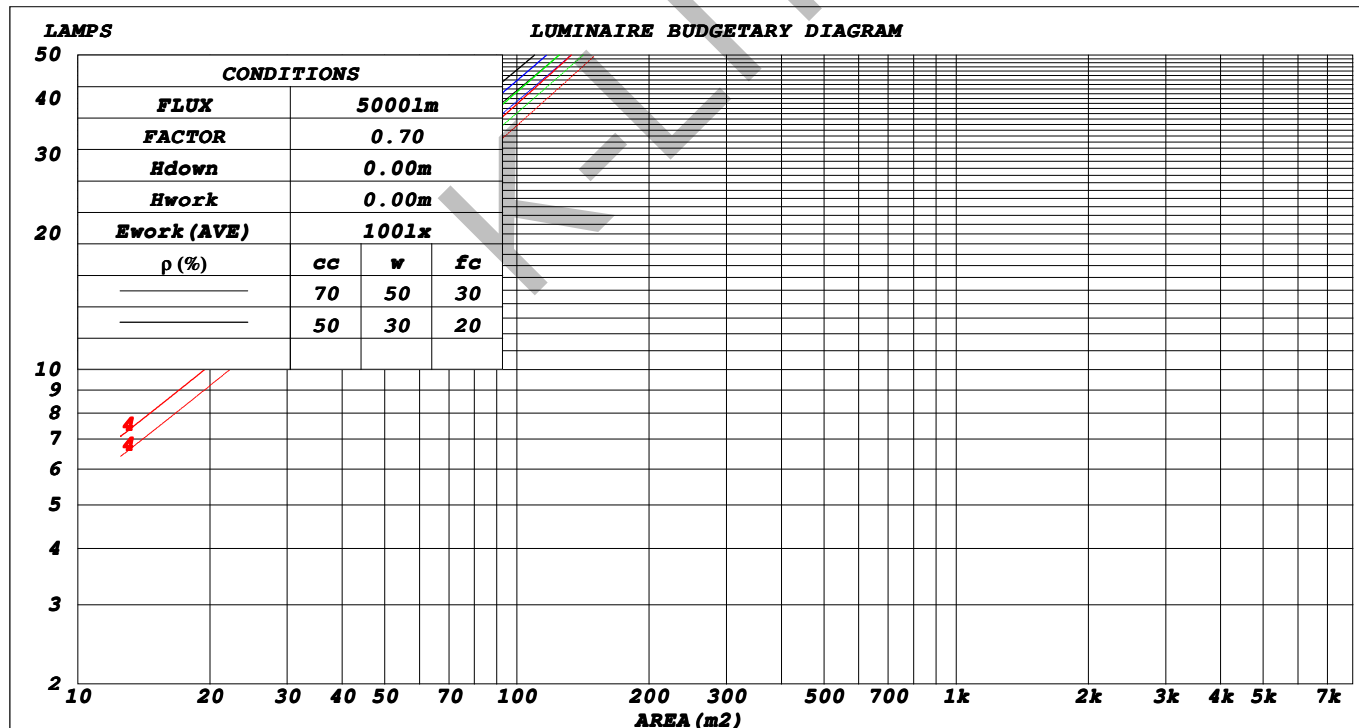
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: K-LITE
Test Date: 20 October 2020

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.417
Humidity: 65.0%
Test Distance: 1.825m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:230.48V I:0.0130A P:2.8545W PF:0.9522 Freq:49.99Hz Lamp Flux:457.3x1 lm		
NAME: SUDO MINI - SLOT FRAME	TYPE:PATH FINDERS	WEIGHT:0.412kg
SPEC.:WW, NICHIA	DIM.: 76 x 87 x 130	SERIAL No.:2148
MFR.: K-LITE	SUR.:	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	.11	.11	.11	.10	.10	.10	.10	.10	.10	.09	.09	.09	.09	.09	.09	.09
1.0	.10	.10	.09	.10	.09	.09	.09	.09	.09	.09	.09	.09	.09	.09	.08	.08
2.0	.09	.09	.09	.09	.09	.08	.09	.08	.08	.08	.08	.08	.08	.08	.08	.08
3.0	.09	.08	.08	.08	.08	.08	.08	.08	.08	.08	.08	.08	.08	.08	.07	.07
4.0	.08	.08	.07	.08	.08	.07	.08	.07	.07	.08	.07	.07	.07	.07	.07	.07
5.0	.08	.07	.07	.08	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.06
6.0	.07	.07	.06	.07	.07	.06	.07	.07	.06	.07	.07	.06	.07	.07	.06	.06
7.0	.07	.06	.06	.07	.06	.06	.07	.06	.06	.07	.06	.06	.07	.06	.06	.06
8.0	.07	.06	.06	.07	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06
9.0	.06	.06	.05	.06	.06	.05	.06	.06	.05	.06	.06	.05	.06	.06	.05	.05
10.0	.06	.06	.05	.06	.06	.05	.06	.05	.05	.06	.05	.05	.06	.05	.05	.05



C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: K-LITE
 Test Date: 20 October 2020

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.417
 Humidity: 65.0%
 Test Distance: 1.825m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:230.48V I:0.0130A P:2.8545W PF:0.9522 Freq:49.99Hz Lamp Flux:457.3x1 lm		
NAME: SUDO MINI - SLOT FRAME	TYPE:PATH FINDERS	WEIGHT:0.412kg
SPEC.:WW, NICHIA	DIM.: 76 x 87 x 130	SERIAL No.:2148
MFR.: K-LITE	SUR.:	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						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.015	.008	.003	.014	.008	.003	.013	.008	.002	.012	.007	.002	.011	.007	.002	
2.0	.014	.008	.002	.014	.008	.002	.013	.007	.002	.012	.007	.002	.011	.006	.002	
3.0	.014	.007	.002	.013	.007	.002	.012	.007	.002	.012	.006	.002	.011	.006	.002	
4.0	.013	.007	.002	.012	.007	.002	.012	.006	.002	.011	.006	.002	.011	.006	.002	
5.0	.012	.006	.002	.012	.006	.002	.011	.006	.002	.011	.006	.002	.010	.005	.002	
6.0	.012	.006	.002	.011	.006	.002	.011	.006	.002	.010	.005	.002	.010	.005	.002	
7.0	.011	.005	.002	.011	.005	.002	.010	.005	.002	.010	.005	.001	.009	.005	.001	
8.0	.010	.005	.001	.010	.005	.001	.010	.005	.001	.009	.005	.001	.009	.005	.001	
9.0	.010	.005	.001	.010	.005	.001	.009	.005	.001	.009	.005	.001	.009	.004	.001	
10.0	.010	.005	.001	.009	.005	.001	.009	.004	.001	.009	.004	.001	.008	.004	.001	

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						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.017	.017	.017	.014	.014	.014	.010	.010	.010	.006	.006	.006	.002	.002	.002	
1.0	.015	.014	.013	.013	.012	.011	.009	.008	.008	.005	.005	.004	.002	.002	.001	
2.0	.014	.012	.010	.012	.010	.009	.008	.007	.006	.005	.004	.004	.001	.001	.001	
3.0	.013	.010	.008	.011	.009	.007	.007	.006	.005	.004	.004	.003	.001	.001	.001	
4.0	.012	.009	.007	.010	.008	.006	.007	.005	.004	.004	.003	.002	.001	.001	.001	
5.0	.011	.008	.005	.009	.007	.005	.006	.005	.003	.004	.003	.002	.001	.001	.001	
6.0	.010	.007	.005	.009	.006	.004	.006	.004	.003	.003	.002	.002	.001	.001	.001	
7.0	.009	.006	.004	.008	.005	.003	.006	.004	.002	.003	.002	.001	.001	.001	.000	
8.0	.009	.006	.003	.008	.005	.003	.005	.003	.002	.003	.002	.001	.001	.001	.000	
9.0	.008	.005	.003	.007	.004	.002	.005	.003	.002	.003	.002	.001	.001	.001	.000	
10.0	.008	.005	.003	.007	.004	.002	.005	.003	.002	.003	.002	.001	.001	.001	.000	

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:K-LITE
 Test Date:20 October 2020

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.417
 Humidity:65.0%
 Test Distance:1.825m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:230.48V I:0.0130A P:2.8545W PF:0.9522 Freq:49.99Hz Lamp Flux:457.3x1 lm											
NAME: SUDO MINI - SLOT FRAME					TYPE:PATH FINDERS			WEIGHT:0.412kg			
SPEC.:WW, NICHIA					DIM.: 76 x 87 x 130			SERIAL No.:2148			
MFR.: K-LITE					SUR.:			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	15.1	16.0	15.4	16.2	16.3	-11.0	-10.1	-10.8	-9.9	-9.8	
3H	15.0	15.8	15.2	16.0	16.2	-10.7	-9.9	-10.5	-9.7	-9.5	
4H	14.9	15.7	15.2	15.9	16.1	-10.8	-10.0	-10.5	-9.8	-9.6	
6H	14.8	15.5	15.1	15.8	16.0	-10.9	-10.1	-10.6	-9.9	-9.7	
8H	14.8	15.5	15.1	15.7	16.0	-10.9	-10.2	-10.6	-10.0	-9.7	
12H	14.7	15.4	15.0	15.7	15.9	-11.0	-10.3	-10.6	-10.0	-9.8	
4H 2H	14.9	15.6	15.2	15.9	16.1	-10.2	-9.4	-9.9	-9.2	-9.0	
3H	14.7	15.4	15.0	15.6	15.9	-9.8	-9.2	-9.5	-8.9	-8.6	
4H	14.6	15.2	15.0	15.5	15.8	-9.9	-9.3	-9.6	-9.0	-8.7	
6H	14.5	15.1	14.9	15.4	15.7	-10.0	-9.5	-9.6	-9.2	-8.8	
8H	14.5	15.0	14.9	15.3	15.7	-10.1	-9.6	-9.7	-9.2	-8.9	
12H	14.4	14.9	14.8	15.2	15.6	-10.1	-9.7	-9.7	-9.3	-8.9	
8H 4H	14.5	15.0	14.9	15.3	15.7	-9.8	-9.3	-9.4	-9.0	-8.6	
6H	14.4	14.8	14.8	15.2	15.6	-9.9	-9.5	-9.5	-9.1	-8.7	
8H	14.3	14.7	14.8	15.1	15.5	-10.0	-9.6	-9.5	-9.2	-8.8	
12H	14.3	14.6	14.7	15.0	15.5	-10.0	-9.7	-9.6	-9.3	-8.8	
12H 4H	14.4	14.9	14.8	15.2	15.6	-9.9	-9.4	-9.5	-9.0	-8.6	
6H	14.3	14.7	14.8	15.1	15.5	-10.0	-9.6	-9.5	-9.2	-8.7	
8H	14.3	14.6	14.7	15.0	15.5	-10.0	-9.7	-9.6	-9.3	-8.8	
Variations with the observer position at spacings:											
S = 1.0H	+ 6.9 / -14.2					+ 1.0 / - 1.4					
1.5H	+ 7.1 / -19.2					+ 0.9 / - 0.9					
2.0H	+10.4 / -19.5					+ 1.2 / - 2.2					

CIE Pub.117, 457.3 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = -2.7$)
Area: 0.1 m²

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:K-LITE
Test Date:20 October 2020

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.417
Humidity:65.0%
Test Distance:1.825m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:230.48V I:0.0130A P:2.8545W PF:0.9522 Freq:49.99Hz Lamp Flux:457.3x1 lm		
NAME: SUDO MINI - SLOT FRAME	TYPE:PATH FINDERS	WEIGHT:0.412kg
SPEC.:WW, NICHIA	DIM.: 76 x 87 x 130	SERIAL No.:2148
MFR.: K-LITE	SUR.:	Shielding Angle:

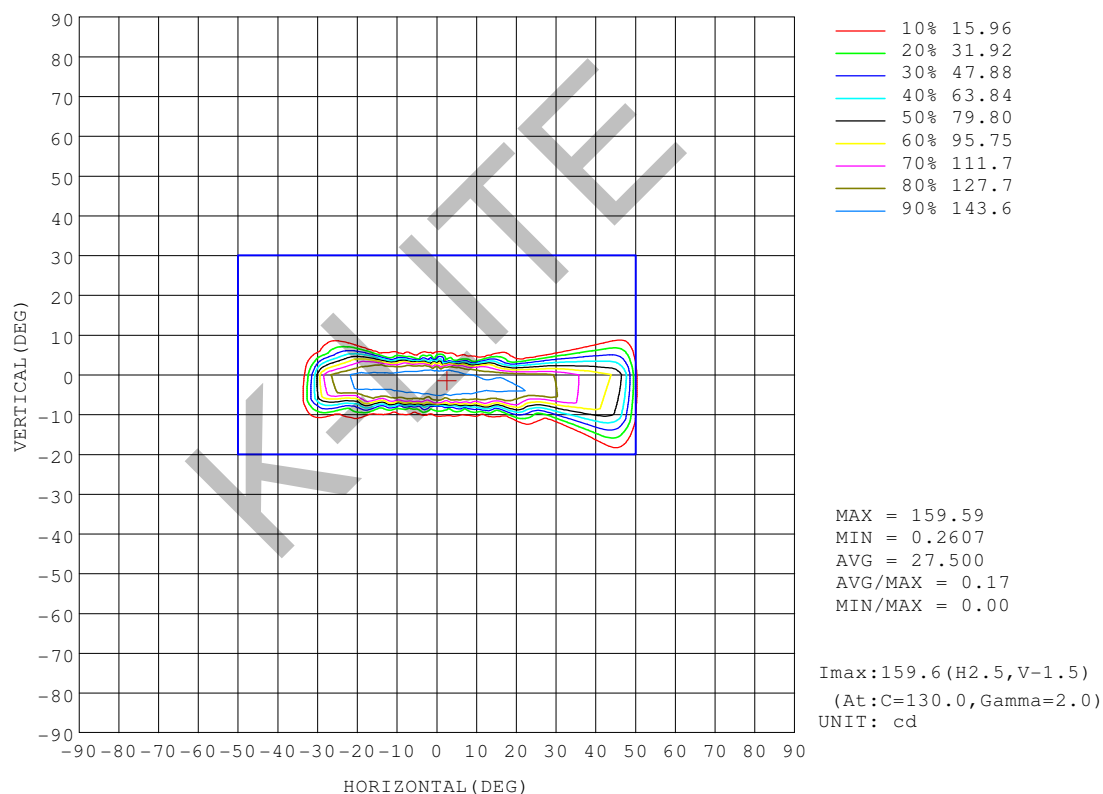
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	7	7	6	7	7	6	7	7	6	6
0.80	8	8	7	8	8	7	8	7	7	7
1.00	9	8	8	8	8	8	8	8	8	7
1.25	9	8	8	9	8	8	9	8	8	8
1.50	9	9	8	9	9	8	9	9	8	8
2.00	9	9	9	9	9	9	9	9	9	8
2.50	10	9	9	10	9	9	9	9	9	8
3.00	10	9	9	10	9	9	9	9	9	8
4.00	10	10	10	10	10	9	9	9	9	9
5.00	10	10	10	10	10	10	10	9	9	9
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: K-LITE
 Test Date: 20 October 2020

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.417
 Humidity: 65.0%
 Test Distance: 1.825m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:230.48V I:0.0130A P:2.8545W PF:0.9522 Freq:49.99Hz Lamp Flux:457.3x1 lm		
NAME: SUDO MINI - SLOT FRAME	TYPE:PATH FINDERS	WEIGHT:0.412kg
SPEC.:WW, NICHIA	DIM.: 76 x 87 x 130	SERIAL No.:2148
MFR.: K-LITE	SUR.:	Shielding Angle:

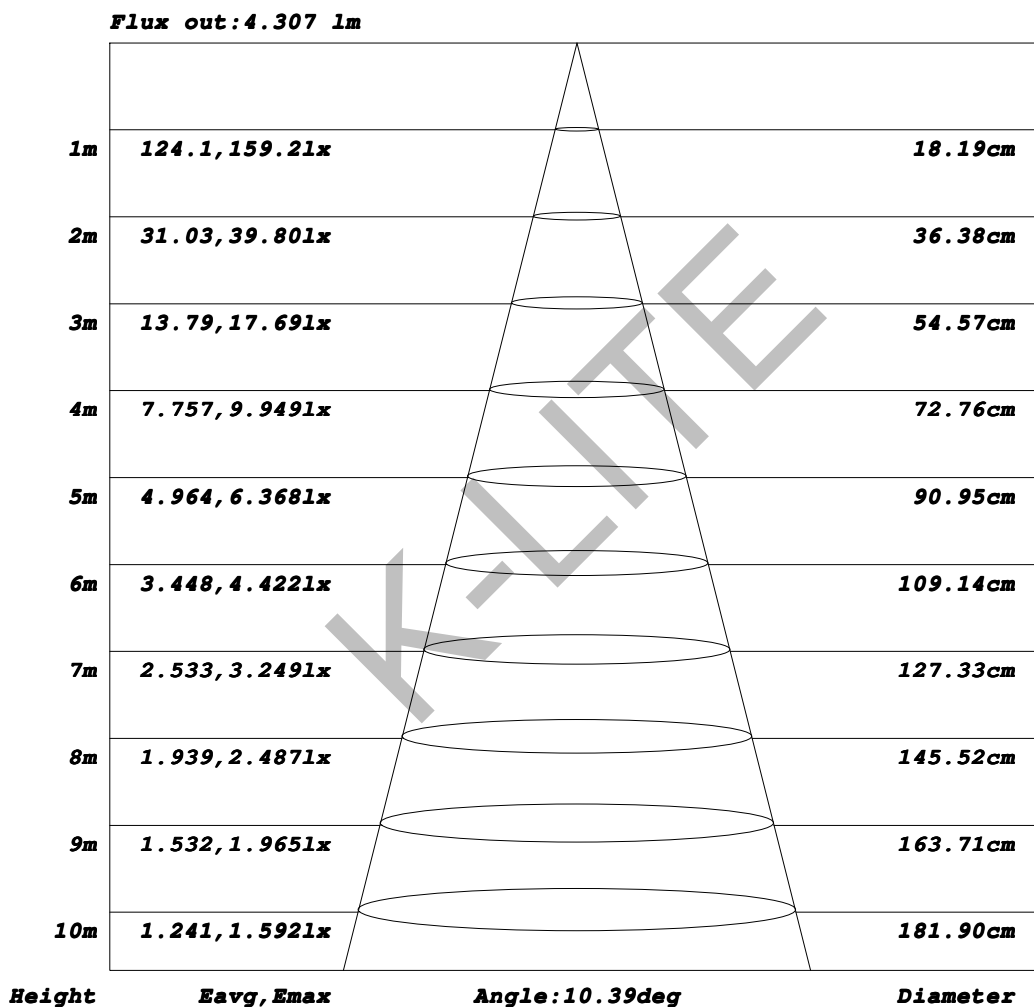


C Range: 0 - 360DEG
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 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.417
 Humidity:65.0%
 Test Distance:1.825m [K=1.0000]
 Remarks:

AAI Figure

Test:U:230.48V I:0.0130A P:2.8545W PF:0.9522 Freq:49.99Hz Lamp Flux:457.3x1 lm		
NAME: SUDO MINI - SLOT FRAME	TYPE:PATH FINDERS	WEIGHT:0.412kg
SPEC.:WW, NICHIA	DIM.: 76 x 87 x 130	SERIAL No.:2148
MFR.: K-LITE	SUR.:	Shielding Angle:



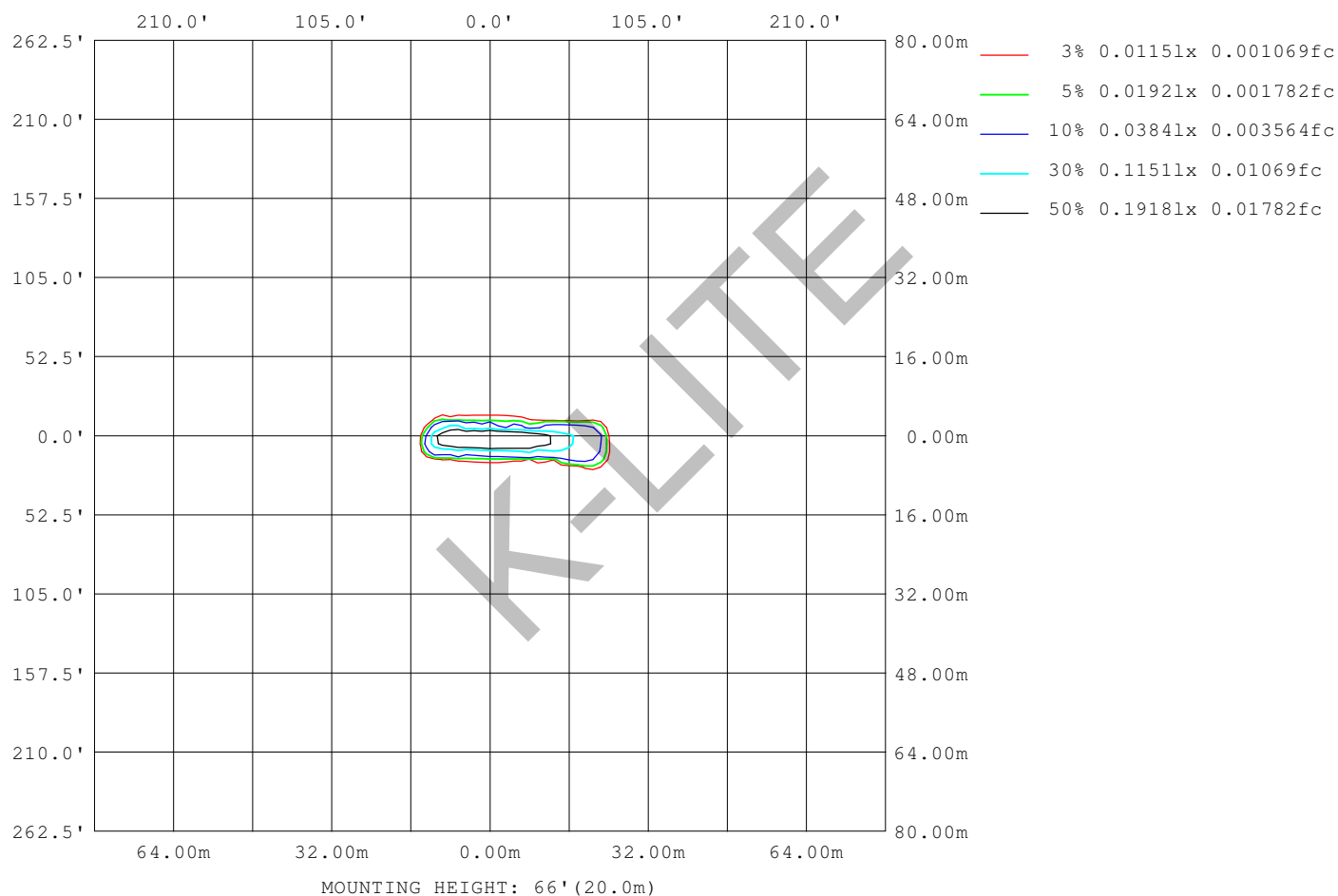
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:K-LITE
 Test Date:20 October 2020

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.417
 Humidity:65.0%
 Test Distance:1.825m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:230.48V I:0.0130A P:2.8545W PF:0.9522 Freq:49.99Hz Lamp Flux:457.3x1 lm		
NAME: SUDO MINI - SLOT FRAME	TYPE:PATH FINDERS	WEIGHT:0.412kg
SPEC.:WW, NICHIA	DIM.: 76 x 87 x 130	SERIAL No.:2148
MFR.: K-LITE	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: K-LITE
Test Date: 20 October 2020

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.417
Humidity: 65.0%
Test Distance: 1.825m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:230.48V I:0.0130A P:2.8545W PF:0.9522 Freq:49.99Hz Lamp Flux:457.3x1 lm		
NAME: SUDO MINI - SLOT FRAME	TYPE:PATH FINDERS	WEIGHT:0.412kg
SPEC.:WW, NICHIA	DIM.: 76 x 87 x 130	SERIAL No.:2148
MFR.: K-LITE	SUR.:	Shielding Angle:

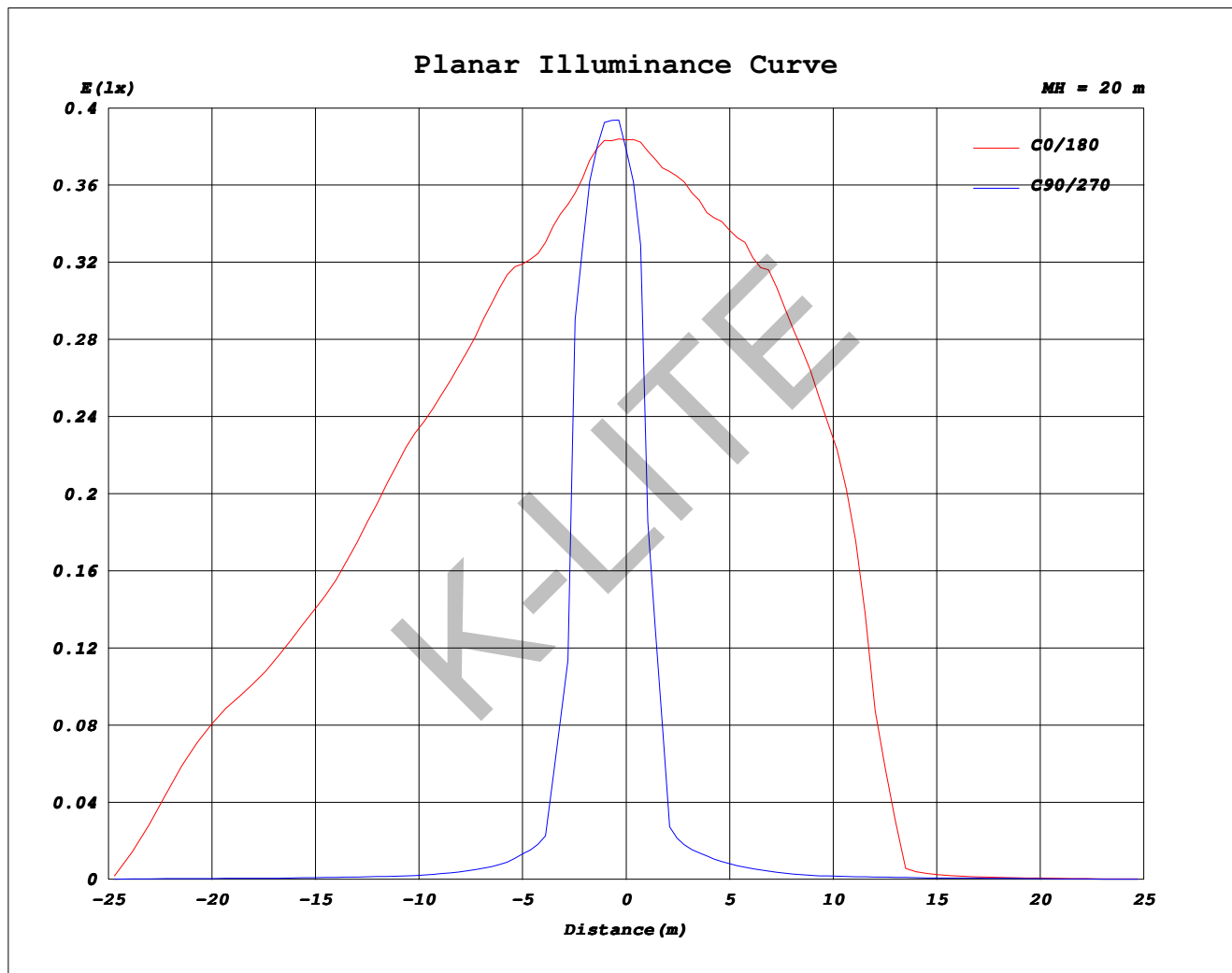
AvgL	cd/m2
L_0~180 (65) av	24
L_0~180 (75) av	19
L_0~180 (85) av	0
L_90~270 (65) av	3
L_90~270 (75) av	0
L_90~270 (85) av	0
L_45 (65) av	5
L_45 (75) av	1
L_45 (85) av	0

Standard: GB/T 29293-2012

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γ Range: 0 - 180DEG
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Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.417
Humidity: 65.0%
Test Distance: 1.825m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: K-LITE
Test Date: 20 October 2020

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.417
Humidity: 65.0%
Test Distance: 1.825m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.48V I:0.0130A P:2.8545W PF:0.9522 Freq:49.99Hz Lamp Flux:457.3x1 lm																		
NAME: SUDO MINI - SLOT FRAME									TYPE:PATH FINDERS					WEIGHT:0.412kg				
SPEC.:WW, NICHIA									DIM.: 76 x 87 x 130					SERIAL No.:2148				
MFR.: K-LITE									SUR.:					Shielding Angle:				

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
0	152	152	152	152	152	152	152	152	152	152	152	152	152	152	152	152	152	152	152
5	150	155	157	157	156	155	151	150	146	147	146	149	149	152	153	155	154	153	148
10	141	150	149	142	125	81.3	43.0	23.0	22.1	22.1	12.5	34.7	29.3	58.9	122	139	148	151	146
15	140	149	139	99.4	14.5	8.29	6.46	5.75	5.04	4.94	4.98	5.70	6.53	8.50	12.4	56.1	135	151	147
20	135	146	122	14.8	6.11	4.39	3.29	2.89	2.58	2.50	2.50	2.77	3.20	4.28	6.52	11.2	94.8	147	147
25	130	139	53.2	6.06	3.66	2.64	2.05	1.77	1.55	1.48	1.46	1.64	1.87	2.40	3.49	6.64	21.3	129	133
30	126	129	13.9	4.06	2.44	1.77	1.31	1.12	1.06	1.03	1.03	1.04	1.08	1.41	2.02	3.47	8.31	87.7	84.0
35	112	114	8.32	2.65	1.72	1.22	1.05	0.97	0.92	0.89	0.88	0.89	0.91	0.93	1.04	1.57	2.45	2.91	2.94
40	103	100	4.20	1.89	1.28	1.11	0.94	0.84	0.70	0.68	0.67	0.71	0.78	0.74	0.59	0.62	0.91	1.24	1.34
45	90.8	82.2	2.93	1.44	1.13	0.95	0.72	0.70	0.71	0.70	0.69	0.66	0.57	0.52	0.41	0.39	0.52	0.80	0.88
50	21.7	27.7	1.70	1.16	0.98	0.69	0.62	0.63	0.56	0.54	0.53	0.57	0.54	0.35	0.33	0.32	0.34	0.54	0.60
55	1.69	1.53	0.83	0.74	0.67	0.50	0.49	0.39	0.34	0.32	0.33	0.35	0.37	0.32	0.27	0.27	0.27	0.40	0.52
60	1.71	1.48	0.56	0.46	0.42	0.41	0.31	0.27	0.24	0.23	0.23	0.24	0.23	0.23	0.21	0.22	0.24	0.34	0.50
65	1.45	1.05	0.41	0.31	0.29	0.27	0.22	0.18	0.16	0.15	0.16	0.17	0.16	0.15	0.16	0.17	0.20	0.31	0.61
70	1.06	0.65	0.29	0.22	0.18	0.17	0.13	0.10	0.08	0.08	0.09	0.09	0.09	0.10	0.11	0.13	0.15	0.25	0.68
75	0.54	0.36	0.18	0.13	0.09	0.07	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.03	0.05	0.08	0.10	0.17	0.44
80	0.18	0.13	0.08	0.03	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.02	0.05	0.08	0.14
85	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00

C Range: 0 - 360DEG

C Interval: 10.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:K-LITE

Test Date:20 October 2020

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.417

Humidity:65.0%

Test Distance:1.825m [K=1.0000]

Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.48V I:0.0130A P:2.8545W PF:0.9522 Freq:49.99Hz Lamp Flux:457.3x1 lm																	
NAME: SUDO MINI - SLOT FRAME									TYPE:PATH FINDERS						WEIGHT:0.412kg		
SPEC.:WW, NICHIA									DIM.: 76 x 87 x 130						SERIAL No.:2148		
MFR.: K-LITE									SUR.:						Shielding Angle:		

Table--2

UNIT: cd

C (DEG) γ (DEG)	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350		
0	152	152	152	152	152	152	152	152	152	152	152	152	152	152	152	152	152		
5	142	136	124	86.8	60.7	36.1	40.9	16.1	32.4	39.6	38.8	22.9	41.5	44.3	112	133	144		
10	134	86.2	15.6	11.0	8.18	6.95	6.09	5.83	5.84	5.87	6.20	6.99	8.06	10.1	13.8	22.5	120		
15	125	16.7	8.86	6.10	4.82	4.09	3.58	3.34	3.25	3.33	3.56	4.04	4.78	5.97	8.02	12.8	81.0		
20	104	11.2	5.83	4.00	2.89	2.36	2.04	1.91	1.84	1.89	2.05	2.41	2.96	3.90	5.43	8.28	17.6		
25	60.3	6.88	3.82	2.46	1.74	1.36	1.14	1.08	1.08	1.09	1.16	1.38	1.82	2.50	3.64	5.87	11.5		
30	15.9	3.93	2.23	1.46	1.02	0.90	0.87	0.86	0.89	0.89	0.92	1.00	1.15	1.59	2.45	4.20	8.69		
35	2.24	1.58	1.05	0.75	0.74	0.77	0.78	0.74	0.72	0.74	0.83	0.92	0.99	1.16	1.64	2.93	6.71		
40	1.09	0.79	0.52	0.47	0.56	0.61	0.65	0.71	0.72	0.73	0.74	0.70	0.89	1.02	1.23	2.11	5.40		
45	0.72	0.50	0.35	0.36	0.40	0.50	0.61	0.61	0.60	0.62	0.66	0.68	0.65	0.86	1.08	1.46	3.94		
50	0.52	0.35	0.29	0.29	0.30	0.45	0.43	0.40	0.37	0.38	0.42	0.53	0.60	0.66	0.84	1.00	1.85		
55	0.42	0.28	0.24	0.24	0.28	0.27	0.27	0.26	0.26	0.27	0.29	0.33	0.43	0.45	0.55	0.57	0.97		
60	0.38	0.24	0.20	0.19	0.18	0.19	0.20	0.19	0.18	0.19	0.20	0.24	0.29	0.37	0.36	0.41	0.74		
65	0.37	0.20	0.16	0.14	0.13	0.12	0.13	0.12	0.11	0.11	0.12	0.15	0.20	0.24	0.26	0.30	0.56		
70	0.33	0.16	0.11	0.09	0.07	0.05	0.03	0.01	0.01	0.01	0.02	0.06	0.11	0.13	0.16	0.21	0.39		
75	0.21	0.10	0.07	0.04	0.01	0.01	0.00	0.00	0.01	0.00	0.00	0.01	0.01	0.02	0.07	0.12	0.22		
80	0.08	0.05	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.08		
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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	0.00	0.00	0.00	0.00	0.00		

C Range: 0 - 360DEG

C Interval: 10.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:K-LITE

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Humidity:65.0%

Test Distance:1.825m [K=1.0000]

Remarks: