

Light Output Ratio:	17.8%	
Luminaire Power:	2.483 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:07 September 2020

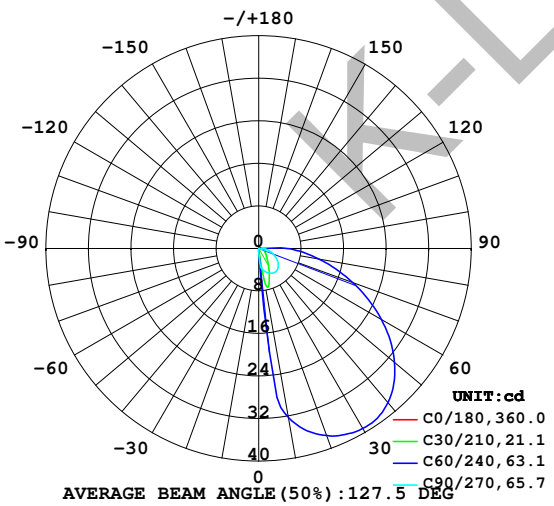
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.417
Humidity:65.0%
Test Distance:1.852m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

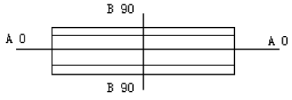
Test:U:230.49V I:0.0117A P:2.4832W PF:0.9234 Freq:49.99Hz Lamp Flux:276.36x1 lm		
NAME: SUDO - ASY VERTICAL REEDED FRAME	TYPE:PATH FINDERS	WEIGHT:
SPEC.:CW, NICHIA	DIM.: 76 x 87 x 255	SERIAL No.:1808
MFR.: K-LITE	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA		Eff: 19.79 lm/W	
MODEL	KL-2760	Imax(cd)	54.52	S/MH(C0/180)	0.00
NOMINAL POWER(W)	3	LOR(%)	17.8	S/MH(C90/270)	0.01
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	49.150	η UP,DN(C0-180)	0.3,17.5
NOMINAL FLUX(lm)	276.36	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,0.0
LAMPS INSIDE	1	η up(%)	0.3	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	230	η down(%)	17.5	CIBSE SHR MAX	1.00

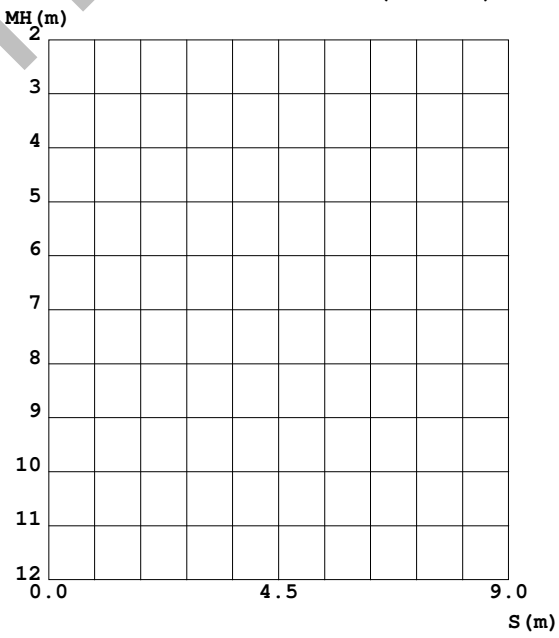
LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):127.5 DEG



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



K-LITE

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:K-LITE
Test Date:07 September 2020

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.417
Humidity:65.0%
Test Distance:1.852m [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	0	14.48	3.999	30.59	0	0	0	0	0- 10	0.6731	0.6731	1.37,0.24
20	0	14.00	4.854	26.23	0	0	0	0	10- 20	3.231	3.904	7.94,1.41
30	0	12.56	5.364	22.27	0	0	0	0	20- 30	5.518	9.422	19.2,3.41
40	0	11.25	5.381	18.94	0	0	0	0	30- 40	7.399	16.82	34.2,6.09
50	0	9.592	4.869	15.69	0	0	0	0	40- 50	8.408	25.23	51.3,9.13
60	0	7.681	3.939	12.35	0	0	0	0	50- 60	8.236	33.47	68.1,12.1
70	0	5.585	2.795	8.901	0	0	0	0	60- 70	6.938	40.40	82.2,14.6
80	0	3.545	1.719	5.552	0	0	0	0	70- 80	4.960	45.36	92.3,16.4
90	0	1.739	0.8521	2.624	0	0	0	0	80- 90	2.905	48.27	98.2,17.5
100	0	0.0780	0.0175	0.0666	0	0	0.0013	0	90-100	0.5564	48.83	99.3,17.7
110	0	0.0293	0.0418	0.0219	0	0	0.0007	0	100-110	0.1085	48.93	99.6,17.7
120	0	0.1275	0.0246	0.2586	0	0	0.0003	0	110-120	0.0896	49.02	99.7,17.7
130	0	0.1782	0.0157	0.1926	0	0	0.0002	0	120-130	0.0681	49.09	99.9,17.8
140	0	0.0646	0.0083	0.0705	0	0	0	0	130-140	0.0390	49.13	100,17.8
150	0	0.0317	0.0023	0.0315	0	0	0.0000	0	140-150	0.0145	49.15	100,17.8
160	0	0.0060	0.0016	0.0271	0	0	0.0000	0	150-160	0.0036	49.15	100,17.8
170	0	0	0.0003	0.0034	0	0	0	0	160-170	0.0010	49.15	100,17.8
180	0	0	0	0	0	0	0	0	170-180	0.0000	49.15	100,17.8
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

K-LITE

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:K-LITE
Test Date:07 September 2020

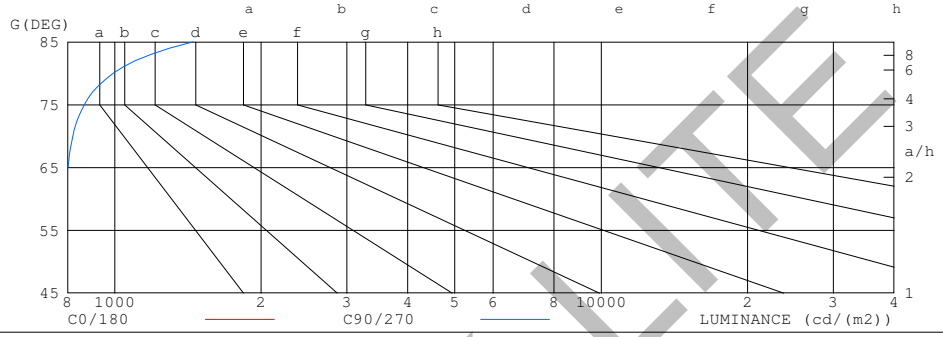
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.417
Humidity:65.0%
Test Distance:1.852m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:230.49V I:0.0117A P:2.4832W PF:0.9234 Freq:49.99Hz Lamp Flux:276.36x1 lm		
NAME: SUDO - ASY VERTICAL REEDED FRAME	TYPE:PATH FINDERS	WEIGHT:
SPEC.:CW, NICHIA	DIM.: 76 x 87 x 255	SERIAL No.:1808
MFR.: K-LITE	SUR.:	Shielding Angle:

LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
1.15	A	2000	1000	500	<=300				
1.50	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.20	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	0	1448
80	0	993
75	0	866
70	0	820
65	0	802
60	0	790
55	0	778
50	0	760
45	0	736

K-LITE

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:K-LITE
Test Date:07 September 2020

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.417
Humidity:65.0%
Test Distance:1.852m [K=1.0000]
Remarks:

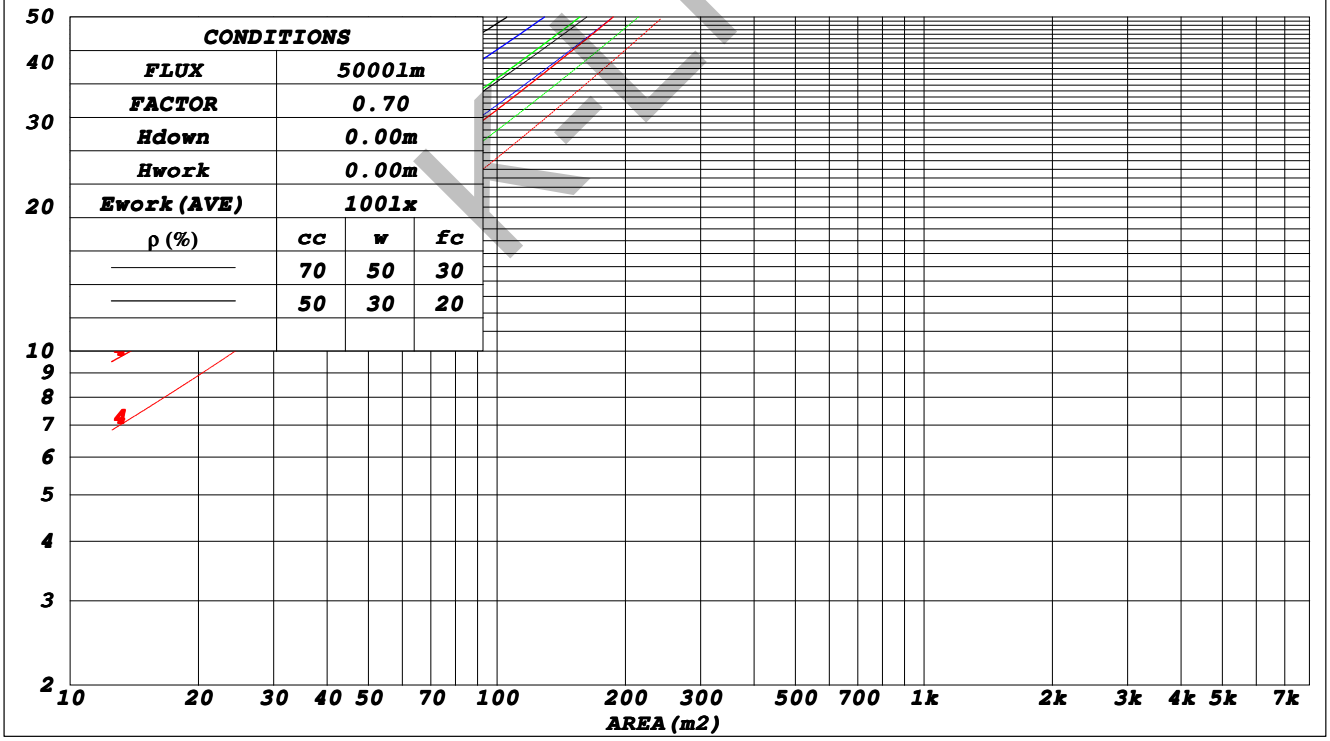
CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:230.49V I:0.0117A P:2.4832W PF:0.9234 Freq:49.99Hz Lamp Flux:276.36x1 lm		
NAME: SUDO - ASY VERTICAL REEDED FRAME	TYPE:PATH FINDERS	WEIGHT:
SPEC.:CW, NICHIA	DIM.: 76 x 87 x 255	SERIAL No.:1808
MFR.: K-LITE	SUR.:	Shielding Angle:

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			Coefficients of Utilization(CU)												
0.0	.21	.21	.21	.21	.21	.21	.20	.20	.20	.19	.19	.19	.18	.18	.18	.17
1.0	.18	.17	.16	.17	.16	.16	.16	.16	.15	.16	.15	.15	.15	.15	.14	.14
2.0	.15	.14	.13	.15	.13	.12	.14	.13	.12	.13	.13	.12	.13	.12	.11	.11
3.0	.13	.11	.10	.13	.11	.10	.12	.11	.10	.12	.11	.10	.11	.10	.09	.09
4.0	.11	.10	.08	.11	.10	.08	.11	.09	.08	.10	.09	.08	.10	.09	.08	.07
5.0	.10	.08	.07	.10	.08	.07	.09	.08	.07	.09	.08	.07	.09	.08	.07	.06
6.0	.09	.07	.06	.09	.07	.06	.08	.07	.06	.08	.07	.06	.08	.07	.06	.05
7.0	.08	.06	.05	.08	.06	.05	.08	.06	.05	.07	.06	.05	.07	.06	.05	.05
8.0	.07	.06	.05	.07	.06	.05	.07	.06	.05	.07	.05	.04	.06	.05	.04	.04
9.0	.07	.05	.04	.07	.05	.04	.06	.05	.04	.06	.05	.04	.06	.05	.04	.04
10.0	.06	.05	.04	.06	.05	.04	.06	.05	.04	.06	.04	.04	.05	.04	.04	.03

LAMPS

LUMINAIRE BUDGETARY DIAGRAM



K-LITE

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:K-LITE
Test Date:07 September 2020

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.417
Humidity:65.0%
Test Distance:1.852m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:230.49V I:0.0117A P:2.4832W PF:0.9234 Freq:49.99Hz Lamp Flux:276.36x1 lm		
NAME: SUDO - ASY VERTICAL REEDED FRAME	TYPE:PATH FINDERS	WEIGHT:
SPEC.:CW, NICHIA	DIM.: 76 x 87 x 255	SERIAL No.:1808
MFR.: K-LITE	SUR.:	Shielding Angle:

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 Coeffcients(WEC)												
0.0																
1.0	.067	.038	.012	.066	.038	.012	.063	.036	.012	.061	.035	.011	.059	.034	.011	
2.0	.060	.033	.010	.059	.032	.010	.056	.031	.010	.054	.030	.010	.052	.030	.009	
3.0	.054	.029	.009	.053	.028	.009	.051	.028	.008	.049	.027	.008	.047	.026	.008	
4.0	.049	.025	.007	.048	.025	.007	.046	.024	.007	.044	.024	.007	.043	.023	.007	
5.0	.045	.023	.007	.044	.022	.007	.042	.022	.006	.041	.021	.006	.039	.021	.006	
6.0	.041	.021	.006	.040	.020	.006	.039	.020	.006	.037	.019	.006	.036	.019	.006	
7.0	.038	.019	.005	.037	.019	.005	.036	.018	.005	.035	.018	.005	.033	.017	.005	
8.0	.035	.017	.005	.035	.017	.005	.033	.017	.005	.032	.016	.005	.031	.016	.005	
9.0	.033	.016	.004	.032	.016	.004	.031	.015	.004	.030	.015	.004	.029	.015	.004	
10.0	.031	.015	.004	.030	.015	.004	.029	.014	.004	.028	.014	.004	.027	.014	.004	

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	.036	.036	.036	.031	.031	.031	.021	.021	.021	.012	.012	.012	.004	.004	.004	
1.0	.035	.030	.025	.030	.026	.022	.021	.018	.015	.012	.010	.009	.004	.003	.003	
2.0	.034	.026	.019	.029	.022	.016	.020	.015	.011	.012	.009	.007	.004	.003	.002	
3.0	.033	.023	.015	.028	.020	.013	.019	.014	.009	.011	.008	.005	.004	.003	.002	
4.0	.032	.021	.012	.027	.018	.011	.019	.012	.007	.011	.007	.004	.003	.002	.001	
5.0	.030	.019	.010	.026	.016	.009	.018	.011	.006	.010	.007	.004	.003	.002	.001	
6.0	.029	.017	.009	.025	.015	.008	.017	.010	.006	.010	.006	.003	.003	.002	.001	
7.0	.028	.016	.008	.024	.014	.007	.016	.010	.005	.010	.006	.003	.003	.002	.001	
8.0	.026	.015	.007	.023	.013	.006	.016	.009	.005	.009	.005	.003	.003	.002	.001	
9.0	.025	.014	.007	.022	.012	.006	.015	.009	.004	.009	.005	.003	.003	.002	.001	
10.0	.024	.013	.006	.021	.012	.006	.014	.008	.004	.008	.005	.002	.003	.002	.001	

K-LITE

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:K-LITE
Test Date:07 September 2020

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.417
Humidity:65.0%
Test Distance:1.852m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:230.49V I:0.0117A P:2.4832W PF:0.9234 Freq:49.99Hz Lamp Flux:276.36x1 lm		
NAME: SUDO - ASY VERTICAL REEDED FRAME	TYPE:PATH FINDERS	WEIGHT:
SPEC.:CW, NICHIA	DIM.: 76 x 87 x 255	SERIAL No.:1808
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	2.7	4.3	3.0	4.6	4.8	20.9	22.5	21.2	22.8	23.0
	3H	2.5	4.1	2.9	4.3	4.6	23.2	24.7	23.5	25.0	25.3
	4H	2.4	3.9	2.8	4.2	4.5	24.3	25.7	24.6	26.0	26.3
	6H	2.3	3.7	2.7	4.0	4.4	25.3	26.6	25.6	27.0	27.3
	8H	2.3	3.6	2.7	3.9	4.3	25.8	27.1	26.1	27.4	27.8
	12H	2.2	3.5	2.6	3.9	4.2	26.3	27.6	26.7	27.9	28.3
4H	2H	10.5	12.0	10.9	12.3	12.6	20.7	22.2	21.1	22.5	22.8
	3H	10.4	11.7	10.8	12.0	12.4	23.4	24.7	23.8	25.0	25.3
	4H	10.3	11.5	10.7	11.9	12.2	24.7	25.9	25.1	26.3	26.6
	6H	10.2	11.3	10.7	11.7	12.1	26.0	27.1	26.5	27.5	27.9
	8H	10.2	11.2	10.6	11.6	12.0	26.7	27.7	27.1	28.1	28.5
	12H	10.2	11.1	10.6	11.5	11.9	27.4	28.3	27.9	28.8	29.2
8H	4H	13.9	14.9	14.4	15.3	15.8	24.6	25.6	25.1	26.0	26.5
	6H	13.9	14.8	14.4	15.2	15.7	26.2	27.1	26.7	27.5	28.0
	8H	13.9	14.7	14.4	15.1	15.6	27.1	27.8	27.6	28.3	28.8
	12H	13.9	14.5	14.4	15.0	15.5	28.1	28.7	28.6	29.2	29.7
12H	4H	15.2	16.1	15.7	16.5	17.0	24.6	25.5	25.1	25.9	26.4
	6H	15.4	16.1	15.9	16.6	17.1	26.2	26.9	26.7	27.4	27.9
	8H	15.4	16.1	15.9	16.5	17.1	27.1	27.8	27.6	28.3	28.8

Variations with the observer position at spacings:		
S = 1.0H	+ 0.5 / - 0.5	+ 0.1 / - 0.1
1.5H	+ 0.6 / - 0.3	+ 0.2 / - 0.2
2.0H	+ 0.6 / - 0.8	+ 0.3 / - 0.5

CIE Pub.117, 276.4 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -4.5)
Area: 0.1 m2

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:K-LITE
Test Date:07 September 2020

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.417
Humidity:65.0%
Test Distance:1.852m [K=1.0000]
Remarks:

K-LITE

UTILIZATION FACTORS TABLE

Test:U:230.49V I:0.0117A P:2.4832W PF:0.9234 Freq:49.99Hz Lamp Flux:276.36x1 lm		
NAME: SUDO - ASY VERTICAL REEDED FRAME	TYPE:PATH FINDERS	WEIGHT:
SPEC.:CW, NICHIA	DIM.: 76 x 87 x 255	SERIAL No.:1808
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) x RCR = 5*									
k = 0.60	*9*	*7*	*6*	*9*	*7*	*6*	*9*	*7*	*6*	*4*
0.80	*11*	*9*	*7*	*11*	*9*	*7*	*10*	*8*	*7*	*6*
1.00	*12*	*10*	*9*	*12*	*10*	*9*	*12*	*10*	*9*	*7*
1.25	*14*	*12*	*10*	*13*	*11*	*10*	*13*	*11*	*10*	*8*
1.50	*15*	*13*	*11*	*14*	*12*	*11*	*14*	*12*	*11*	*9*
2.00	*16*	*14*	*13*	*16*	*14*	*13*	*15*	*13*	*12*	*11*
2.50	*17*	*15*	*14*	*16*	*15*	*14*	*16*	*14*	*13*	*12*
3.00	*17*	*16*	*15*	*17*	*16*	*15*	*16*	*15*	*14*	*12*
4.00	*18*	*17*	*16*	*18*	*17*	*16*	*17*	*16*	*15*	*13*
5.00	*19*	*18*	*17*	*18*	*17*	*16*	*17*	*17*	*16*	*14*
ROOM INDEX	*UF(total)*									*Direct*
According to DIN EN 13032-2 2004				*Suspended*					*SHRNOM = 1.25*	

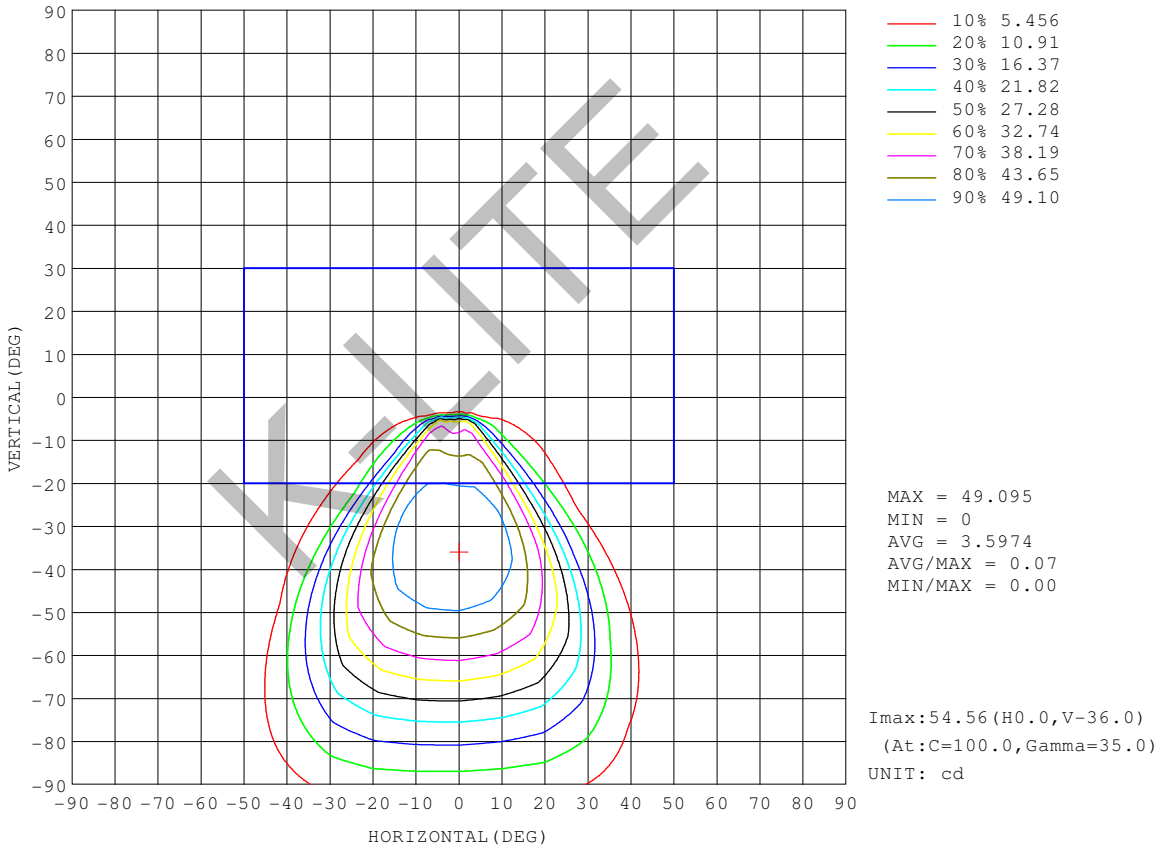
K-LITE

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:K-LITE
Test Date:07 September 2020

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.417
Humidity:65.0%
Test Distance:1.852m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:230.49V I:0.0117A P:2.4832W PF:0.9234 Freq:49.99Hz Lamp Flux:276.36x1 lm		
NAME: SUDO - ASY VERTICAL REEDED FRAME	TYPE:PATH FINDERS	WEIGHT:
SPEC.:CW, NICHIA	DIM.: 76 x 87 x 255	SERIAL No.:1808
MFR.: K-LITE	SUR.:	Shielding Angle:



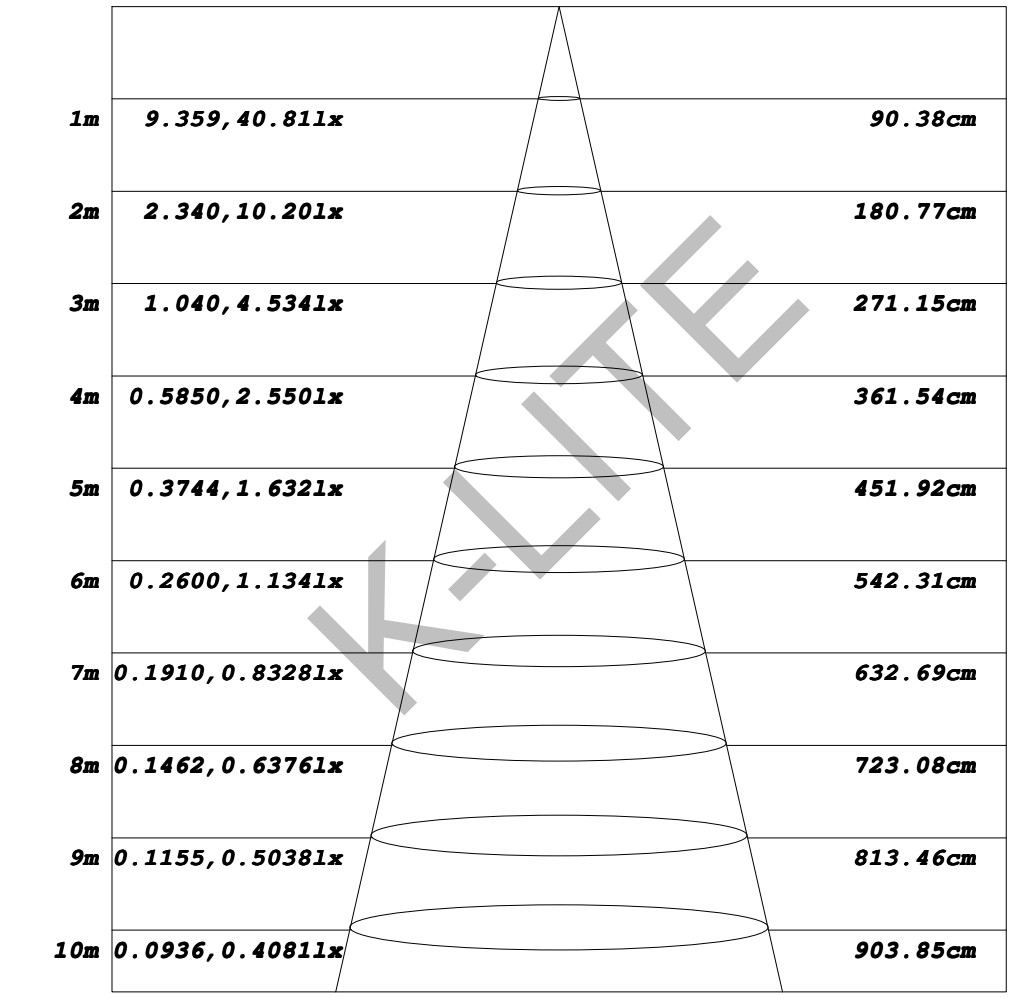
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:K-LITE
Test Date:07 September 2020

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.417
Humidity:65.0%
Test Distance:1.852m [K=1.0000]
Remarks:

AAI Figure

Test:U:230.49V I:0.0117A P:2.4832W PF:0.9234 Freq:49.99Hz Lamp Flux:276.36x1 lm		
NAME: SUDO - ASY VERTICAL REEDED FRAME	TYPE:PATH FINDERS	WEIGHT:
SPEC.:CW, NICHIA	DIM.: 76 x 87 x 255	SERIAL No.:1808
MFR.: K-LITE	SUR.:	Shielding Angle:

Flux out:6.394 lm



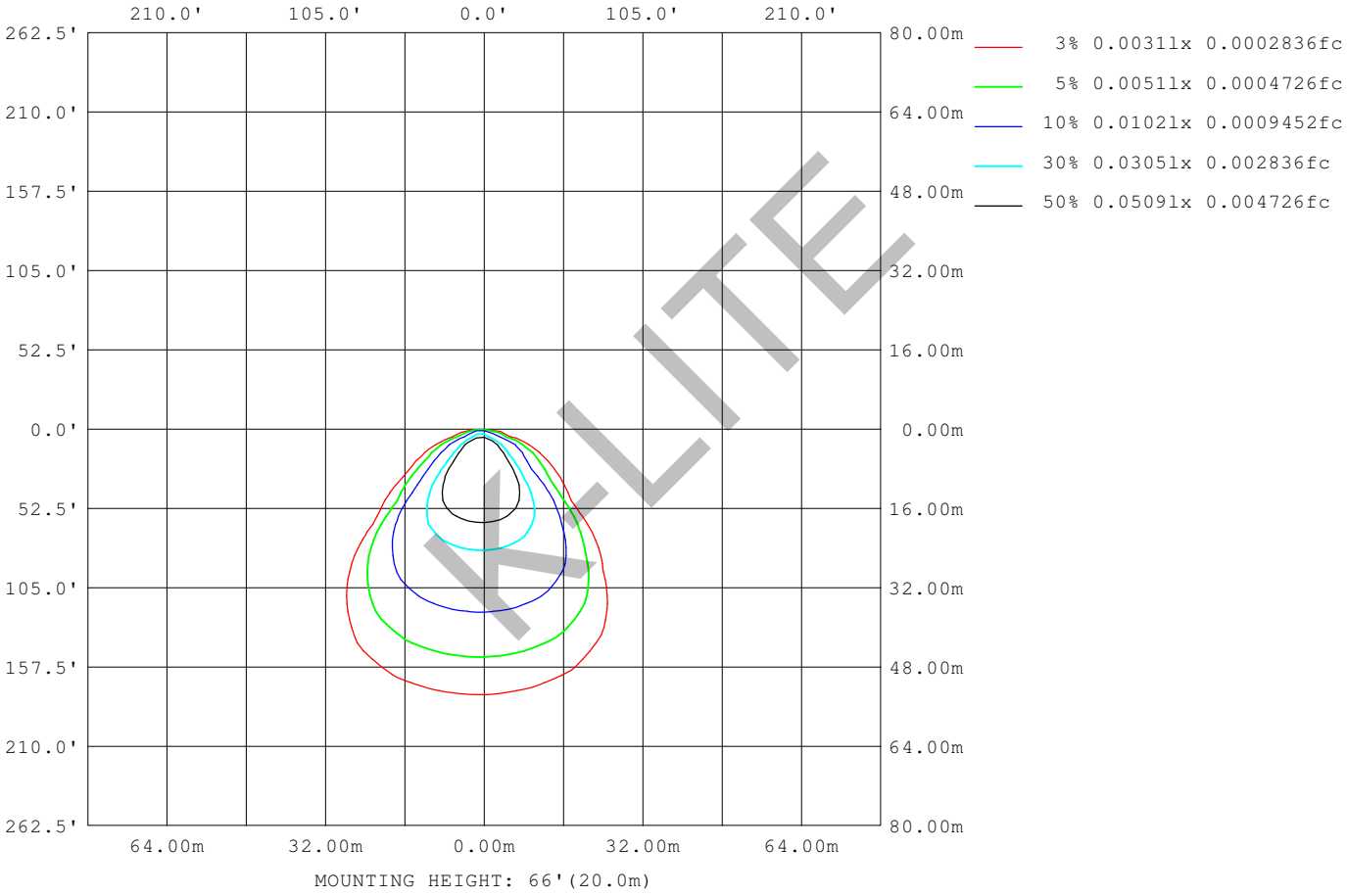
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:K-LITE
Test Date:07 September 2020

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.417
Humidity:65.0%
Test Distance:1.852m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

Test:U:230.49V I:0.0117A P:2.4832W PF:0.9234 Freq:49.99Hz Lamp Flux:276.36x1 lm		
NAME: SUDO - ASY VERTICAL REEDED FRAME	TYPE:PATH FINDERS	WEIGHT:
SPEC.:CW, NICHIA	DIM.: 76 x 87 x 255	SERIAL No.:1808
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:07 September 2020

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.417
Humidity:65.0%
Test Distance:1.852m [K=1.0000]
Remarks:

LED Avg.L Report

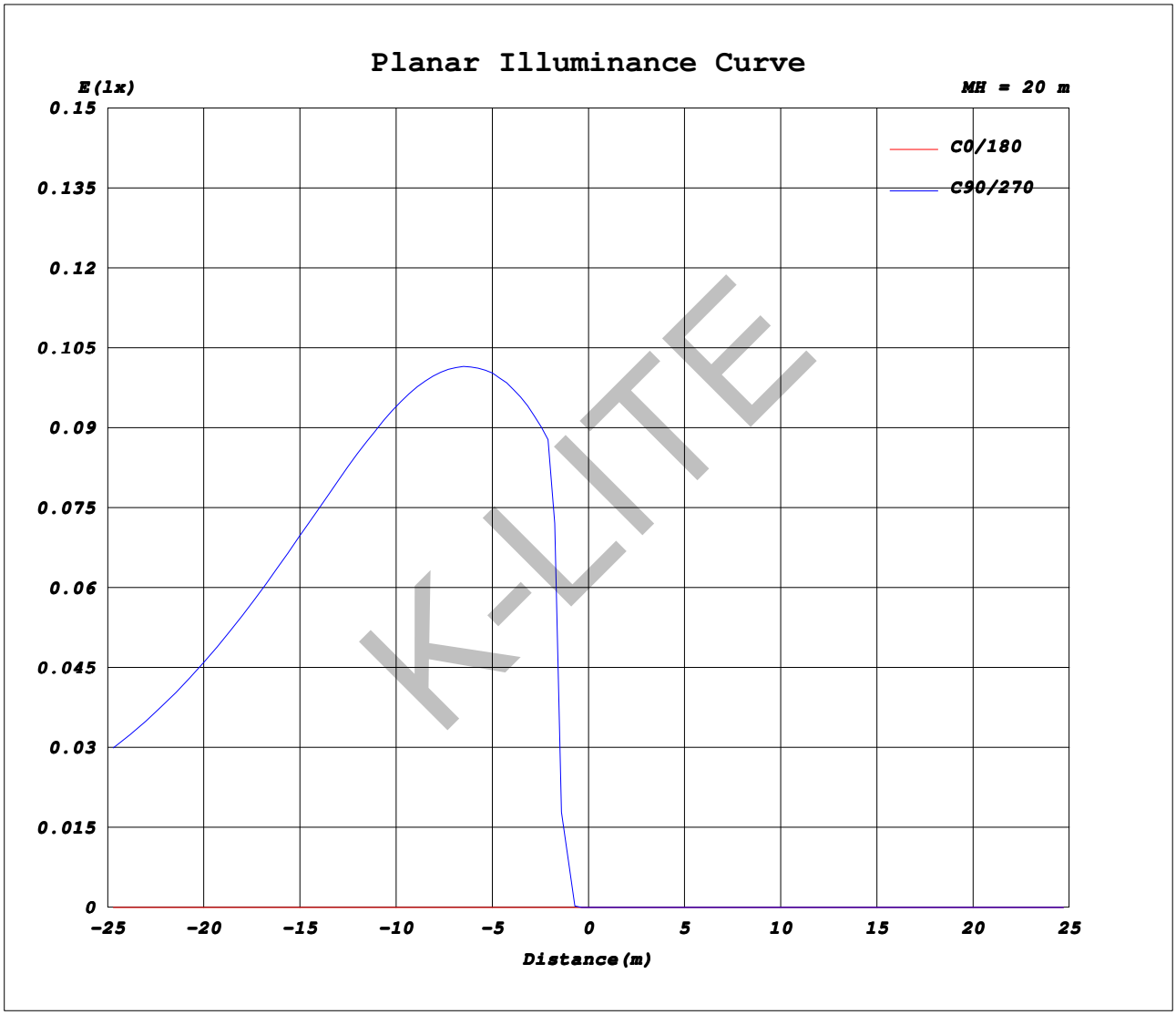
Test:U:230.49V I:0.0117A P:2.4832W PF:0.9234 Freq:49.99Hz Lamp Flux:276.36x1 lm		
NAME: SUDO - ASY VERTICAL REEDED FRAME	TYPE:PATH FINDERS	WEIGHT:
SPEC.:CW, NICHIA	DIM.: 76 x 87 x 255	SERIAL No.:1808
MFR.: K-LITE	SUR.:	Shielding Angle:

AvgL	cd/m2
L_0~180(65)av	0
L_0~180(75)av	0
L_0~180(85)av	0
L_90~270(65)av	40
L_90~270(75)av	43
L_90~270(85)av	72
L_45(65)av	95
L_45(75)av	106
L_45(85)av	177

Standard: GB/T 29293-2012

K-LITE

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:K-LITE
Test Date:07 September 2020

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.417
Humidity:65.0%
Test Distance:1.852m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.49V I:0.0117A P:2.4832W PF:0.9234 Freq:49.99Hz Lamp Flux:276.36x1 lm		
NAME: SUDO - ASY VERTICAL REEDED FRAME	TYPE:PATH FINDERS	WEIGHT:
SPEC.:CW, NICHIA	DIM.: 76 x 87 x 255	SERIAL No.:1808
MFR.: K-LITE	SUR.:	Shielding Angle:

Table--1 UNIT: cd

γ (DEG) \ C(DEG)	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
0	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
5	0.00	0.00	0.04	0.22	1.06	6.00	11.3	3.28	24.5	2.91	23.5	12.5	14.4	5.58	1.83	0.26	0.02	0.00	0.00
10	0.00	0.05	0.71	6.04	10.7	18.3	32.3	6.24	40.6	4.00	40.0	24.2	40.9	37.7	23.5	8.51	0.88	0.03	0.00
15	0.00	0.12	1.97	7.29	9.78	19.3	35.5	6.83	44.9	4.46	44.9	26.8	44.1	37.6	19.6	9.63	3.56	0.12	0.00
20	0.00	0.18	1.96	5.94	8.51	19.5	37.4	7.31	48.4	4.85	48.9	28.8	46.0	36.2	16.3	7.76	3.14	0.21	0.00
25	0.00	0.19	1.61	4.71	7.39	19.2	38.6	7.66	51.2	5.16	51.9	30.2	47.2	34.5	13.6	6.07	2.39	0.23	0.00
30	0.00	0.18	1.28	3.74	6.43	18.7	39.1	7.87	52.9	5.36	53.8	31.2	47.6	32.8	11.7	4.79	1.80	0.21	0.00
35	0.00	0.17	1.04	3.03	5.71	18.1	38.9	7.91	53.5	5.44	54.5	31.4	47.1	31.0	10.1	3.85	1.37	0.19	0.00
40	0.00	0.16	0.87	2.52	5.11	17.4	37.8	7.76	52.8	5.38	53.8	30.9	45.6	29.0	8.90	3.16	1.09	0.17	0.00
45	0.00	0.15	0.76	2.14	4.58	16.3	36.0	7.43	50.7	5.19	51.8	29.6	43.4	26.7	7.88	2.68	0.91	0.16	0.00
50	0.00	0.15	0.68	1.86	4.11	15.1	33.4	6.94	47.4	4.87	48.6	27.8	40.2	24.4	7.02	2.32	0.79	0.15	0.00
55	0.00	0.15	0.62	1.64	3.67	13.7	30.2	6.32	43.2	4.45	44.5	25.4	36.5	21.8	6.24	2.04	0.70	0.15	0.00
60	0.00	0.14	0.58	1.45	3.24	12.1	26.6	5.58	38.2	3.94	39.4	22.5	32.3	19.2	5.49	1.81	0.64	0.15	0.00
65	0.00	0.14	0.54	1.30	2.83	10.5	22.8	4.77	32.7	3.38	33.8	19.4	27.8	16.5	4.77	1.61	0.59	0.15	0.00
70	0.00	0.14	0.50	1.16	2.43	8.74	18.8	3.95	27.1	2.80	28.1	16.1	23.1	13.8	4.04	1.43	0.55	0.14	0.00
75	0.00	0.14	0.47	1.03	2.04	7.04	15.0	3.15	21.6	2.23	22.4	12.9	18.6	11.1	3.32	1.26	0.51	0.14	0.00
80	0.00	0.14	0.43	0.91	1.67	5.42	11.5	2.42	16.6	1.72	17.3	9.98	14.3	8.49	2.62	1.10	0.47	0.14	0.00
85	0.00	0.13	0.39	0.78	1.31	3.90	8.28	1.76	12.1	1.26	12.6	7.28	10.4	6.08	1.95	0.93	0.43	0.13	0.00
90	0.00	0.12	0.34	0.65	0.97	2.51	5.34	1.17	8.14	0.85	8.53	4.89	6.78	3.89	1.36	0.76	0.37	0.13	0.00
95	0.00	0.04	0.20	0.17	0.02	0.06	0.09	0.02	0.26	0.02	0.30	0.09	0.11	0.08	0.03	0.02	0.15	0.01	0.00
100	0.00	0.06	0.13	0.17	0.12	0.03	0.02	0.01	0.87	0.02	0.67	0.01	0.02	0.02	0.12	0.17	0.13	0.06	0.00
105	0.00	0.02	0.04	0.05	0.03	0.02	0.01	0.08	0.63	0.07	0.68	0.35	0.01	0.02	0.03	0.05	0.04	0.02	0.00
110	0.00	0.01	0.01	0.02	0.01	0.05	0.34	0.07	0.46	0.04	0.46	0.28	0.36	0.03	0.01	0.02	0.01	0.00	0.00
115	0.00	0.00	0.00	0.00	0.11	0.26	0.34	0.06	0.39	0.04	0.37	0.19	0.37	0.28	0.12	0.01	0.00	0.00	0.00
120	0.00	0.01	0.00	0.05	0.12	0.14	0.28	0.04	0.26	0.02	0.26	0.17	0.29	0.28	0.24	0.15	0.05	0.01	0.00
125	0.00	0.03	0.00	0.14	0.18	0.20	0.12	0.04	0.21	0.02	0.22	0.15	0.25	0.24	0.22	0.17	0.00	0.02	0.00
130	0.00	0.04	0.09	0.07	0.17	0.19	0.17	0.03	0.18	0.02	0.18	0.12	0.19	0.20	0.18	0.15	0.10	0.03	0.00
135	0.00	0.03	0.08	0.00	0.14	0.15	0.15	0.02	0.12	0.01	0.12	0.09	0.16	0.16	0.15	0.00	0.08	0.03	0.00
140	0.00	0.03	0.06	0.09	0.00	0.13	0.07	0.02	0.10	0.01	0.10	0.07	0.12	0.13	0.01	0.07	0.07	0.03	0.00
145	0.00	0.02	0.05	0.07	0.04	0.00	0.08	0.01	0.07	0.01	0.07	0.05	0.09	0.01	0.00	0.02	0.05	0.02	0.00
150	0.00	0.01	0.03	0.05	0.06	0.00	0.00	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.06	0.01	0.00	0.00	0.00
155	0.00	0.01	0.02	0.01	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.01	0.04	0.05	0.04	0.03	0.02	0.00	0.00
160	0.00	0.00	0.00	0.00	0.01	0.00	0.02	0.00	0.02	0.00	0.02	0.02	0.03	0.03	0.03	0.02	0.00	0.00	0.00
165	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.01	0.01	0.01	0.01	0.01	0.01	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

K-LITE

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:K-LITE
Test Date:07 September 2020

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.417
Humidity:65.0%
Test Distance:1.852m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.49V I:0.0117A P:2.4832W PF:0.9234 Freq:49.99Hz Lamp Flux:276.36x1 lm		
NAME: SUDO - ASY VERTICAL REEDED FRAME	TYPE:PATH FINDERS	WEIGHT:
SPEC.:CW, NICHIA	DIM.: 76 x 87 x 255	SERIAL No.:1808
MFR.: K-LITE	SUR.:	Shielding Angle:

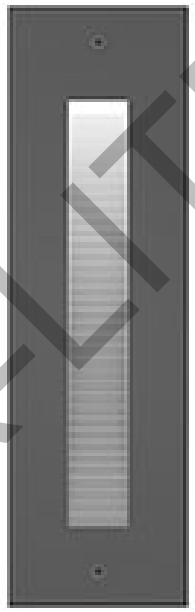
Table--2 UNIT: cd

γ (DEG) \ C(DEG)	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350		
0	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		
5	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		
10	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		
15	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		
20	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		
25	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		
30	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		
35	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		
40	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		
45	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		
50	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		
55	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		
60	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		
65	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		
70	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		
75	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		
80	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		
85	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		
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	0.01	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	0.01	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	0.01	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		

K-LITE

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:K-LITE
Test Date:07 September 2020

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.417
Humidity:65.0%
Test Distance:1.852m [K=1.0000]
Remarks:



Light Output Ratio:	21.9%	
Luminaire Power:	2.429 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:09 September 2020

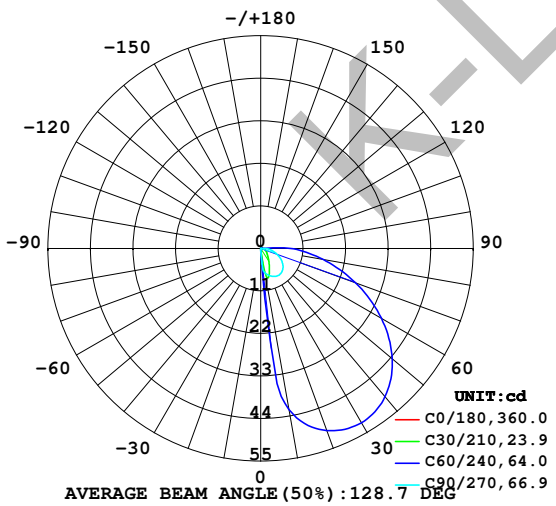
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.417
Humidity:65.0%
Test Distance:1.852m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

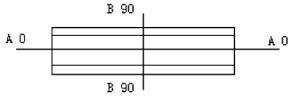
Test:U:230.49V I:0.0114A P:2.4289W PF:0.9239 Freq:49.99Hz Lamp Flux:276.36x1 lm		
NAME: SUDO - ASY VERTICAL REEDED FRAME	TYPE:PATH FINDERS	WEIGHT:
SPEC.:NW, NICHIA	DIM.: 76 x 87 x 255	SERIAL No.:1818
MFR.: K-LITE	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA		Eff: 24.87 lm/W	
MODEL	KL-2760	Imax(cd)	65.26	S/MH(C0/180)	0.00
NOMINAL POWER(W)	3	LOR(%)	21.9	S/MH(C90/270)	0.01
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	60.396	η UP,DN(C0-180)	0.4,21.4
NOMINAL FLUX(lm)	276.36	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,0.0
LAMPS INSIDE	1	η up(%)	0.4	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	230	η down(%)	21.4	CIBSE SHR MAX	1.00

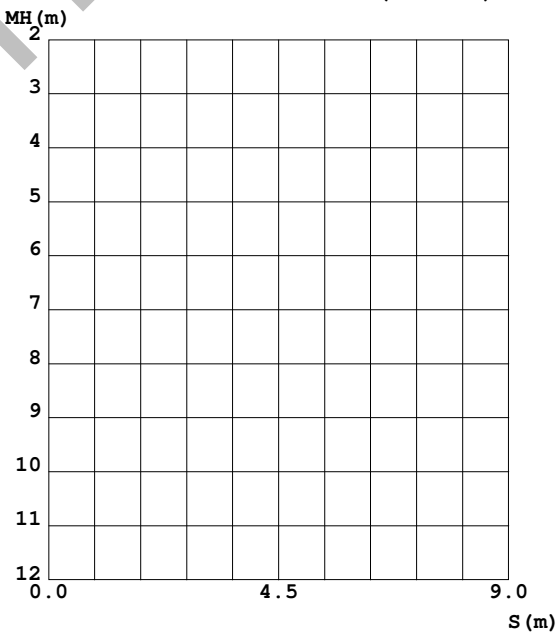
LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):128.7 DEG



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



K-LITE

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:K-LITE
Test Date:09 September 2020

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.417
Humidity:65.0%
Test Distance:1.852m [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	0	16.11	6.379	31.87	0	0	0	0	0- 10	0.7922	0.7922	1.31,0.29
20	0	18.01	7.618	26.74	0	0	0	0	10- 20	3.888	4.680	7.75,1.69
30	0	17.07	8.296	22.40	0	0	0	0	20- 30	6.652	11.33	18.8,4.1
40	0	15.55	8.297	19.09	0	0	0	0	30- 40	8.907	20.24	33.5,7.32
50	0	13.54	7.574	15.94	0	0	0	0	40- 50	10.17	30.41	50.4,11
60	0	11.04	6.247	12.79	0	0	0	0	50- 60	10.09	40.51	67.1,14.7
70	0	8.196	4.547	9.451	0	0	0	0	60- 70	8.681	49.19	81.4,17.8
80	0	5.263	2.837	5.998	0	0	0.0002	0	70- 80	6.336	55.52	91.9,20.1
90	0	2.540	1.395	2.841	0	0	0	0	80- 90	3.732	59.26	98.1,21.4
100	0	0.0946	0.0478	0.0595	0	0	0.0024	0	90-100	0.7130	59.97	99.3,21.7
110	0	0.0183	0.0654	0.1745	0	0	0.0013	0	100-110	0.1345	60.10	99.5,21.7
120	0	0.3017	0.0419	0.3452	0	0	0.0007	0	110-120	0.1235	60.23	99.7,21.8
130	0	0.2339	0.0274	0.2465	0	0	0.0007	0	120-130	0.0923	60.32	99.9,21.8
140	0	0.0845	0.0149	0.0906	0	0	0.0003	0.0000	130-140	0.0517	60.37	100,21.8
150	0	0.0011	0.0043	0.0035	0	0	0.0004	0	140-150	0.0199	60.39	100,21.9
160	0	0.0137	0.0031	0.0342	0	0	0.0002	0	150-160	0.0039	60.39	100,21.9
170	0	0.0043	0.0008	0.0057	0	0	0	0	160-170	0.0017	60.40	100,21.9
180	0	0	0	0	0	0	0	0	170-180	0.0001	60.40	100,21.9
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

K-LITE

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:K-LITE
Test Date:09 September 2020

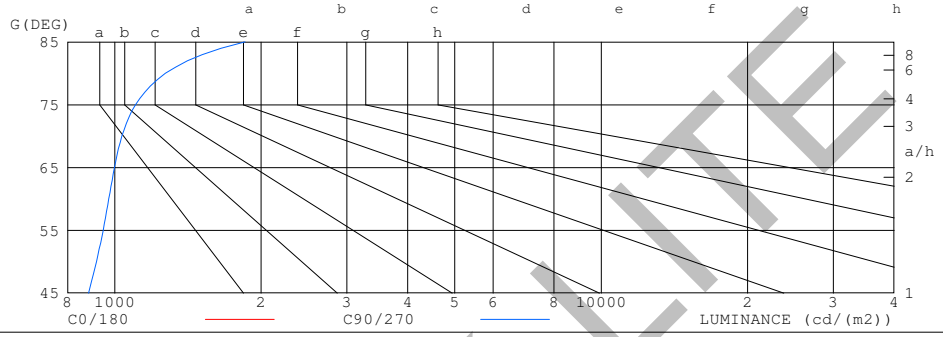
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.417
Humidity:65.0%
Test Distance:1.852m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:230.49V I:0.0114A P:2.4289W PF:0.9239 Freq:49.99Hz Lamp Flux:276.36x1 lm		
NAME: SUDO - ASY VERTICAL REEDED FRAME	TYPE:PATH FINDERS	WEIGHT:
SPEC.:NW, NICHIA	DIM.: 76 x 87 x 255	SERIAL No.:1818
MFR.: K-LITE	SUR.:	Shielding Angle:

LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
1.15	A	2000	1000	500	<=300				
1.50	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.20	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	0	1853
80	0	1272
75	0	1104
70	0	1035
65	0	999
60	0	973
55	0	947
50	0	917
45	0	883

K-LITE

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:K-LITE
Test Date:09 September 2020

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.417
Humidity:65.0%
Test Distance:1.852m [K=1.0000]
Remarks:

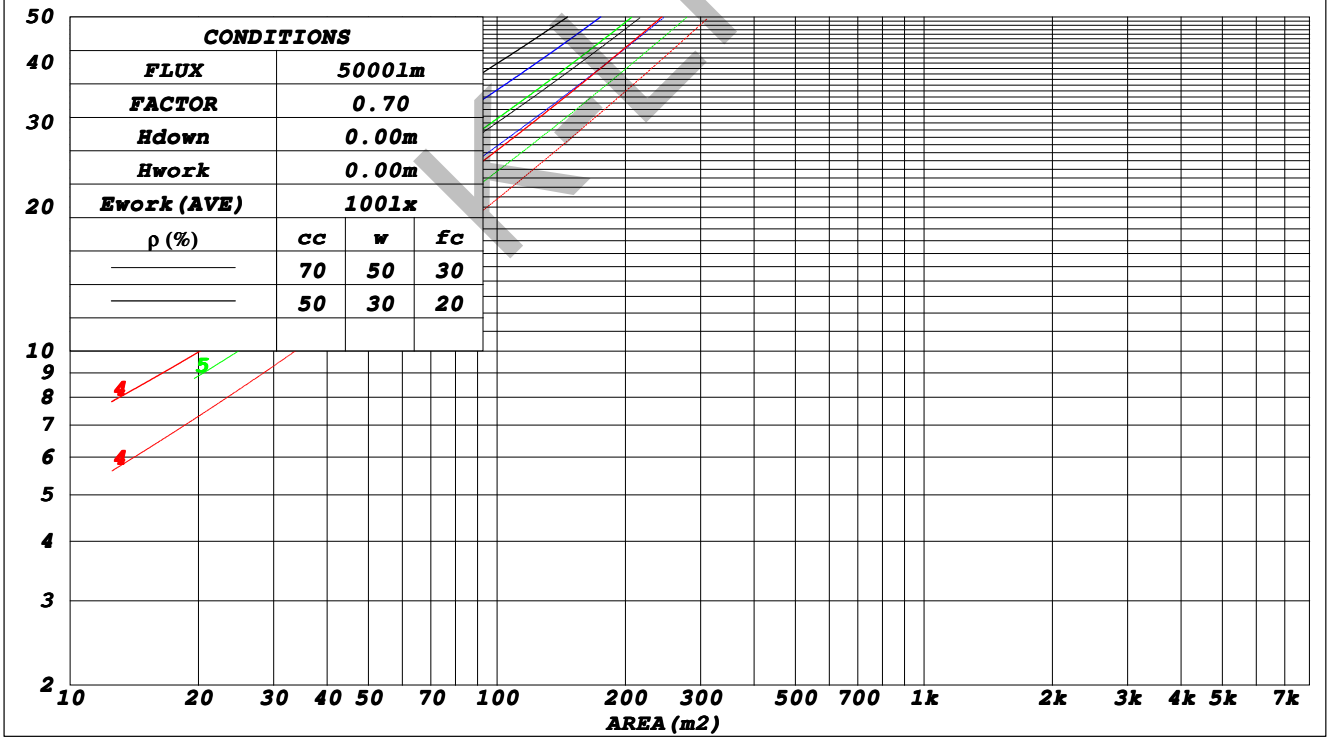
CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:230.49V I:0.0114A P:2.4289W PF:0.9239 Freq:49.99Hz Lamp Flux:276.36x1 lm		
NAME: SUDO - ASY VERTICAL REEDED FRAME	TYPE:PATH FINDERS	WEIGHT:
SPEC.:NW, NICHIA	DIM.: 76 x 87 x 255	SERIAL No.:1818
MFR.: K-LITE	SUR.:	Shielding Angle:

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			Coefficients of Utilization(CU)												
0.0	.26	.26	.26	.25	.25	.25	.24	.24	.24	.23	.23	.23	.22	.22	.22	.21
1.0	.22	.21	.20	.21	.20	.19	.20	.19	.18	.19	.19	.18	.18	.18	.17	.17
2.0	.19	.17	.15	.18	.16	.15	.17	.16	.15	.16	.15	.14	.16	.15	.14	.13
3.0	.16	.14	.12	.16	.14	.12	.15	.13	.12	.14	.13	.12	.14	.12	.11	.11
4.0	.14	.12	.10	.14	.12	.10	.13	.11	.10	.12	.11	.10	.12	.11	.10	.09
5.0	.12	.10	.09	.12	.10	.09	.12	.10	.08	.11	.09	.08	.11	.09	.08	.08
6.0	.11	.09	.07	.11	.09	.07	.10	.09	.07	.10	.08	.07	.09	.08	.07	.06
7.0	.10	.08	.06	.10	.08	.06	.09	.08	.06	.09	.07	.06	.09	.07	.06	.06
8.0	.09	.07	.06	.09	.07	.06	.08	.07	.05	.08	.07	.05	.08	.06	.05	.05
9.0	.08	.06	.05	.08	.06	.05	.08	.06	.05	.07	.06	.05	.07	.06	.05	.04
10.0	.07	.06	.04	.07	.06	.04	.07	.05	.04	.07	.05	.04	.07	.05	.04	.04

LAMPS

LUMINAIRE BUDGETARY DIAGRAM



K-LITE

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:K-LITE
Test Date:09 September 2020

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.417
Humidity:65.0%
Test Distance:1.852m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:230.49V I:0.0114A P:2.4289W PF:0.9239 Freq:49.99Hz Lamp Flux:276.36x1 lm		
NAME: SUDO - ASY VERTICAL REEDED FRAME	TYPE:PATH FINDERS	WEIGHT:
SPEC.:NW, NICHIA	DIM.: 76 x 87 x 255	SERIAL No.:1818
MFR.: K-LITE	SUR.:	Shielding Angle:

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 Coeffcients(WEC)												
0.0																
1.0	.084	.048	.015	.082	.047	.015	.079	.045	.014	.076	.044	.014	.073	.042	.014	
2.0	.074	.041	.013	.073	.040	.012	.070	.039	.012	.067	.038	.012	.065	.037	.012	
3.0	.067	.036	.011	.066	.035	.011	.063	.034	.010	.061	.033	.010	.058	.032	.010	
4.0	.061	.031	.009	.059	.031	.009	.057	.030	.009	.055	.030	.009	.053	.029	.009	
5.0	.055	.028	.008	.054	.028	.008	.052	.027	.008	.050	.026	.008	.048	.026	.008	
6.0	.051	.025	.007	.050	.025	.007	.048	.025	.007	.046	.024	.007	.045	.023	.007	
7.0	.047	.023	.007	.046	.023	.007	.044	.022	.006	.043	.022	.006	.041	.021	.006	
8.0	.043	.021	.006	.043	.021	.006	.041	.021	.006	.040	.020	.006	.038	.020	.006	
9.0	.040	.020	.005	.040	.019	.005	.038	.019	.005	.037	.019	.005	.036	.018	.005	
10.0	.038	.018	.005	.037	.018	.005	.036	.018	.005	.035	.017	.005	.034	.017	.005	

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	.045	.045	.045	.038	.038	.038	.026	.026	.026	.015	.015	.015	.005	.005	.005	
1.0	.044	.037	.031	.037	.032	.027	.026	.022	.019	.015	.013	.011	.005	.004	.003	
2.0	.042	.032	.023	.036	.028	.020	.025	.019	.014	.014	.011	.008	.005	.004	.003	
3.0	.041	.028	.018	.035	.024	.016	.024	.017	.011	.014	.010	.007	.004	.003	.002	
4.0	.039	.025	.015	.033	.022	.013	.023	.015	.009	.013	.009	.005	.004	.003	.002	
5.0	.037	.023	.013	.032	.020	.011	.022	.014	.008	.013	.008	.005	.004	.003	.002	
6.0	.036	.021	.011	.031	.019	.010	.021	.013	.007	.012	.008	.004	.004	.002	.001	
7.0	.034	.020	.010	.029	.017	.009	.020	.012	.006	.012	.007	.004	.004	.002	.001	
8.0	.033	.019	.009	.028	.016	.008	.019	.011	.006	.011	.007	.003	.004	.002	.001	
9.0	.031	.018	.008	.027	.015	.007	.019	.011	.005	.011	.006	.003	.004	.002	.001	
10.0	.030	.017	.008	.026	.015	.007	.018	.010	.005	.010	.006	.003	.003	.002	.001	

K-LITE

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:K-LITE
Test Date:09 September 2020

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.417
Humidity:65.0%
Test Distance:1.852m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:230.49V I:0.0114A P:2.4289W PF:0.9239 Freq:49.99Hz Lamp Flux:276.36x1 lm		
NAME: SUDO - ASY VERTICAL REEDED FRAME	TYPE:PATH FINDERS	WEIGHT:
SPEC.:NW, NICHIA	DIM.: 76 x 87 x 255	SERIAL No.:1818
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	4.1	5.7	4.4	6.0	6.3	21.8	23.4	22.1	23.6	23.9
	3H	3.9	5.4	4.2	5.7	6.0	24.1	25.6	24.4	25.9	26.2
	4H	3.8	5.3	4.2	5.6	5.9	25.2	26.6	25.5	26.9	27.2
	6H	3.7	5.1	4.1	5.4	5.7	26.2	27.6	26.6	27.9	28.2
	8H	3.6	5.0	4.0	5.3	5.7	26.7	28.1	27.1	28.4	28.7
	12H	3.6	4.9	4.0	5.2	5.6	27.3	28.6	27.7	28.9	29.2
4H	2H	12.0	13.4	12.3	13.7	14.0	21.6	23.1	22.0	23.4	23.7
	3H	11.8	13.1	12.2	13.5	13.8	24.4	25.6	24.7	26.0	26.3
	4H	11.7	12.9	12.1	13.3	13.7	25.7	26.9	26.1	27.3	27.7
	6H	11.6	12.7	12.1	13.1	13.5	27.1	28.1	27.5	28.5	29.0
	8H	11.6	12.6	12.0	13.0	13.4	27.7	28.7	28.2	29.2	29.6
	12H	11.5	12.5	12.0	12.9	13.4	28.5	29.4	28.9	29.8	30.3
8H	4H	15.5	16.5	15.9	16.9	17.3	25.7	26.7	26.1	27.1	27.5
	6H	15.4	16.3	15.9	16.7	17.2	27.3	28.2	27.8	28.6	29.1
	8H	15.4	16.2	15.9	16.6	17.1	28.2	29.0	28.7	29.4	29.9
	12H	15.4	16.1	15.9	16.5	17.1	29.2	29.9	29.7	30.3	30.9
12H	4H	16.8	17.7	17.2	18.1	18.6	25.6	26.6	26.1	27.0	27.5
	6H	17.0	17.7	17.5	18.2	18.7	27.3	28.1	27.8	28.5	29.0
	8H	17.0	17.6	17.5	18.1	18.6	28.2	28.9	28.8	29.4	29.9

Variations with the observer position at spacings:		
S = 1.0H	+ 0.5 / - 0.4	+ 0.1 / - 0.1
1.5H	+ 0.6 / - 0.4	+ 0.2 / - 0.2
2.0H	+ 0.6 / - 0.8	+ 0.3 / - 0.5

CIE Pub.117, 276.4 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -4.5)
Area: 0.1 m2

K-LITE

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:K-LITE
Test Date:09 September 2020

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.417
Humidity:65.0%
Test Distance:1.852m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:230.49V I:0.0114A P:2.4289W PF:0.9239 Freq:49.99Hz Lamp Flux:276.36x1 lm		
NAME: SUDO - ASY VERTICAL REEDED FRAME	TYPE:PATH FINDERS	WEIGHT:
SPEC.:NW, NICHIA	DIM.: 76 x 87 x 255	SERIAL No.:1818
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) x RCR = 5*									
k = 0.60	*11*	*8*	*7*	*11*	*8*	*7*	*11*	*8*	*7*	*5*
0.80	*13*	*10*	*9*	*13*	*10*	*9*	*13*	*10*	*9*	*7*
1.00	*15*	*12*	*11*	*15*	*12*	*11*	*14*	*13*	*10*	*9*
1.25	*17*	*14*	*12*	*16*	*14*	*12*	*16*	*14*	*12*	*10*
1.50	*18*	*15*	*14*	*17*	*15*	*13*	*17*	*15*	*13*	*11*
2.00	*20*	*17*	*16*	*19*	*17*	*15*	*18*	*16*	*15*	*13*
2.50	*21*	*18*	*17*	*20*	*18*	*17*	*19*	*17*	*16*	*14*
3.00	*21*	*19*	*18*	*21*	*19*	*18*	*20*	*18*	*17*	*15*
4.00	*22*	*21*	*19*	*22*	*20*	*19*	*21*	*20*	*19*	*16*
5.00	*23*	*22*	*20*	*22*	*21*	*20*	*21*	*20*	*19*	*17*
ROOM INDEX	*UF(total)*									*Direct*
According to DIN EN 13032-2 2004				*Suspended*					*SHRNOM = 1.25*	

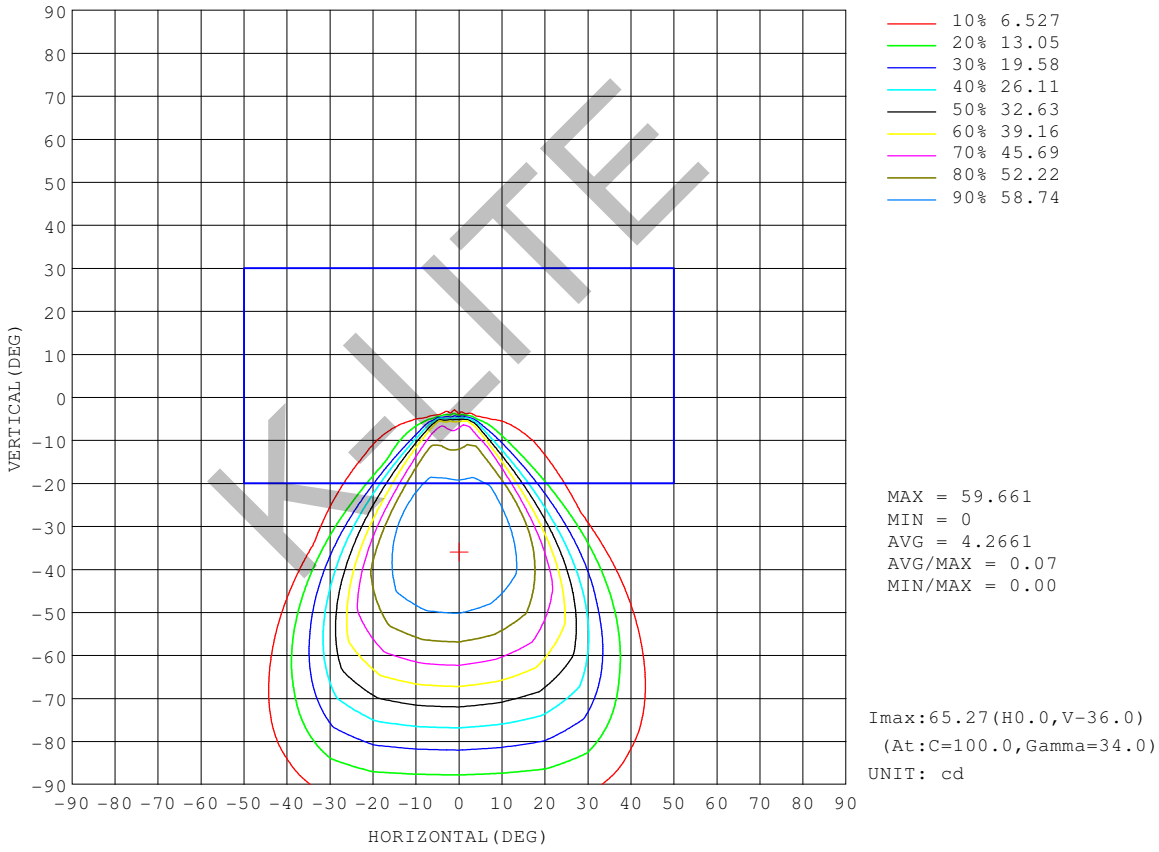
K-LITE

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:K-LITE
Test Date:09 September 2020

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.417
Humidity:65.0%
Test Distance:1.852m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:230.49V I:0.0114A P:2.4289W PF:0.9239 Freq:49.99Hz Lamp Flux:276.36x1 lm		
NAME: SUDO – ASY VERTICAL REEDED FRAME	TYPE:PATH FINDERS	WEIGHT:
SPEC.:NW, NICHIA	DIM.: 76 x 87 x 255	SERIAL No.:1818
MFR.: K-LITE	SUR.:	Shielding Angle:



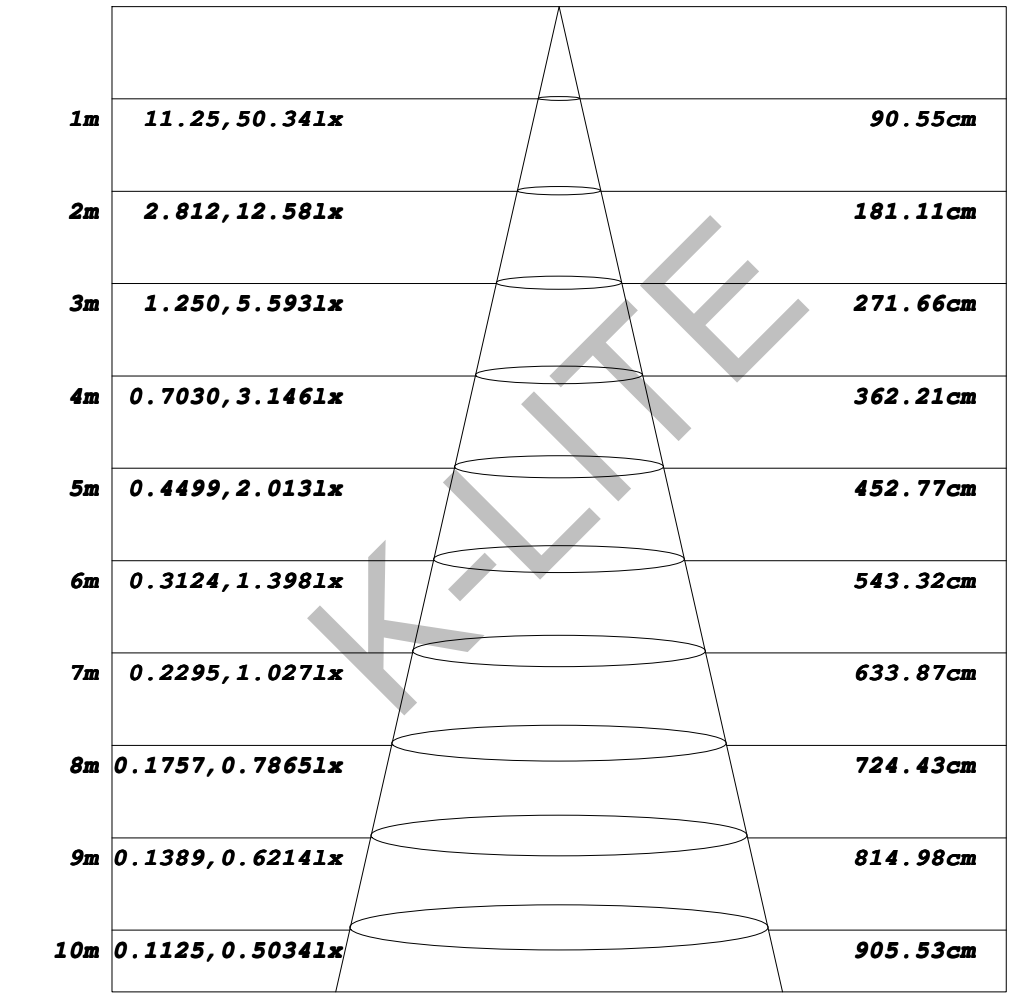
C Range: 0 – 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:K-LITE
Test Date:09 September 2020

γ Range: 0 – 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.417
Humidity:65.0%
Test Distance:1.852m [K=1.0000]
Remarks:

AAI Figure

Test:U:230.49V I:0.0114A P:2.4289W PF:0.9239 Freq:49.99Hz Lamp Flux:276.36x1 lm		
NAME: SUDO - ASY VERTICAL REEDED FRAME	TYPE:PATH FINDERS	WEIGHT:
SPEC.:NW, NICHIA	DIM.: 76 x 87 x 255	SERIAL No.:1818
MFR.: K-LITE	SUR.:	Shielding Angle:

Flux out:7.683 lm



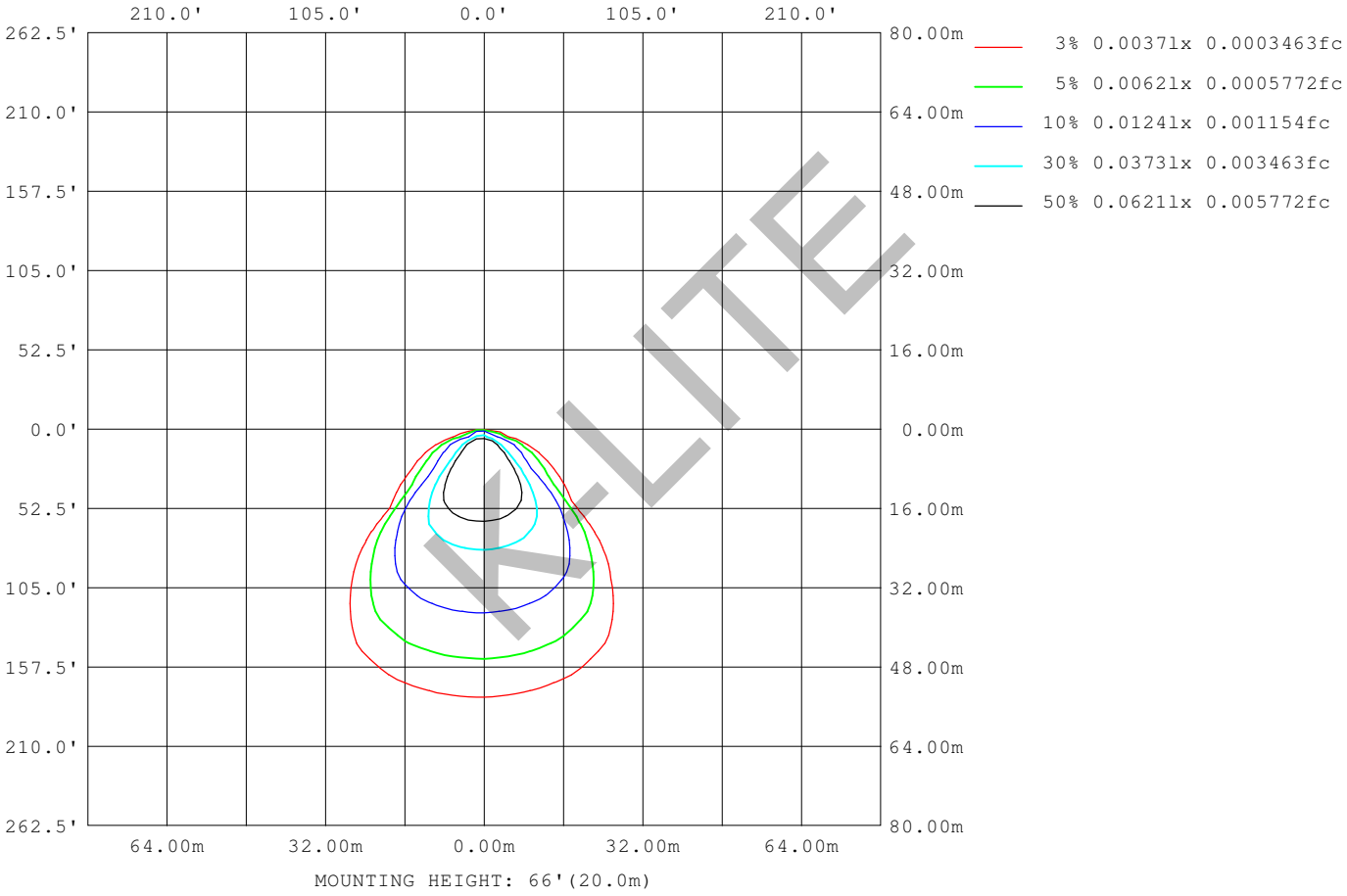
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:K-LITE
Test Date:09 September 2020

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.417
Humidity:65.0%
Test Distance:1.852m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

Test:U:230.49V I:0.0114A P:2.4289W PF:0.9239 Freq:49.99Hz Lamp Flux:276.36x1 lm		
NAME: SUDO - ASY VERTICAL REEDED FRAME	TYPE:PATH FINDERS	WEIGHT:
SPEC.:NW, NICHIA	DIM.: 76 x 87 x 255	SERIAL No.:1818
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:09 September 2020

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.417
Humidity:65.0%
Test Distance:1.852m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:230.49V I:0.0114A P:2.4289W PF:0.9239 Freq:49.99Hz Lamp Flux:276.36x1 lm		
NAME: SUDO - ASY VERTICAL REEDED FRAME	TYPE:PATH FINDERS	WEIGHT:
SPEC.:NW, NICHIA	DIM.: 76 x 87 x 255	SERIAL No.:1818
MFR.: K-LITE	SUR.:	Shielding Angle:

AvgL	cd/m2
L_0~180(65)av	0
L_0~180(75)av	0
L_0~180(85)av	0
L_90~270(65)av	64
L_90~270(75)av	71
L_90~270(85)av	119
L_45(65)av	113
L_45(75)av	129
L_45(85)av	217

Standard: GB/T 29293-2012

K-LITE

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:K-LITE
Test Date:09 September 2020

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.417
Humidity:65.0%
Test Distance:1.852m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.49V I:0.0114A P:2.4289W PF:0.9239 Freq:49.99Hz Lamp Flux:276.36x1 lm		
NAME: SUDO - ASY VERTICAL REEDED FRAME	TYPE:PATH FINDERS	WEIGHT:
SPEC.:NW, NICHIA	DIM.: 76 x 87 x 255	SERIAL No.:1818
MFR.: K-LITE	SUR.:	Shielding Angle:

Table--1 UNIT: cd

γ (DEG) \ C(DEG)	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
0	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
5	0.00	0.00	0.03	0.14	0.85	5.42	13.0	2.68	29.8	3.86	28.5	8.06	16.1	11.4	1.15	0.12	0.02	0.00	0.00
10	0.00	0.04	0.65	5.92	11.0	21.2	42.3	6.42	50.9	6.38	48.9	20.4	49.5	43.4	20.3	6.96	0.64	0.03	0.00
15	0.00	0.12	2.13	7.80	10.9	24.7	47.4	7.03	55.8	7.08	55.1	22.7	53.6	41.9	16.9	10.1	3.64	0.11	0.00
20	0.00	0.20	2.09	6.67	9.87	26.1	50.1	7.43	59.5	7.62	59.4	24.2	55.6	39.4	14.1	8.52	3.63	0.21	0.00
25	0.00	0.21	1.71	5.43	8.79	26.6	51.6	7.70	62.2	8.03	62.6	25.3	56.6	37.0	11.8	6.74	2.85	0.25	0.00
30	0.00	0.19	1.38	4.42	7.82	26.3	52.1	7.85	63.8	8.30	64.6	25.9	56.9	34.8	10.0	5.31	2.15	0.23	0.00
35	0.00	0.17	1.14	3.63	7.01	25.7	51.5	7.85	64.3	8.38	65.2	26.0	56.2	32.8	8.70	4.27	1.66	0.21	0.00
40	0.00	0.16	0.96	3.03	6.31	24.8	50.0	7.69	63.3	8.30	64.5	25.6	54.6	30.5	7.64	3.49	1.33	0.19	0.00
45	0.00	0.16	0.84	2.58	5.71	23.6	47.6	7.38	61.0	8.02	62.3	24.7	52.0	28.3	6.75	2.91	1.11	0.18	0.00
50	0.00	0.16	0.76	2.23	5.17	21.9	44.4	6.93	57.5	7.57	58.8	23.3	48.5	25.9	6.01	2.48	0.96	0.18	0.00
55	0.00	0.16	0.70	1.96	4.65	20.0	40.5	6.35	52.8	6.98	54.1	21.4	44.3	23.4	5.36	2.15	0.86	0.18	0.00
60	0.00	0.16	0.65	1.73	4.15	17.9	36.0	5.68	47.2	6.25	48.5	19.1	39.5	20.8	4.76	1.90	0.79	0.18	0.00
65	0.00	0.16	0.61	1.54	3.65	15.6	31.2	4.92	40.9	5.42	42.0	16.7	34.3	18.1	4.20	1.69	0.73	0.18	0.00
70	0.00	0.16	0.57	1.36	3.14	13.2	26.2	4.14	34.3	4.55	35.2	14.0	28.8	15.3	3.61	1.51	0.68	0.18	0.00
75	0.00	0.16	0.53	1.21	2.64	10.8	21.2	3.34	27.7	3.67	28.4	11.3	23.2	12.4	3.01	1.34	0.63	0.18	0.00
80	0.00	0.16	0.50	1.06	2.13	8.39	16.4	2.59	21.4	2.84	21.9	8.74	17.9	9.57	2.42	1.19	0.59	0.18	0.00
85	0.00	0.15	0.46	0.92	1.65	6.06	11.9	1.90	15.7	2.08	16.0	6.36	12.9	6.83	1.86	1.04	0.54	0.17	0.00
90	0.00	0.14	0.41	0.77	1.21	3.87	7.79	1.27	10.5	1.40	10.7	4.22	8.38	4.33	1.35	0.89	0.48	0.16	0.00
95	0.00	0.08	0.29	0.29	0.02	0.06	0.10	0.02	0.25	0.03	0.30	0.08	0.16	0.10	0.04	0.04	0.19	0.02	0.00
100	0.00	0.07	0.14	0.19	0.14	0.05	0.01	0.00	1.23	0.05	1.07	0.52	0.02	0.01	0.10	0.16	0.13	0.06	0.00
105	0.00	0.02	0.05	0.06	0.04	0.02	0.01	0.08	0.72	0.09	0.71	0.29	0.08	0.02	0.03	0.04	0.04	0.02	0.00
110	0.00	0.01	0.02	0.02	0.02	0.02	0.39	0.07	0.55	0.07	0.53	0.24	0.48	0.33	0.02	0.02	0.01	0.00	0.00
115	0.00	0.00	0.01	0.01	0.13	0.32	0.43	0.06	0.48	0.06	0.47	0.17	0.47	0.40	0.31	0.13	0.03	0.00	0.00
120	0.00	0.01	0.00	0.16	0.27	0.33	0.35	0.05	0.34	0.04	0.34	0.15	0.36	0.36	0.33	0.26	0.15	0.05	0.00
125	0.00	0.00	0.00	0.08	0.26	0.29	0.31	0.04	0.29	0.03	0.28	0.13	0.32	0.31	0.29	0.24	0.00	0.07	0.00
130	0.00	0.05	0.10	0.09	0.22	0.25	0.24	0.03	0.24	0.03	0.23	0.11	0.24	0.26	0.24	0.20	0.09	0.00	0.00
135	0.00	0.04	0.10	0.00	0.19	0.20	0.21	0.02	0.16	0.02	0.15	0.08	0.20	0.20	0.20	0.00	0.12	0.05	0.00
140	0.00	0.04	0.08	0.12	0.01	0.16	0.16	0.02	0.14	0.01	0.13	0.06	0.15	0.16	0.02	0.10	0.09	0.04	0.00
145	0.00	0.00	0.06	0.10	0.06	0.01	0.12	0.01	0.09	0.01	0.08	0.04	0.12	0.01	0.00	0.10	0.07	0.03	0.00
150	0.00	0.02	0.05	0.04	0.00	0.00	0.00	0.00	0.02	0.00	0.02	0.00	0.00	0.01	0.00	0.01	0.03	0.02	0.00
155	0.00	0.00	0.00	0.00	0.01	0.00	0.06	0.00	0.00	0.00	0.00	0.01	0.05	0.06	0.05	0.03	0.00	0.00	0.00
160	0.00	0.00	0.01	0.02	0.00	0.03	0.04	0.00	0.03	0.00	0.02	0.01	0.03	0.03	0.03	0.02	0.01	0.00	0.00
165	0.00	0.00	0.00	0.00	0.00	0.02	0.02	0.00	0.02	0.00	0.01	0.01	0.02	0.02	0.02	0.01	0.00	0.00	0.00
170	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.01	0.00	0.01	0.00	0.01	0.01	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

K-LITE

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:K-LITE
Test Date:09 September 2020

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.417
Humidity:65.0%
Test Distance:1.852m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.49V I:0.0114A P:2.4289W PF:0.9239 Freq:49.99Hz Lamp Flux:276.36x1 lm		
NAME: SUDO - ASY VERTICAL REEDED FRAME	TYPE:PATH FINDERS	WEIGHT:
SPEC.:NW, NICHIA	DIM.: 76 x 87 x 255	SERIAL No.:1818
MFR.: K-LITE	SUR.:	Shielding Angle:

Table--2 UNIT: cd

γ (DEG) \ C(DEG)	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350		
0	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		
5	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		
10	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		
15	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		
20	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		
25	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		
30	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		
35	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		
40	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		
45	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		
50	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		
55	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		
60	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		
65	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		
70	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		
75	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		
80	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		
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	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	0.01	0.00	0.01	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	0.01	0.00	0.01	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	0.01	0.00	0.01	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	0.01	0.00	0.01	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	0.01	0.00	0.01	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		

K-LITE

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:K-LITE
Test Date:09 September 2020

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.417
Humidity:65.0%
Test Distance:1.852m [K=1.0000]
Remarks: