

U LIGHTING GROUP CO., LTD.

BILL OF MATERIAL

Type: SUS-55W							
Item	Name	Part Type	Location	Dosage	Unit	Technical data	U.I. File Number
1	Creosote Resistance	330K Ω 1/4W	R1 R2	2	PCS		
2	Creosote Resistance	5.1 Ω 1/4W	R3 R4	2	PCS		
3	Creosote Resistance	22 Ω 1/4W	R5	1	PCS		
4	Creosote Resistance	1 Ω 1/4W	R6 R7	2	PCS		
5	Metallized Polyester Film Capacitors	CL21 104/400V	C1 C8	2	PCS		
6	Electrolyte Capacitor	100UF/200V	C3 C4	2	PCS	$T_c \geq 105^\circ\text{C}$	
7	Ceramic Capacitance	CT1 223K/100V	C5	1	PCS		
8	Polyester-polypropylene Film Capacitors	CL11 102/1000V	C6	1	PCS		
9	Polypropylene Capacitance	CBB81 682/1000V	C9	1	PCS		
10	Polypropylene Capacitance	CBB81 472/1250V	C10	1	PCS		
11	Ceramic Capacitance	CT1 104J/100V	C11 C12	2	PCS		
12	Transient Voltage Surge Suppressors-Component	CNR 241K/10D	U1	1	PCS		E150709,E139158
13	Rectifier Diode	1N4007	D3 D6 D5	3	PCS		
14	Rectifier Diode	1N5408	D1 D2 D8 D9	4	PCS		
15	Recover Diode	FR107	D4 D7	2	PCS		
16	Spring Diode	DB3	DB3	1	PCS		
17	Audion	13007--220	Q1 Q2	2	PCS		
18	Inductorium	14*15	L1	1	PCS	$T=90, \Phi 0.45\text{mmQA}$	E201757,E164409
19	Inductorium	EC28	L2	1	PCS	$T=205, \Phi 0.15*10\text{mmQA}$	E201757,E164409
20	Bobbin	EC28	L2	1	PCS		E59481(s)
21	Toroid-type cores	$\Phi 10*6*5$ 4:2:4	B2	1	PCS		
22	Fuse	2A/250V non-time delay	F1	1	PCS		F1 E158479
23	Jump Line	$\Phi 0.40\text{mm}, L=15\text{mm}$	J1 FT1	2	PCS		
24	PCB	FL-9 $\Phi 80\text{mm}$		1	PCS	94V-0	E78613, E146890
25	Plastic Crust	$\Phi 88\text{mm}$					E121562
26	Insulating Tape		L2				E165111
27	Tube	spire $\Phi 17$ 55W					
28	Base	E39					
29	Varnish		L2				E200154
30	Flame Retardant Sleeving	$\Phi 15$	L1				E203950
31	Fiberglass Sleeving	$\Phi 0.1$					E173547
32	Silicagel						
33	Wire Red	1332 22AWG L=150m	AC1	1	PCS		E204798,E214859
34	Wire Black	1332 22AWG L=140m	AC2	1	PCS		E204798,E214859

U LIGHTING GROUP CO., LTD.

BILL OF MATERIAL

Type: SUS-105W							
Item	Name	Part Type	Location	Dosage	Unit	Technical data	UL File Number
1	Creosote Resistance	330K Ω 1/4W	R1 R2	2	PCS		
2	Creosote Resistance	5.1 Ω 1/4W	R3 R4	2	PCS		
3	Creosote Resistance	22 Ω 1/4W	R5	1	PCS		
4	Creosote Resistance	1 Ω 1/4W	R6 R7	2	PCS		
5	Metallized Polyester Film Capacitors	CL21 104/400V	C1 C8	2	PCS		
6	Electrolyte Capacitor	100UF/200V	C3 C4	2	PCS	$T_c \geq 105^\circ\text{C}$	
7	Ceramic Capacitance	CT1 223K/100V	C5	1	PCS		
8	Polyester-polypropylene Film Capacitors	CL11 102/1000V	C6	1	PCS		
9	Polypropylene Capacitance	CBB81 682/1000V	C9	1	PCS		
10	Polypropylene Capacitance	CBB81 472/1250V	C10	1	PCS		
11	Ceramic Capacitance	CT1 104J/100V	C11 C12	2	PCS		
12	Transient Voltage Surge Suppressors-Component	CNR 241K/10D	U1	1	PCS		E150709,E139158
13	Rectifier Diode	1N4007	D3 D6 D5	3	PCS		
14	Rectifier Diode	1N5408	D1 D2 D8 D9	4	PCS		
15	Recover Diode	FR107	D4 D7	2	PCS		
16	Spring Diode	DB3	DB3	1	PCS		
17	Audion	13007 220	Q1 Q2	2	PCS		
18	Inductorium	14*15	L1	1	PCS	T=90, $\Phi 0.45\text{mmQA}$	E201757,E164409
19	Inductorium	EC28	L2	1	PCS	T=205, $\Phi 0.15*10\text{mmQA}$	E201757,E164409
20	Bobbin	EC28	L2	1	PCS		E59481(s)
21	Toroid-type cores	$\Phi 10*6*5$ 4:2:4	B2	1	PCS		
22	Fuse	2A/250V non-time delay	F1	1	PCS		E167... E567
23	Jump Line	$\Phi 0.40\text{mm}$,L=15mm	J1 FT1	2	PCS		
24	PCB	FL-9 $\Phi 80\text{mm}$		1	PCS	94V-0	E78613, E146890
25	Plastic Crust	$\Phi 88\text{mm}$					F121562
26	Insulating Tape		L2				E165111
27	Tube	spire $\Phi 19$ 105W					
28	Base	E39					
29	Varnish		L2				E200154
30	Flame Retardant Sleeving	$\Phi 15$	L1				E203950
31	Fiberglass Sleeving,	$\Phi 0.1$					E173547
32	Silicagel						
33	Wire Red	1332 22AWG L=150m	AC1	1	PCS		E204798,E214859
34	Wire Black	1332 22AWG L=140m	AC2	1	PCS		E204798,E214859

U LIGHTING GROUP CO., LTD.

BILL OF MATERIAL

SUN-20W

Item	Name	Part Type	Location	Dosage	Unit	Technical data	UL File Number
1	Creosote Resistance	330K 1/4W	R1 R2	2	PCS		
2	Creosote Resistance	10Ω 1/4W	R3 R4	2	PCS		
3	Creosote Resistance	10KΩ 1/4W	R7	1	PCS		
4	Creosote Resistance	510KΩ 1/4W	R8	1	PCS		
5	Creosote Resistance	75KΩ 1/4W	R9	2	PCS		
6	Creosote Resistance	22Ω 1/4W	R10	1	PCS		
7	Creosote Resistance	27KΩ 2W	R11	1	PCS		
8	PTC	1.0-1.5KΩ	PTC	1	PCS		
9	Jump Line	Φ0.4mm, L=15mm	J1,J2,R5,R6	4	PCS		
10	Metallized Polyester Film Capacitors	CL21 104/400V	C1 C8	2	PCS		
11	Electrolyte Capacitor	15uF/200V	C2	1	PCS	Tc ≥ 105 °C	
12	Polyester polypropylene Film Capacitors	CL11 102/1000V	C3	1	PCS		
13	Ceramic Capacitance	CT1 223/100V	C4	1	PCS		
14	Ceramic Capacitance	CT1 104/100V	C5	1	PCS		
15	Electrolyte Capacitor	22uF/50V	C6 C7	2	PCS	Tc ≥ 105 °C	
16	Ceramic Capacitance	CT81 332/1000V	C9	1	PCS		
17	Ceramic Capacitance	CT81 562/1000V	C10	1	PCS		
18	Rectifier Diode	1N4007	D1-D5 D9	5	PCS		
19	Recover Diode	FR107	D6 D7	2	PCS		
20	Spring Diode	DB3	D8	1	PCS		
21	Audion	BJT100 TO-126	T1 T2	1	PCS		
22	Audion	9013 TO-92	T3	1	PCS		
23	SCR	MCR100-6	T4	1	PCS		
24	Diode	5.1V 1/2W	ZD1	1	PCS		
25	Photosensitive Audion	P1334-6C	LD	1	PCS		
26	IC	IC NE555P	IC	1	PCS		
27	Toroid type cores	Φ8×5×3 4:6.4	T	1	PCS		
28	Inductorium	1 8×10	L1	1	PCS	T=140, Φ0 21mmQA	E201757,E164409
29	Inductorium	EE19	L2	1	PCS	T=171, Φ0 35mmQA	E201757,E164409
30	Bobbin	EE19	L2	1	PCS		E59481(s)
31	Fuse	1A 250V non-time delay	FU	1	PCS		E156471
32	PCB	F1-13 Φ47mm		1	PCS	91V 0	E78613, E146890
33	Plastic Crust	Φ 01mm					E121562
34	Insulating Tape	8mm, 5mm	L2				E165111
35	Tube	3U π Φ12mm 20W					
36	Base	E26					
37	Insulating Paint		L2				E200154
38	Flame Retardant Sleeving	Φ10	L1				E203950
39	Flame Retardant Sleeving	Φ6	LD				E203950
40	Flame Retardant Sleeving	Φ4	FU				E203950
41	Fiberglass Sleeving	Φ0.1					E173547
42	Silicagel						
43	Wire Red	1332 22AWG L-100m	AC1	1	PCS		E204798,E214859
44	Wire Black	1332 22AWG L-90m	AC2	1	PCS		E204798,E214859

U LIGHTING GROUP CO., LTD.

BILL OF MATERIAL

SUN-24W

QTY	Name	Part Type	Location	Dosage	Unit	Technical data	UL File Number
1	Creosote Resistance	330K 1/4W	R1 R2	2	PCS		
2	Creosote Resistance	15Ω 1/4W	R3 R4	2	PCS		
3	Creosote Resistance	1Ω 1/4W	R5 R6	2	PCS		
4	Creosote Resistance	82KΩ 1/4W	R7	1	PCS		
5	Creosote Resistance	510KΩ 1/4W	R8	1	PCS		
6	Creosote Resistance	100KΩ 1/4W	R9	2	PCS		
7	Creosote Resistance	22Ω 1/4W	R10	1	PCS		
8	Creosote Resistance	27KΩ 2W	R11	1	PCS		
9	PTC	1.0 1.5KΩ	PTC	1	PCS		
10	Jump Line	Φ0.6mm, L=15mm	J1,J2	2	PCS		
11	Metallized Polyester Film Capacitors	CL21 104/400V	C1 C8	2	PCS		
12	Electrolyte Capacitor	22uF/200V	C2	1	PCS	Tc ≥ 105 °C	
13	Polyester-polypropylene Film Capacitors	CL11 102/1000V	C3	1	PCS		
14	Ceramic Capacitance	C11 223/100V	C4	1	PCS		
15	Ceramic Capacitance	CT1 104/100V	C5	1	PCS		
16	Electrolyte Capacitance	22uF/50V	C6 C7	2	PCS	Tc ≥ 105 °C	
17	Ceramic Capacitance	CT81 332/1000V	C10	1	PCS		
18	Ceramic Capacitance	CT181 682/1000V	C9	1	PCS		
19	Rectifier Diode	1N4007	D1-D5 D9	5	PCS		
20	Recover Diode	GR107	D6 D7	2	PCS		
21	Signal Diode	DB3	D8	1	PCS		
22	Audion	13005L TO-220	T1 T2	1	PCS		
23	Audion	9013 TO-92	T3	1	PCS		
24	SCR	MCR100-6	T4	1	PCS		
25	Diode	5.1V 1/2W	ZD1	1	PCS		
26	Photosensitive Audion	P1334-6C	ID	1	PCS		
27	IC	IC NF555P	IC	1	PCS		
28	Toroid type Cores	Φ10×6×4 4:3:4	I	1	PCS		
29	Inductorium	1 8×10	L1	1	PCS	f=140, Φ0.21mmQA	E201757,E164409
30	Inductorium	EE19	L2	1	PCS	f=171, Φ0.35mmQA	E201757,E164409
31	Bobbin	EE19	L2	1	PCS		E59481(s)
32	Fuse	1A 250V non-time delay	FU	1	PCS		E156471
33	PCB	E1-13 Φ47mm		1	PCS	94V 0	E78613, E146890
34	Plastic Crust	Φ51mm					E121562
35	Insulating Tape	8mm, 5mm	I.2				E165111
36	Tube	3L π Φ12mm 24W					
37	Base	F26					
38	Insulating Paint		L2				E200154
39	Flame Retardant Sleeving	Φ10	I.1				E203950
40	Flame Retardant Sleeving	Φ6	I.D				E203950
41	Flame Retardant Sleeving	Φ4	FU				E203950
42	Fiberglass Sleeving	Φ0.1					E173547
43	Silicagel						
4	Wire Red	1332 22AWG L=100m	AC1	1	PCS		E204798,E214859
5	Wire Black	1332 22AWG L=90m	AC2	1	PCS		E204798,E214859

U LIGHTING GROUP CO., LTD.

B.I.L OF MATERIAL

SUN-15W							
Item	Name	Part Type	Location	Dosage	Unit	Technical data	UL File Number
1	Creosote Resistance	330K 1/4W	R1 R2	2	PCS		
2	Creosote Resistance	10Ω 1/4W	R3 R4	2	PCS		
3	Creosote Resistance	10KΩ 1/4W	R7	1	PCS		
4	Creosote Resistance	510KΩ 1/4W	R8	1	PCS		
5	Creosote Resistance	75KΩ 1/4W	R9	2	PCS		
6	Creosote Resistance	22Ω 1/4W	R10	1	PCS		
7	Creosote Resistance	27KΩ 2W	R11	1	PCS		
8	PTC	1.0-1.5KΩ	PTC	1	PCS		
9	Jump Line	Φ0.4mm, L:15mm	J1,J2,R5,R6	4	PCS		
10	Metallized Polyester Film Capacitors	C1.21 104/400V	C1 C8	2	PCS		
11	Electrolyte Capacitor	10uF/200V	C2	1	PCS	Tc ≥ 105 °C	
12	Polyester-polypropylene Film Capacitors	CL11 102/1000V	C3	1	PCS	-	
13	Ceramic Capacitance	CT1 223/100V	C4	1	PCS		
14	Ceramic Capacitance	CT1 104/100V	C5	1	PCS		
15	Electrolyte Capacitor	22uF/50V	C6 C7	2	PCS	Tc ≥ 105 °C	
16	Ceramic Capacitance	CT81 332/1000V	C9	1	PCS		
17	Ceramic Capacitance	CT81 472/1000V	C10	1	PCS		
18	Rectifier Diode	1N4007	D1-D5 D9	5	PCS		
19	Recover Diode	FR107	D6 D7	2	PCS		
20	Spring Diode	DB3	D8	1	PCS		
21	Audion	BJT100	T1 T2	1	PCS		
22	Audion	9013 TO-92	T3	1	PCS		
23	SCR	MCR100-6	T4	1	PCS		
24	Diode	5.1V 1/2W	ZD1	1	PCS		
25	Photosensitive Audion	PT334-6C	LD	1	PCS		
26	IC	IC NE555P	IC	1	PCS		
27	Toroid-type cores	Φ8×5×3 4.6:4	T	1	PCS		
28	Inductorium	1 8×10	L1	1	PCS	T 140. Φ0.21mmQA	E201757,E164409
29	Inductorium	EE19	L2	1	PCS	T 171. Φ0.35mmQA	E201757,E164409
30	Bobbin	EE19	L2	1	PCS		E59481(s)
31	Fuse	1A 250V non-time delay	FU	1	PCS		E156471
32	PCB	FL-13 Φ47mm		1	PCS	94V 0	E78613, E146890
33	Plastic Crust	Φ51mm					F121562
34	Insulating Tape	8mm, 5mm	L2				E165111
35	Tube	3I π Φ12mm 15W					
36	Base	E26					
37	Insulating Paint		L2				E200154
38	Flame Retardant Sleeving	Φ10	L1				E203950
39	Flame Retardant Sleeving	Φ6	LD				E203950
40	Flame Retardant Sleeving	Φ1	FL				E203950
41	Fiberglass Sleeving	Φ0.1					E173547
42	Silicagel						
43	Wire Red	1332 22AWG L=100m	AC1	1	PCS		E204798,E214859
44	Wire Black	1332 22AWG L=90m	AC2	1	PCS		E204798,E214859

U LIGHTING GROUP CO., LTD.

BILL OF MATERIAL

Type: SUS-85W							
Item	Name	Part Type	Location	Dosage	Unit	Technical data	UL File Number
1	Creosote Resistance	330K Ω 1/4W	R1 R2	2	PCS		
2	Creosote Resistance	5.1 Ω 1/4W	R3 R4	2	PCS		
3	Creosote Resistance	22 Ω 1/4W	R5	1	PCS		
4	Creosote Resistance	1 Ω 1/4W	R6 R7	2	PCS		
5	Metallized Polyester Film Capacitors	CL21 104/400V	C1 C8	2	PCS		
6	Electrolyte Capacitor	100UF/200V	C3 C4	2	PCS	$T_c \geq 105^\circ\text{C}$	
7	Ceramic Capacitance	CT1 223K/100V	C5	1	PCS		
8	Polyester-polypropylene Film Capacitors	CL11 102/1000V	C6	1	PCS		
9	Polypropylene Capacitance	CBB81 682/1000V	C9	1	PCS		
10	Polypropylene Capacitance	CBB81 472/1250V	C10	1	PCS		
11	Ceramic Capacitance	CT1 104J/100V	C11 C12	2	PCS		
12	Transient Voltage Surge Suppressors-Component	CNR 241K/10D	U1	1	PCS		E150709,E139158
13	Rectifier Diode	1N4007	D3 D6 D5	3	PCS		
14	Rectifier Diode	1N5408	D1 D2 D8 D9	4	PCS		
15	Recover Diode	FR107	D4 D7	2	PCS		
16	Spring Diode	DB3	DB3	1	PCS		
17	Audion	13007-220	Q1 Q2	2	PCS		
18	Inductorium	14*15	L1	1	PCS	T-90, $\Phi 0.45\text{mmQA}$	E201757,E164409
19	Inductorium	EC28	L2	1	PCS	T=205, $\Phi 0.15*10\text{mmQA}$	E201757,E164409
20	Bobbin	EC28	L2	1	PCS		E59481(s)
21	Toroid-type cores	$\Phi 10*6*5$ 4:2:4	B2	1	PCS		
22	Fuse	2A/250V non-time delay	F1	1	PCS		E15471
23	Jump Line	$\Phi 0.40\text{mm}$,L-15mm	J1 FT1	2	PCS		
24	PCB	FL-9 $\Phi 80\text{mm}$		1	PCS	94V-0	E78613, E146890
25	Plastic Crust	$\Phi 88\text{mm}$					E121562
26	Insulating Tape		L2				E165111
27	Tube	spirc $\Phi 19$ 85W					
28	Base	E39					
29	Varnish		L2				E200154
30	Flame Retardant Sleeving	$\Phi 15$	L1				E203950
31	Fiberglass Sleeving,	$\Phi 0.1$					E173547
32	Silicage						
33	Wire Red	1332 22AWG L=150m	AC1	1	PCS		E204798,E214859
34	Wire Black	1332 22AWG L=140m	AC2	1	PCS		E204798,E214859

U LIGHTING GROUP CO., LTD.

BILL OF MATERIAL

Type: SUS-65W							
Item	Name	Part Type	Location	Dosage	Unit	Technical data	UI. File Number
1	Creosote Resistance	330K Ω 1/4W	R1 R2	2	PCS		
2	Creosote Resistance	5.1 Ω 1/4W	R3 R4	2	PCS		
3	Creosote Resistance	22 Ω 1/4W	R5	1	PCS		
4	Creosote Resistance	1 Ω 1/4W	R6 R7	2	PCS		
5	Metallized Polyester Film Capacitors	CL21 104/400V	C1 C8	2	PCS		
6	Electrolyte Capacitor	100UF/200V	C3 C4	2	PCS	$T_c \geq 105^\circ\text{C}$	
7	Ceramic Capacitance	CT1 223K/100V	C5	1	PCS		
8	Polyester-polypropylene Film Capacitors	CL11 102/1000V	C6	1	PCS		
9	Polypropylene Capacitance	CBB81 682/1000V	C9	1	PCS		
10	Polypropylene Capacitance	CBB81 472/1250V	C10	1	PCS		
11	Ceramic Capacitance	CT1 104J/100V	C11 C12	2	PCS		
12	Transient Voltage Surge Suppressors-Component	CNR 241K/10D	U1	1	PCS		E150709,E139158
13	Rectifier Diode	1N4007	D3 D6 D5	3	PCS		
14	Rectifier Diode	1N5408	D1 D2 D8 D9	4	PCS		
15	Recover Diode	FR107	D4 D7	2	PCS		
16	Spring Diode	DB3	DB3	1	PCS		
17	Audion	13007 220	Q1 Q2	2	PCS		
18	Inductorium	14*15	L1	1	PCS	T=90, $\Phi 0.45\text{mmQA}$	E201757,E164409
19	Inductorium	EC28	L2	1	PCS	T=205, $\Phi 0.15*10\text{mmQA}$	E201757,E164409
20	Bobbin	EC28	L2	1	PCS		E59481(s)
21	Toroid-type cores	$\Phi 10*6*5$ 4:2:4	B2	1	PCS		
22	Fuse	2A/250V non-time delay	F1	1	PCS		E12 E10671
23	Jump Line	$\Phi 0.40\text{mm}$, L=15mm	J1 FT1	2	PCS		
24	PCD	FL-9 $\Phi 80\text{mm}$		1	PCS	94V 0	E78613, E146890
25	Plastic Crust	$\Phi 88\text{mm}$					E121562
26	Insulating Tape		L2				E165111
27	Tube	spire $\Phi 19$ 65W					
28	Base	E39					
29	Varnish		L2				E200154
30	Flame Retardant Sleeving	$\Phi 15$	L1				E203950
31	Fiberglass Sleeving,	$\Phi 0.1$					E173547
32	Silicagel						
33	Wire Red	1332 22AWG L=150m	AC1	1	PCS		E204798,E214859
34	Wire Black	1332 22AWG L=140m	AC2	1	PCS		E204798,E214859