PRODUCT SPECIFICATION

Series	LED MOON LIGHT SERIES	Model	LL0112S/LL0112ST/LL0112M LL0112R

Project:

Type:

Notes:

Overview

Moon Light with a classic shape andproportions, widely use for general lighting applications. Available in multiple diameter sizes from11.8" up to 47.2";suspended(aircraft cable and stem for optional), surface mounted,recessed, and trimless recessed installation for optional.light distributions to fit the scale, proportions and lightoutput requirements of the project.
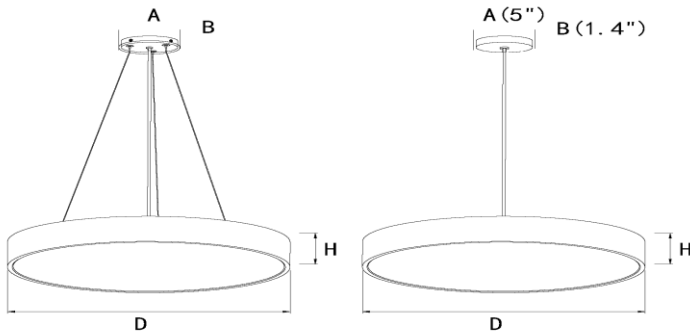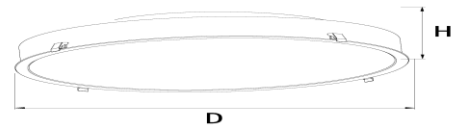

LL0112S/LL0112UDS
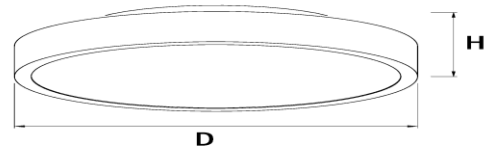
LL0112M/LL0112UDM

Model No	DIMENSION				DIMENSION CODE
	D	H	A	B	
LL0112S-15W	11.8" (300mm)	1.8" (45mm)	10.0" (250mm)	1.38" (35mm)	SS
LL0112S-20W	15.7" (400mm)	1.8" (45mm)	10.0" (250mm)	1.38" (35mm)	S
LL0112S-25W	18.9" (480mm)	3.1" (80mm)	10.0" (250mm)	1.38" (35mm)	M
LL0112S-40W	23.6" (600mm)	3.1" (80mm)	10.0" (250mm)	1.38" (35mm)	L
LL0112S-90W	35.4" (900mm)	3.1" (80mm)	10.0" (250mm)	1.38" (35mm)	XL
LL0112S-180W	47.2" (1200mm)	3.1" (80mm)	13.8" (350mm)	1.38" (35mm)	XXL

Model No	DIMENSION		DIMENSION CODE
	D	H	
LL0112M-15W	11.8" (300mm)	2.6" (65mm)	SS
LL0112M-20W	15.7" (400mm)	2.6" (65mm)	S
LL0112M-25W	18.9" (480mm)	3.7" (95mm)	M
LL0112M-40W	23.6" (600mm)	3.7" (95mm)	L
LL0112M-90W	35.4" (900mm)	3.7" (95mm)	XL
LL0112M-150W	47.2" (1200mm)	3.7" (95mm)	XXL

Model No	DIMENSION		DIMENSION CODE
	D	H	
LL0112UDM-50W	18.9" (480mm)	3.7" (95mm)	M
LL0112UDM-80W	23.6" (600mm)	3.7" (95mm)	L
LL0112UDM-120W	35.4" (900mm)	3.7" (95mm)	XL
LL0112UDM-150W	47.2" (1200mm)	3.7" (95mm)	XXL

LL0112R

Model No	DIMENSION				DIMENSION CODE
	D	H	A	B	
LL0112UDS-50W	18.9" (480mm)	3.1" (80mm)	10.0" (250mm)	1.38" (35mm)	M
LL0112UDS-80W	23.6" (600mm)	3.1" (80mm)	10.0" (250mm)	1.38" (35mm)	L
LL0112UDS-120W	35.4" (900mm)	3.1" (80mm)	13.8" (350mm)	1.38" (35mm)	XL
LL0112UDS-220W	47.2" (1200mm)	3.1" (80mm)	17.7" (450mm)	1.38" (35mm)	XXL

Model No	DIMENSION		DIMENSION CODE
	D	H	
LL0112R-25W	20.1" (510mm)	3.7" (95mm)	M
LL0112R-40W	24.8" (630mm)	3.7" (95mm)	L
LL0112R-90W	36.6" (930mm)	3.7" (95mm)	XL
LL0112R-150W	48.4" (1230mm)	3.7" (95mm)	XXL

CIP LIGHTING

PRODUCT SPECIFICATION

SUSPENDED DIRECT&INDIRECT INFO

Model No	DIMENSION Dia	DIRECT LUMEN/WATT	INDIRECT LUMEN/WATT	SAFETY CABLE QUANTITY	POWER CABLE QUANTITY	DIMENSION CODE
LL0112UDS-50W	18.9" (480mm)	2550/30W	1700/20W	3	2	M
LL0112UDS-80W	23.6" (600mm)	4250/50W	2550/30W	3	2	L
LL0112UDS-120W	35.4" (900mm)	6120/72W	4080/48W	3	3	XL
LL0112UDS-220W	47.2" (1200mm)	11220/132W	7480/88W	4	5	XXL

MOUNTED DIRECT&INDIRECT INFO

Model No	DIMENSION Dia	DIRECT LUMEN/WATT	INDIRECT LUMEN/WATT	DIMENSION CODE
LL0112UDM-50W	18.9" (480mm)	2550/30W	1700/20W	M
LL0112UDM-80W	23.6" (600mm)	4250/50W	2550/30W	L
LL0112UDM-120W	35.4" (900mm)	6800/80W	3400/40W	XL
LL0112UDM-150W	47.2" (1200mm)	8500/100W	4250/50W	XXL

ETL LISTED c US Intertek

5 YEARS WARRANTY

DAMP LOCATION

Features:

1. Available in standard light, acoustic w/light or acoustic only (no light)

2. 3 color finishes (black, white, silver),can be customized.

3. 35 acoustic felt colors

4. Operation Voltage:AC120-277V,0-10v dimming and non-dimmable for optional

5. Direct and indirect lighting for optional.

6. Efficiency:>85lm/w

Ordering Format

Model No.	Distribution		Installation	Acoustic Configuration	Power	CRI	CCT		Control		Body Color		Size
	Blank down	**S**	suspended	**Blank** no acoustic	**15W**	**80+**	**30K**	3000K	**STD**	non-dimming	**SW**	matt white	**SS**
	UD Up and down	**M**	surface mounted	**AC** Acoustic only	**20W**	**90+**	**40K**	4000K	**DIM**	0-10V dimming	**SB**	matt black	**S**
		R	recessed	**ACLT** Acoustic with Light	**25W**		**50K**	5000K			**RAL**	customized color	**M**
					40W								**L**
LL0112					**50W**								**XL**
					80W								**XXL**
					90W								
					120W								
					150W								
					180W								
					220W								

Acoustic Color

NSAC-001 141	NSAC-002 122	NSAC-003 120	NSAC-004 123
NSAC-005 107	NSAC-006 106	NSAC-007 145	NSAC-008 129
NSAC-009 140	NSAC-014 144	NSAC-011 135	NSAC-012 133
NSAC-013 111	NSAC-018 125	NSAC-019 126	NSAC-016 104
NSAC-017 147	NSAC-022 119	NSAC-031 108	NSAC-020 128

NSAC-021 130 · NSAC-025 138 · NSAC-029 112 · NSAC-033 103
NSAC-034 102 · NSAC-038 127 · NSAC-042 146 · NSAC-040 124
NSAC-035 101 · NSAC-039 143 · NSAC-043 115 · NSAC-044 114
NSAC-024 117 · NSAC-028 110 · NSAC-036 105

Order Example:	LL0112S-15W-80-30K-DIM--SW-S
Certificate	UL1598 / UL8750 / LM80 / EN62471

Light distribution	**Optical system**

PRODUCT SPECIFICATION

C0/C180	C90/270

Beam Angle:116.50°(50%Imax)
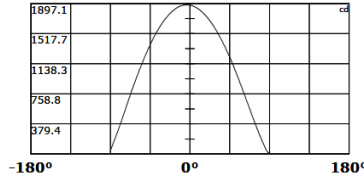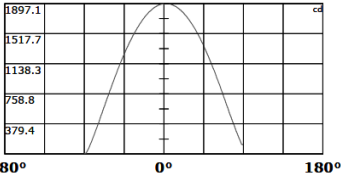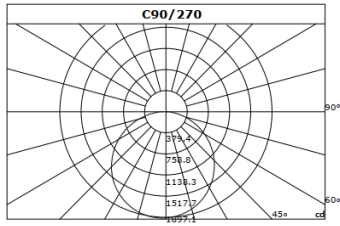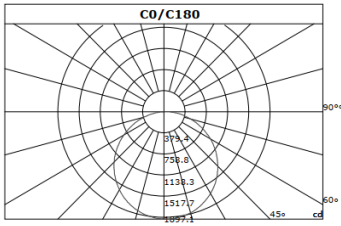
Height	Center lx	Diameter
1.m	1882.88 lx	323.20cm
2.m	470.72 lx	646.39cm
3.m	209.21 lx	969.59cm
4.m	117.68 lx	1292.79cm
5.m	75.32 lx	1615.98cm
6.m	52.30 lx	1939.18cm
7.m	38.43 lx	2262.37cm
8.m	29.42 lx	2585.57cm
9.m	23.25 lx	2908.77cm
10.m	18.83 lx	3231.96cm
11.m	15.56 lx	3555.16cm
12.m	13.08 lx	3878.36cm
13.m	11.14 lx	4201.55cm
14.m	9.61 lx	4524.75cm
15.m	8.37 lx	4847.95cm
16.m	7.35 lx	5171.14cm
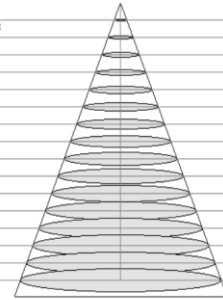
Accessories

	Continuous run

A.Mounting Bracket
B.Anchor Screws
C.Plastic Anchors
D.Bracket Screws
E.Canopy Screws
F.Wire Connectors

A B C D E F
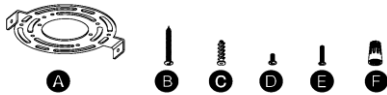
Material / LED system

	Material		LED system
LED Driver	ARCATA or Equvalent, AC120-277V,PF>0.9,no flicker,UL Cert,Class P	LED	Samsung 2835,9V,100mA
Alu PCB	2.0W.M/K,UL Cert	CCT	2700K,3000K, 3500K, 4000K and 5000K with a great color consistency (within 3–step MacAdam ellipse)
Housing	Alumium6063, painting.	Led life	Minimum 50,000h with 70% of lumen maintenance in 25C ambient temperature, in compliance with IES LM-80 testing measurements.
Lens	PC, UL-94VO,Anti-UV	Operation temp	minus 20C to 40C (centigrade)
Other			

We reserve the right to make any design changes for continuous improvement, contact us for the latest technical information!	File name	NS/SS-LL0112-REV2.0

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