

<b>Series</b>	LED RING LIGHT SERIES	<b>Model</b>	LL0113S/LL0113M/LL0113SAC
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**Project:**

**Type:**

**Notes:**

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**Overview**

The Ring Light is a versatile architectural lighting solution, available as a surface or pendant mount, with direct illumination. From 2ft dia to 16.5 ft dia, the Ring Light stands out among the rest for range of features and options. With Central canopy suspended, direct suspension and surface mounted installation for optional. The diameter is bigger than 5ft, delivery sections and with joiner. The standard safe cable length is 1.5m (can be customized).

<b>Standards</b>	<b>Features</b>
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1. The diameter size to choose from ranging from 2ft. to 16.5ft.
2. 2 color finishes (black, white), can be customized.
3. Operation Voltage: AC120-277V, 0-10v dimming and non-dimmable for optional
4. Aluminum body construction
5. 35 acoustic felt colors
6. Efficiency:  $\geq 85\text{lm/w}$

<b>Type</b>	Suspended	<b>Size</b>
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Model No.	Dimension		Driver quantity	Section quantity	Dimension code
	D	D1			
LL0113S-40W	23.6\"(600mm)	10.0\"(250mm)	1	1	SS
LL0113S-50W	35.4\"(900mm)	10.0\"(250mm)	1	1	S
LL0113S-80W	47.2\"(1200mm)	10.0\"(250mm)	2	1	M
LL0113S-100W	59.1\"(1500mm)	10.0\"(250mm)	2	1	L
LL0113S-120W	78.8\"(2000mm)	14.0\"(350mm)	3	3	XL
LL0113S-200W	118.1\"(3000mm)	18.0\"(450mm)	5	5	XXL
LL0113S-400W	196.9\"(5000mm)	20.0\"(500mm)	10	6	XXXL

<b>Type</b>	Surface mounted	<b>Size</b>
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Model No.	Dimension		Driver quantity	Section quantity	Dimension code
	D	H			
LL0113M-40W	23.6\"(600mm)	1.5\"(38mm)	1	1	SS
LL0113M-50W	35.4\"(900mm)	1.5\"(38mm)	1	1	S
LL0113M-80W	47.2\"(1200mm)	1.5\"(38mm)	2	1	M
LL0113M-100W	59.1\"(1500mm)	1.5\"(38mm)	2	1	L
LL0113M-120W	78.8\"(2000mm)	1.5\"(38mm)	3	3	XL
LL0113M-200W	118.1\"(3000mm)	1.5\"(38mm)	5	5	XXL
LL0113M-400W	196.9\"(5000mm)	1.5\"(38mm)	10	6	XXXL

Ordering Format	Model No.	Installation		Acoustic Configuration	Power	CRI	CCT		Control		Body Color		Dimension code
	LL0113	S	suspended	Blank: no acoustic	40W	80+	30K	3000K	STD	non-dimming	SW	matt white	SS
M		surface mounted	AC: Acoustic with light	50W	90+	40K	4000K	DIM	0-10V dimming	SB	matt black	S	
				80W		50K	5000K			RAL	customized color	M	
				100W								L	
				120W								XL	
				200W								XXL	
				400W								XXXL	

Acoustic Color

Order Example:	LL0113S-40W-80-30K-DIM--SW-SS
Certificate	UL1598 / UL8750 / LM80 / EN62471

Light distribution	Optical system																																																			
	<table border="1"> <thead> <tr> <th>Height</th> <th>Center lx</th> <th>Diameter</th> </tr> </thead> <tbody> <tr><td>1.m</td><td>3254.54 lx</td><td>338.18cm</td></tr> <tr><td>2.m</td><td>813.64 lx</td><td>676.36cm</td></tr> <tr><td>3.m</td><td>361.62 lx</td><td>1014.54cm</td></tr> <tr><td>4.m</td><td>203.41 lx</td><td>1352.73cm</td></tr> <tr><td>5.m</td><td>130.19 lx</td><td>1690.91cm</td></tr> <tr><td>6.m</td><td>90.40 lx</td><td>2029.09cm</td></tr> <tr><td>7.m</td><td>66.42 lx</td><td>2367.27cm</td></tr> <tr><td>8.m</td><td>50.85 lx</td><td>2705.45cm</td></tr> <tr><td>9.m</td><td>40.18 lx</td><td>3043.63cm</td></tr> <tr><td>10.m</td><td>32.55 lx</td><td>3381.82cm</td></tr> <tr><td>11.m</td><td>26.90 lx</td><td>3720.00cm</td></tr> <tr><td>12.m</td><td>22.90 lx</td><td>4058.18cm</td></tr> <tr><td>13.m</td><td>19.26 lx</td><td>4396.36cm</td></tr> <tr><td>14.m</td><td>16.80 lx</td><td>4734.54cm</td></tr> <tr><td>15.m</td><td>14.46 lx</td><td>5072.72cm</td></tr> <tr><td>16.m</td><td>12.71 lx</td><td>5410.91cm</td></tr> </tbody> </table> <p>Beam Angle: 118.80°(50%Imax)</p>	Height	Center lx	Diameter	1.m	3254.54 lx	338.18cm	2.m	813.64 lx	676.36cm	3.m	361.62 lx	1014.54cm	4.m	203.41 lx	1352.73cm	5.m	130.19 lx	1690.91cm	6.m	90.40 lx	2029.09cm	7.m	66.42 lx	2367.27cm	8.m	50.85 lx	2705.45cm	9.m	40.18 lx	3043.63cm	10.m	32.55 lx	3381.82cm	11.m	26.90 lx	3720.00cm	12.m	22.90 lx	4058.18cm	13.m	19.26 lx	4396.36cm	14.m	16.80 lx	4734.54cm	15.m	14.46 lx	5072.72cm	16.m	12.71 lx	5410.91cm
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Accessories	Continuous run
<ul style="list-style-type: none"> <li>A.Mounting Bracket</li> <li>B.Anchor Screws</li> <li>C.Plastic Anchors</li> <li>D.Bracket Screws</li> <li>E.Canopy Screws</li> <li>F.Wire Connectors</li> </ul>	

Material	LED system
LED Driver	ARCATA or Equivalent, AC120-277V, PF>0.9, no flicker, UL Cert, Class P
Alu PCB	2.0W.M/K, UL Cert
	LED: Samsung 2835, 3V, 150mA
	CCT: 2700K, 3000K, 3500K, 4000K and 5000K with a great color consistency (within 3-step MacAdam ellipse)



## PRODUCT SPECIFICATION

<b>Housing</b>	Alumium6063, painting.	<b>Led life</b>	Minimum 50,000h with 70% of lumen maintenance in 25C ambient temperature, in compliance with IES LM-80 testing measurements.
<b>Lens</b>	PC, UL-94VO, Anti-UV	<b>Operation temp</b>	minus 20C to 40C (centigrade)
<b>Other</b>			
<b>CIP Lighting reserves the right to make any design changes for continuous improvement without notification, contact us for the latest technical information!</b>		<b>File name</b>	<b>NS/SS-LL0113-REV3.0</b>