



**CATEGORY:**

Indoor, Suspension, Damp Location



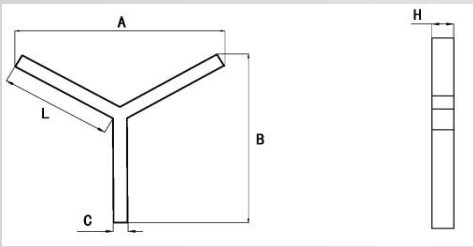
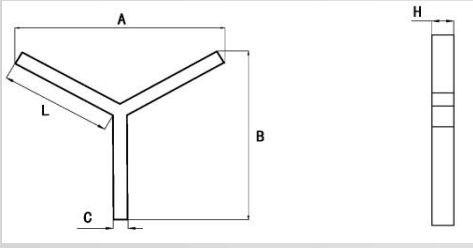
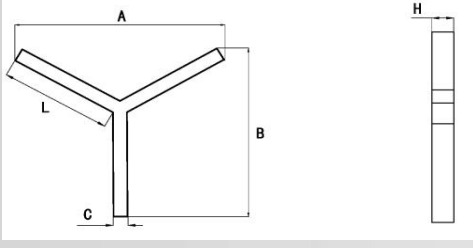
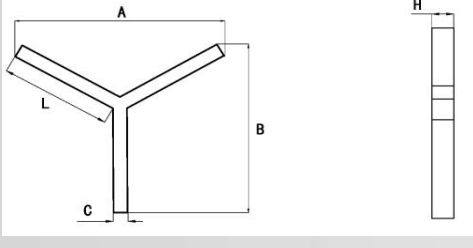
**MATERIALS:**

Aluminum, Fabric

**FEATURES:**

1. 3 sizes to choose.
2. Aluminum body construction
3. Available in down lighting only, and up/down lighting; regular version and acoustic version
4. Operation Voltage: AC 120-277V, 0-10v dimming and non-dimmable for optional
5. Efficiency: 105lm/w

**DIMENSIONS:**

		Model No	A	B	C	L	H	Size Code
Type: Suspended, down lighting only, acoustic version		LL0190S-40W	19.7" (500mm)	22.2" (563mm)	1.97" (50mm)	11.8" (300mm)	3.0" (75mm)	S
		LL0190S-80W	37.9" (960mm)	42.6" (1082mm)	1.97" (50mm)	23.6" (600mm)	3.0" (75mm)	M
		LL0190S-120W	56.1" (1425mm)	63.0" (1600mm)	1.97" (50mm)	35.4" (900mm)	3.0" (75mm)	L
		Model No	A	B	C	L	H	Size Code
Type: Suspended, up and down lighting, regular version		LL0190SAC-40W	19.7" (500mm)	22.2" (563mm)	1.97" (50mm)	11.8" (300mm)	3.0" (75mm)	S
		LL0190SAC-80W	37.9" (960mm)	42.6" (1082mm)	1.97" (50mm)	23.6" (600mm)	3.0" (75mm)	M
		LL0190SAC-120W	56.1" (1425mm)	63.0" (1600mm)	1.97" (50mm)	35.4" (900mm)	3.0" (75mm)	L
		Model No	A	B	C	L	H	Size Code
Type: Suspended, up and down lighting, acoustic version		LL0190UDS-50W	19.7" (500mm)	22.2" (563mm)	1.97" (50mm)	11.8" (300mm)	3.0" (75mm)	S
		LL0190UDS-100W	37.9" (960mm)	42.6" (1082mm)	1.97" (50mm)	23.6" (600mm)	3.0" (75mm)	M
		LL0190UDS-140W	56.1" (1425mm)	63.0" (1600mm)	1.97" (50mm)	35.4" (900mm)	3.0" (75mm)	L
		Model No	A	B	C	L	H	Size Code
Type: Suspended, up and down lighting, acoustic version		LL0190UDSAC-50W	19.7" (500mm)	22.2" (563mm)	1.97" (50mm)	11.8" (300mm)	3.0" (75mm)	S
		LL0190UDSAC-100W	37.9" (960mm)	42.6" (1082mm)	1.97" (50mm)	23.6" (600mm)	3.0" (75mm)	M
		LL0190UDSAC-140W	56.1" (1425mm)	63.0" (1600mm)	1.97" (50mm)	35.4" (900mm)	3.0" (75mm)	L

## HOW TO ORDER:

Ordering Format	Model No.	Installation		Acoustic Configuration	Power	CRI	CCT		Control		Body Color		Size Code
	LL0190	S	down lighting	Suspended	Blank: no acoustic	40W	80+	30K	3000K	STD	non-dimming	SW	matt white
UDS		up and down lighting	suspended	AC: acoustic with light	80W	90+	40K	4000K	DIM	0-10V dimming	SB	matt black	M
					120W		50K	5000K			RAL	customized color	L
Order Example:	LL0190S-80W-90-30K-DIM--SW-M												
Certificate	UL1598 / UL8750 / LM80 / EN62471												

Light distribution		Optical system																																																																																																										
<p>Luminous Intensity Distribution Curve</p> <p>Beam Angle(50%) C0-180,C90-270: 59.6 deg</p> <p>C0-180 C90-270</p>		<table border="1"> <thead> <tr> <th>Height</th> <th>Center</th> <th>Edge</th> <th>Beam angle: 59.6 deg</th> <th>Diameter</th> </tr> </thead> <tbody> <tr><td>3.28ft</td><td>36.42"</td><td>36.42ft</td><td></td><td>3.76ft</td></tr> <tr><td>3.00ft</td><td>34.50"</td><td>34.50ft</td><td></td><td>3.50ft</td></tr> <tr><td>4.56ft</td><td>9.16"</td><td>9.17ft</td><td></td><td>7.51ft</td></tr> <tr><td>2.00ft</td><td>98.55"</td><td>98.67ft</td><td></td><td>2.29ft</td></tr> <tr><td>9.84ft</td><td>4.07"</td><td>4.07ft</td><td></td><td>11.27ft</td></tr> <tr><td>3.00ft</td><td>43.89"</td><td>43.89ft</td><td></td><td>2.44ft</td></tr> <tr><td>13.12ft</td><td>2.29"</td><td>2.29ft</td><td></td><td>15.03ft</td></tr> <tr><td>4.00ft</td><td>24.44"</td><td>24.47ft</td><td></td><td>4.39ft</td></tr> <tr><td>14.40ft</td><td>1.48"</td><td>1.47ft</td><td></td><td>18.70ft</td></tr> <tr><td>9.00ft</td><td>15.77"</td><td>15.79ft</td><td></td><td>5.73ft</td></tr> <tr><td>19.69ft</td><td>1.02"</td><td>1.02ft</td><td></td><td>22.94ft</td></tr> <tr><td>9.00ft</td><td>10.95"</td><td>10.96ft</td><td></td><td>4.57ft</td></tr> <tr><td>22.97ft</td><td>0.79"</td><td>0.79ft</td><td></td><td>26.30ft</td></tr> <tr><td>7.00ft</td><td>8.04"</td><td>8.05ft</td><td></td><td>8.02ft</td></tr> <tr><td>26.23ft</td><td>0.57"</td><td>0.57ft</td><td></td><td>30.09ft</td></tr> <tr><td>9.00ft</td><td>6.14"</td><td>6.15ft</td><td></td><td>9.55ft</td></tr> <tr><td>32.81ft</td><td>0.37"</td><td>0.37ft</td><td></td><td>37.07ft</td></tr> <tr><td>10.00ft</td><td>2.94"</td><td>2.95ft</td><td></td><td>11.52ft</td></tr> <tr><td>39.37ft</td><td>0.25"</td><td>0.25ft</td><td></td><td>45.08ft</td></tr> <tr><td>12.00ft</td><td>2.74"</td><td>2.74ft</td><td></td><td>13.74ft</td></tr> </tbody> </table>		Height	Center	Edge	Beam angle: 59.6 deg	Diameter	3.28ft	36.42"	36.42ft		3.76ft	3.00ft	34.50"	34.50ft		3.50ft	4.56ft	9.16"	9.17ft		7.51ft	2.00ft	98.55"	98.67ft		2.29ft	9.84ft	4.07"	4.07ft		11.27ft	3.00ft	43.89"	43.89ft		2.44ft	13.12ft	2.29"	2.29ft		15.03ft	4.00ft	24.44"	24.47ft		4.39ft	14.40ft	1.48"	1.47ft		18.70ft	9.00ft	15.77"	15.79ft		5.73ft	19.69ft	1.02"	1.02ft		22.94ft	9.00ft	10.95"	10.96ft		4.57ft	22.97ft	0.79"	0.79ft		26.30ft	7.00ft	8.04"	8.05ft		8.02ft	26.23ft	0.57"	0.57ft		30.09ft	9.00ft	6.14"	6.15ft		9.55ft	32.81ft	0.37"	0.37ft		37.07ft	10.00ft	2.94"	2.95ft		11.52ft	39.37ft	0.25"	0.25ft		45.08ft	12.00ft	2.74"	2.74ft		13.74ft
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Accessories		Continuous run																																																																																																										
<ul style="list-style-type: none"> <li>A Bracket</li> <li>B Mounting Bracket</li> <li>C Anchor Screws</li> <li>D Plastic Anchors</li> <li>E Bracket Screws</li> <li>F Coaxial Screws</li> <li>G Wire Connectors</li> <li>H Ring</li> <li>I Cable</li> <li>J Split</li> <li>K Cable Tie</li> </ul>																																																																																																												
Material		LED system																																																																																																										
LED Driver	CUPOWER or Equivalent, AC120-277V, PF>0.9, no flicker, UL Cert, Class P	LED	Samsung 2835, 3V, 150mA																																																																																																									
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																																																																																																												
		File name	NS/SS-LL0190-REV3.0																																																																																																									

**ACOUSTIC COLORS:**

