

Type:                      Quantity:

## FIXTURE SPECIFICATIONS

### INTENDED USE

Built with a Black aluminum housing, our 2x2 LED recessed fixture features sound absorbing acoustic felt ideal for spaces that will benefit from reduced noise. The 11166 can be ordered in a variety of ways: as a non-lit, acoustic felt only product that drops from the ceiling, a LED lit product with acoustic felts that is recessed into the ceiling, an a LED only product. This product can be customized in a number of ways to suit open offices, lobbies and reception areas and corridors, and other commercial interiors.

### PRODUCT FAMILY

- 11166: Non-Lit Sound Absorbing Acoustics Fixture
- 11166-R: LED Recessed Flat Panel with Sound Absorbing Acoustics
- 11166-AD: LED Acrylic Drop Light Fixture

### FEATURES

- Construction:** Sound absorbing acoustic felt is 100% virgin polyester and 0.5" thick. Material rated for NRC (Noise Reduction Coefficient) of 0.90.
- Wattage & Color Temperature Switch:** Features Field adjustable Wattage and Color temp switch capable of switching wattages from 25 to 40 Watts and color temperatures of 35K to 50K.
- Lens:** Frosted acrylic diffuser
- Voltage:** 120-277V
- Life:** 50,000 Hours
- Warranty:** 5 Years carefree for parts & components (labor not included)
- Listings:** cULus, DLC, ARRA compliant, BAA compliant



LED	Watts	Color Temp	Lumen Output
Wattage & Color Temperature Selectable	40W	3500K	3828lm
		4000K	3828lm
		5000K	3897lm
	30W	3500K	2949lm
		4000K	2975lm
		5000K	3001lm
	25W	3500K	2523lm
		4000K	2544lm
		5000K	2566lm



## ORDERING INFORMATION Example: (11166-P-2-PW-RT-010)

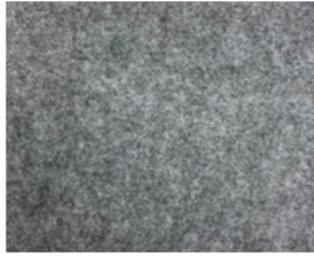
Model	Size	Acoustic Felt Finish	Mounting	Dimming	Options
<b>11166-P</b>	<b>1</b>	<b>PW</b> Pewter	<b>RT</b> Recessed T-bar	<b>010</b> <small>Standard</small> 0-10V Dimming (120-277V)	<b>OS</b> Bi-Level Occupancy Sensor
	<b>2</b>	<b>SL</b> Slate	<b>FK</b> Flange Kit for Hard Ceiling	<b>ELV</b> ELV Dimming (120-277V)	<b>EM8</b> 8W Emergency Back-Up Battery
		<b>XX</b> Custom premium colors <small>(Specify from chart on page 2)</small>		<b>TRIAC</b> TRIAC Dimming (120V Only)	<b>EM16</b> 16W Emergency Back-Up Battery
	<b>4</b>				<b>EM20</b> 20W Emergency Back-Up Battery
	<b>6</b>				
	6" Hight LED Pendant with Sound Absorbing Acoustics				

Sound Absorbing Material Options

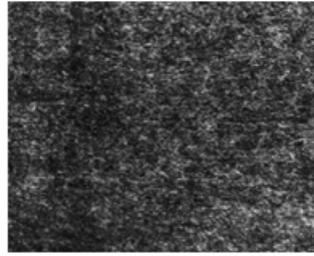
STANDARD OPTIONS



SM: SMOKE



PW: PEWTER



SL: SLATE

PREMIUM OPTIONS



TR: TAR



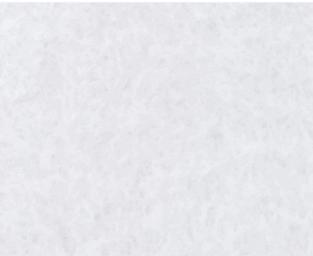
MD: MANDARIN



OC: OCHRE



GR: GRASS



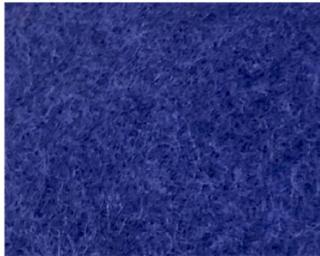
FO: FROST



EC: ECRU



BR: BARK



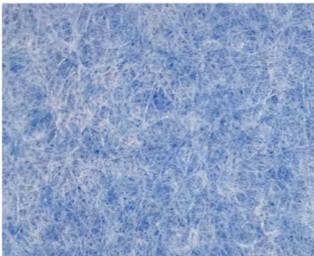
CB: COBALT



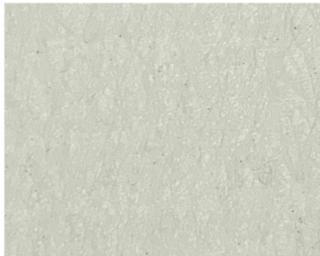
LN: LINEN



SK: SKY



CH: CHAMBARY



IV: IVORY



SS: SUNSHINE

### Noise Reduction Coefficient Comparison

Frequency/Hz	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	$\bar{\alpha}$	NRC
0mm / 0"	0.03	0.01	0.09	0.04	0.05	0.09	0.12	0.25	0.32	0.49	0.61	0.72	0.82	0.85	0.91	0.94	0.95	0.44	0.45
50mm / 2"	0.20	0.16	0.22	0.32	0.46	0.56	0.63	0.80	0.89	1.03	1.04	0.99	1.07	1.00	0.93	0.87	0.92	0.81	0.80
150mm / 6"	0.29	0.46	0.44	0.57	0.68	0.81	0.97	0.96	0.91	1.04	0.92	0.80	0.94	0.94	0.91	0.90	0.91	0.97	0.90

