

Project Name: _____

Type: _____ Quantity: _____

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FIXTURE SPECIFICATIONS

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-P](#): LED Pendant 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



RC (Recessed)

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	
Fixed Color Temperature	36W	3500K	4428lm
		4000K	4536lm



ORDERING INFORMATION Example: [\(11166-2DR-PW-RT-CTS-010\)](#)

Model	Size	Acoustic Felt Finish	Mounting	Color Temperature	Dimming	Options
11166-R	1	PW Pewter SL Slate XX Custom premium colors (Specify from chart on page 2)	RT Recessed T-bar FK Flange Kit for Hard Ceiling	CTS ¹ Color Temperature Switch 35K / 40K / 50K 35K 3500K 40K 4000K	010 ^{Standard} 0-10V Dimming (120-277V) ELV ² ELV Dimming (120-277V) TRIAC TRIAC Dimming (120V Only)	OS Bi-Level Occupancy Sensor EM8 8W Emergency Back-Up Battery EM16 16W Emergency Back-Up Battery EM20 20W Emergency Back-Up Battery
	2					
	4					
	6					
	4"					
	6"					

¹ Only compatible with 0-10V dimming
² ELV option is only available with 35K or 40K

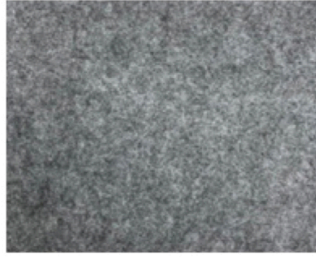
Alcon Lighting 11166-R LED Regressed Flat Panel with Sound Absorbing Acoustics

INTENDED USE

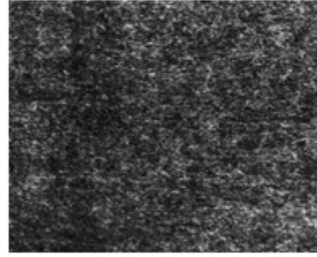
STANDARD OPTIONS



SM: SMOKE



PW: PEWTER

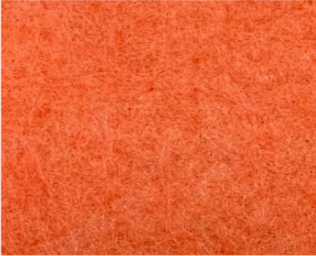


SL: SLATE

PREMIUM OPTIONS



TR: TAR



MD: MANDARIN



OC: OCHRE



GR: GRASS



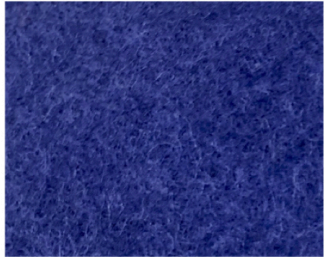
FO: FROST



EC: ECRU



BR: BARK



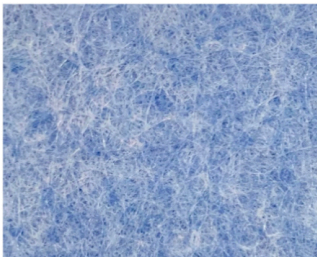
CB: COBALT



LN: LINEN



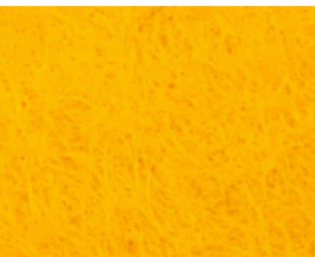
SK: SKY



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	ā	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

