



Grade Number
Notes
Type: F3

FEATURES & SPECIFICATIONS

VIEWED 65° — A general purpose and energy efficient surface mounted or suspended LED fixture, suitable for wet, damp and/or cold locations. For vapor-tight demanding environments where moisture or dust is a concern and where relatively low fixture mounting heights and wide fixture spacing are common. Not for use or installation in direct outdoor sunlight. Must be installed under canopy or covered ceiling. For direct sunlight installations, please refer to the E2 product family. Typical applications include industrial facilities, parking garages, retail malls, multi purpose rooms, garden centers, and food processing. **Certain airborne contaminants can diminish the integrity of acrylic and/or polycarbonate.** [Click here for Acrylic Polycarbonate Compatibility table for available materials.](#)

Certain airborne contaminants may adversely affect the functioning of LEDs and other electronic components, depending on various factors such as concentrations of the contaminants, ventilation, and temperature at the end-user location. [Click here for a list of substances that may not be suitable for interaction with LEDs and other electronic components.](#)

CONSTRUCTION — One-piece SVA fiberglass housing with integral perimeter channel utilizing continuous poured-in-place NEMA 4X gasket. Approved as a wireway and for through wiring. Captive polymeric latches are standard. Stainless steel latches (#316) available as an option for food processing or more demanding applications.

Power connection is easily accomplished through pre-drilled holes. Fixture easily mounts to ceilings and other solid structures, or can be suspended with chain, cable or rod using stainless steel mounting brackets (included).

OPTICS — Injection molded, acrylic lens (800" thick) provides high impact resistance comparable to 100% DR. A UV stabilized polycarbonate diffuser is available (800" thick) in clear or frosted for additional impact strength where vandal protection is desired.

Expected service life of 60,000 hours at 80% lumen maintenance (L80); predicted life of more than 100,000 hours.

ELECTRICAL — Utilizes high-efficiency LEDs mounted to core circuit boards. High-efficiency drivers operate 120-277 (MVOLT) and 347-480 (HVOLT) offered with 0-10 volt dimming. Standard Luminaire Surge Protection Level: 6kV/3kA Surge Rated per ANSI C82.77-5-2015.

INSTALLATION — Fixture can be surface, suspended or wall mounted. Pre-punched stainless steel mounting brackets are included (two per luminaire) for easy field-attachment of bolts, screws and other mounting hardware.

LISTINGS — CSA Certified to UL and CUL Standards. Suitable for wet location. IP65, IP67 rated and certified to meet NSF Splash Zone 2. NEMA 4X rated. Sensors maintain IP65 and IP66 only. See chart on page 5 for Ambient Temperatures.

DesignLights Consortium™ (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at www.designlightsconsortium.com to confirm which version is qualified.

KEY AMERICAN — Product with the BAA option is assembled in the USA and meets the Buy America(s) government procurement requirements under FAR, DFARS and DOT. Please refer to www.acuitybrands.com/buy-american for additional information.

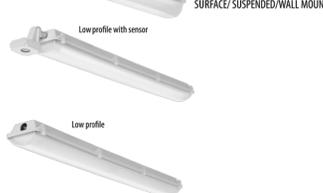
WARRANTY — 5-year limited warranty. Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions

NOTE: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

Low-Profile Enclosed and Gasketed Industrial

FEM LED

SURFACE/SUSPENDED/WALL MOUNT



Stock configurations are offered for shorter lead times:

Standard Part Number	Stock Part Number
FEM L48 4000LM LPARL MD MVOLT GZ10 40K 80CRI	FEM L48 4L MVOLT
FEM L48 4000LM LPARL MD MVOLT GZ10 50K 80CRI	FEM L48 4L MVOLT 5K

Capable Luminaire

This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and out-of-the-box control compatibility with simple commissioning.

- All configurations of this luminaire meet the Acuity Brands® specification for chromatic consistency
- This luminaire is part of an A+ Certified solution for nLight® control networks marked by a **shaded background***

To learn more about A+, visit www.acuitybrands.com/aplus.

*See ordering tree for details

INDUSTRIAL FEM LED

FEM LED Low-Profile Enclosed and Gasketed

OPERATIONAL DATA (80 CRI*, MD**, MVOLT***)

length	Package	Input Wattage	CCT	Frosted Lens*				Clear Lens*								
				IMAF	IMAFD	LPARL	LPACL	IMACD	LPACL	IMACD	LPACL					
124	2000LM	13.4	30K	1962 (147)	2093 (156)	2076 (155)	1863 (139)	2112 (158)	2105 (158)	1800 (142)	2148	2082 (156)	2138 (159)	1899 (142)	2152 (161)	1929 (144)
			40K	2099 (157)	2228 (167)	2220 (166)	1991 (149)	2259 (169)	2251 (169)	2022 (151)	2267	2202 (165)	2277 (168)	2033 (146)	2291 (171)	2044 (153)
			50K	2122 (159)	2252 (169)	2244 (168)	2013 (151)	2284 (171)	2276 (170)	2044 (153)	2299	2234 (167)	2244 (166)	2044 (153)	2303 (172)	2053 (154)
			30K	2869 (194)	3046 (153)	3035 (153)	2721 (157)	3088 (155)	3077 (155)	2794 (139)	3127	3063 (153)	3052 (152)	2794 (139)	3136 (156)	3073 (155)
			35K	2927 (147)	3108 (156)	3096 (156)	2722 (148)	3123 (158)	3115 (158)	2828 (142)	3152	3088 (153)	3077 (155)	2828 (142)	3161 (156)	3096 (156)
			40K	3069 (154)	3258 (164)	3246 (163)	2911 (146)	3303 (166)	3291 (166)	2956 (149)	3332	3268 (164)	3257 (163)	2956 (149)	3341 (166)	3275 (165)
	3000LM	19.9	50K	3162 (156)	3293 (166)	3281 (165)	2942 (148)	3339 (168)	3327 (167)	2988 (150)	3376	3312 (164)	3301 (163)	2988 (150)	3385 (166)	3312 (164)
			30K	3676 (142)	3963 (156)	3949 (156)	3487 (134)	3992 (152)	3943 (152)	3544 (136)	4021	3957 (150)	3946 (149)	3544 (136)	4030 (152)	3969 (150)
			35K	3751 (145)	3962 (153)	3968 (153)	3558 (137)	4037 (156)	4023 (155)	3613 (139)	4066	4002 (154)	3987 (153)	3613 (139)	4075 (156)	3996 (150)
			40K	3932 (152)	4174 (161)	4159 (160)	3730 (144)	4232 (163)	4217 (162)	3788 (146)	4266	4202 (160)	4183 (159)	3788 (146)	4275 (162)	4206 (160)
			50K	3975 (153)	4219 (163)	4204 (162)	3770 (145)	4276 (165)	4261 (164)	3829 (148)	4304	4240 (162)	4221 (161)	3829 (148)	4313 (164)	4240 (162)
			30K	5281 (155)	5613 (143)	5599 (143)	5015 (138)	5691 (145)	5673 (145)	5092 (130)	5722	5658 (143)	5639 (142)	5092 (130)	5731 (145)	5660 (143)
4000LM	26.8	35K	5395 (138)	5727 (146)	5707 (145)	5117 (130)	5806 (148)	5786 (147)	5196 (132)	5825	5761 (145)	5742 (144)	5196 (132)	5834 (146)	5761 (145)	
		40K	5655 (144)	6004 (153)	5982 (153)	5364 (137)	6067 (155)	6065 (155)	5447 (139)	6096	6032 (153)	6013 (152)	5447 (139)	6105 (155)	6032 (153)	
		50K	5717 (146)	6069 (155)	6047 (154)	5422 (138)	6133 (157)	6131 (156)	5506 (140)	6162	6100 (154)	6079 (153)	5506 (140)	6171 (156)	6097 (150)	
		30K	2609 (149)	2853 (158)	2844 (158)	2651 (141)	2898 (146)	2884 (146)	2590 (142)	2917	2853 (158)	2844 (158)	2590 (142)	2926 (146)	2853 (158)	
		35K	2743 (152)	2912 (161)	2902 (161)	2602 (144)	2953 (164)	2942 (163)	2643 (146)	2972	2908 (162)	2889 (161)	2643 (146)	2981 (164)	2908 (162)	
		40K	2876 (159)	3052 (169)	3042 (169)	2728 (151)	3095 (172)	3084 (171)	2770 (154)	3103	3039 (170)	3019 (169)	2770 (154)	3112 (172)	3039 (170)	
6000LM	39.2	50K	2907 (161)	3086 (173)	3075 (170)	2728 (153)	3129 (173)	3118 (173)	2800 (155)	3138	3074 (171)	3053 (170)	2800 (155)	3147 (173)	3074 (171)	
		30K	3543 (149)	3762 (158)	3748 (157)	3361 (141)	3814 (160)	3800 (160)	3413 (143)	3833	3769 (156)	3754 (155)	3413 (143)	3842 (160)	3769 (156)	
		35K	3615 (152)	3838 (161)	3824 (161)	3429 (144)	3891 (163)	3877 (163)	3482 (146)	3900	3836 (161)	3821 (160)	3482 (146)	3909 (163)	3836 (161)	
		40K	3790 (159)	4023 (169)	4009 (168)	3595 (151)	4059 (171)	4044 (171)	3630 (153)	4068	4004 (169)	3989 (168)	3630 (153)	4077 (171)	4004 (169)	
		50K	3811 (161)	4062 (171)	4052 (170)	3634 (153)	4123 (173)	4109 (173)	3690 (155)	4118	4054 (171)	4039 (170)	3690 (155)	4127 (173)	4054 (171)	
		30K	5284 (140)	5609 (149)	5589 (148)	5012 (133)	5687 (151)	5667 (150)	5090 (135)	5716	5652 (149)	5633 (148)	5090 (135)	5725 (151)	5652 (149)	
8000LM	37.8	35K	5391 (143)	5723 (152)	5703 (151)	5114 (135)	5802 (154)	5782 (153)	5193 (138)	5831	5767 (151)	5748 (150)	5193 (138)	5840 (152)	5767 (151)	
		40K	5613 (150)	6000 (159)	5978 (158)	5461 (140)	6082 (161)	6061 (161)	5444 (140)	6091	6027 (159)	6008 (158)	5444 (140)	6100 (161)	6027 (159)	
		50K	5713 (151)	6065 (161)	6043 (160)	5419 (144)	6149 (163)	6127 (162)	5503 (140)	6158	6094 (161)	6072 (160)	5503 (140)	6167 (163)	6094 (161)	
		30K	6952 (138)	7380 (146)	7354 (146)	6594 (131)	7482 (148)	7456 (148)	6696 (133)	7505	7441 (146)	7422 (145)	6696 (133)	7514 (148)	7441 (146)	
		35K	7093 (141)	7530 (149)	7505 (149)	6728 (153)	7624 (151)	7607 (151)	6822 (135)	7631	7567 (149)	7548 (148)	6822 (135)	7640 (151)	7567 (149)	
		40K	7435 (147)	7894 (156)	7865 (156)	7053 (140)	8003 (159)	7975 (158)	7162 (142)	8012	7948 (156)	7929 (155)	7162 (142)	8021 (158)	7948 (156)	
10000LM	62.8	50K	8646 (140)	9179 (148)	9146 (148)	8201 (132)	9306 (150)	9273 (150)	8328 (134)	9345	9281 (148)	9258 (147)	8328 (134)	9354 (150)	9281 (148)	
		30K	8822 (142)	9365 (151)	9332 (151)	8368 (135)	9495 (153)	9461 (153)	8497 (137)	9504	9440 (151)	9417 (150)	8497 (137)	9513 (153)	9440 (151)	
		40K	9348 (149)	9817 (158)	9792 (158)	8772 (142)	9953 (161)	9918 (160)	8908 (144)	9962	9898 (158)	9873 (157)	8908 (144)	9971 (161)	9898 (158)	
		50K	9148 (151)	9924 (160)	9888 (160)	8867 (143)	10061 (162)	10026 (162)	9004 (145)	10035	9971 (160)	9946 (159)	9004 (145)	10044 (162)	9971 (160)	
		30K	10406 (139)	11047 (147)	11007 (147)	9871 (132)	11200 (149)	11160 (149)	10024 (134)	11209	11145 (147)	11105 (146)	10024 (134)	11218 (149)	11145 (147)	
		35K	10617 (141)	11223 (150)	11201 (150)	10071 (136)	11267 (151)	11227 (151)	10122 (136)	11276	11212 (149)	11172 (148)	10122 (136)	11285 (151)	11212 (149)	
12000LM	75.8	40K	11130 (148)	11816 (157)	11773 (157)	10557 (141)	11979 (160)	11937 (159)	10721 (143)	12008	11944 (157)	11891 (156)	10721 (143)	12017 (160)	11944 (157)	
		50K	11251 (150)	11944 (159)	11901 (159)	10672 (142)	12109 (161)	12066 (161)	10837 (146)	12128	12064 (159)	12021 (158)	10837 (146)	12137 (161)	12064 (159)	
		30K	7962 (149)	8452 (156)	8422 (156)	7552 (141)	8570 (160)	8539 (160)	7669 (144)	8589	8525 (156)	8496 (155)	7669 (144)	8598 (160)	8525 (156)	
		35K	8124 (152)	8624 (161)	8593 (161)	7726 (144)	8843 (164)	8813 (164)	7852 (146)	8852	8788 (161)	8757 (160)	7852 (146)	8861 (164)	8788 (161)	
		40K	8516 (159)	9040 (169)	9008 (169)	8078 (151)	9166 (172)	9133 (171)	8203 (154)	9172	9108 (169)	9077 (168)	8203 (154)	9181 (172)	9108 (169)	
		50K	8668 (161)	9138 (171)	9106 (170)	8165 (153)	9265 (173)	9232 (173)	8292 (155)	9241	9177 (171)	9146 (170)	8292 (155)	9250 (173)	9177 (171)	
15000LM	94.3	30K	10270 (140)	11223 (149)	11181 (148)	10026 (133)	11327 (153)	11303 (153)	10182 (135)	11336	11272 (148)	11229 (147)	10182 (135)	11345 (153)	11272 (148)	
		35K	10785 (143)	11449 (152)	11408 (151)	10230 (135)	11608 (154)	11567 (153)	10388 (138)	11617	11553 (152)	11512 (151)	10388 (138)	11626 (154)	11553 (152)	
		40K	11306 (150)	12002 (159)	11959 (158)	10724 (142)	12168 (161)	12125 (161)	10890 (144)	12174	12110 (159)	12067 (158)	10890 (144)	12183 (161)	12110 (159)	
		50K	11428 (151)	12132 (161)	12089 (160)	10840 (144)	12300 (163)	12257 (162)	11008 (146)	12309	12245 (161)	12202 (160)	11008 (146)	12318 (163)	12245 (161)	
		30K	13399 (142)	14225 (151)	14174 (150)	12710 (133)	14422 (153)	14371 (152)	12907 (137)	14431	14367 (151)	14316 (150)	12907 (137)	14440 (153)	14367 (151)	
		35K	13671 (145)	14513 (154)	14461 (153)	12968 (138)	14714 (156)	14662 (156)	13169 (140)	14723	14659 (154)	14608 (153)	13169 (140)	14732 (156)	14659 (154)	
20000LM	125.5	40K	14331 (152)	15214 (161)	15160 (161)	13394 (144)	15452 (164)	15370 (163)	13805 (146)	15459	15395 (162)	15313 (161)	13805 (146)	15468 (164)	15395 (162)	
		50K	14487 (154)	15379 (163)	15324 (163)	13741 (146)	15590 (166)	15507 (165)	13954 (148)	15599	15535 (164)	15490 (163)	13954 (148)	15608 (166)	15535 (164)	
		30K	15901 (154)	16881 (163)	16820 (163)	15083 (140)	17114 (165)	17054 (165)	15317 (148)	17123</						