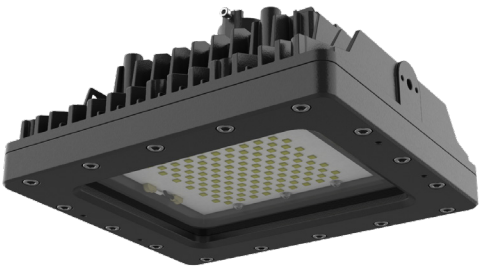
LEXF1

EXPLOSION PROOF

Chemical Processing ● Grain Processing ● Metals & Mining ● Oil / Gas ● Water Treatment

The LEXF1 is an explosion proof light fixture designed for use in environments where flammable vapors, gases or combustible dusts are ALWAYS present. This Low Bay area light fixture is suitable for use in high ambient temperature installations up to 65°C (149°F).



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LEXF1					
1	2	3	4	5	6

1 SERIES	2 SOURCE	3 VOLTAGE	4 CCT	5 OPTICS/BEAM	6 LENS
LEXF1	**L1:** 21W **L2:** 40W **L3:** 50W* **L4:** 60W *L3: 347-480VAC Only	**V1:** 120-277VAC (50/60Hz) **V2:** 347-480VAC (50/60Hz)* *V2: 50W Only	**27:** 2,700K **4:** 4,000K **5:** 5,000K	**T2:** Type II* **T3:** Type III* **T5:** Type V (110°) *Requires C lens	**C:** Clear Glass **D:** Diffused Glass
		Product comes standard with: 3/4" NPT Pendent Hub • 10Kv surge protection built in • 3 Ft. wire whip factory installed. (includes 0-10V dimming leads)			

CERTIFICATIONS

UL844 / CSA-C22.2 No.137 (Hazardous)
- Cl D1, Grps B,C,D
- Cl D2, Grps A,B,C,D
- CII D1, Grps E,F,G
- CII D2, Grps F,G
- CIII
- Simultaneous Presence
- Paint Spray Listed
- T Code: See table below

UL1598 / CSA-C22.2 No.250 (Wet/Damp)
UL1598A (Marine Outside)
-40°C to 65°C Ambient (L1-L3)
-40°C to 64°C Ambient (L4)
IP66 & IP67 & IK08
CRI Ra>70
Lumen Maintenance (L70) >60,000 hrs. (reported)
FCC

CONSTRUCTION

Copper-free aluminum housing
Clear or frosted tempered glass lens
Powder coat black
Single 3/4" NPT Hub / Pendent Mount
Weight: 12 lbs.
All exposed fasteners are stainless steel

ELECTRICAL

120-277 / 347-480VAC
10Kv surge protector built in - Standard
3Ft. Wire Whip - Standard, Factory Installed

FEATURES

High Lumen output up to 150 Lm/W
Thermal shock and impact resistant glass lens
Anti-corrosion housing tested 1,000 hrs.
Mounting options available: Pendent, Yoke, Stanchion
5 Year Warranty

***These products are Manufactured in the USA with both domestic and imported components. Accessories do not qualify for BAA.**

***BAA available upon request**

PERFORMANCE

Source	Voltage (VAC) 50/60Hz	Input Current (A)	Wattage (W)	CCT	Lumens* (Lm) T2	T3	T5 (Clear / Diffused)
L1	120-277	.18 - .08	21	2,700K	3150	2960	3280 / 2470
				4,000K	3270	3130	3400 / 2760
				5,000K	3360	3210	4220 / 2820
L2	120-277	.33 - .14	40	2,700K	5830	5450	6040 / 4860
				4,000K	5940	5270	6250 / 5050
				5,000K	6160	5990	6500 / 5200
L3	347-480	.14 - .10	50	2,700K	6760	6400	7050 / 5690
				4,000K	6970	6450	7290 / 5880
				5,000K	6950	6520	7180 / 5880
L4	120-277	.50 - .21	60	2,700K	7600	7250	8060 / 6480
				4,000K	7990	7470	8380 / 6770
				5,000K	8110	7840	8510 / 7130
					*Nominal values		

T-Code Summary				
Ambient Operating (°C)	-40°C to 65°C			64°C
Optimal Operating (°C)	25°C			
	21W	40W	50W	60W
CID1	T6	T6	T6	T5
CID2	T4A	T4	T4A	T4
CIID1	T6	T6	T6	T5

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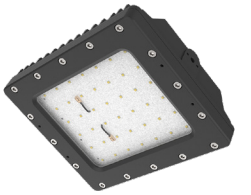
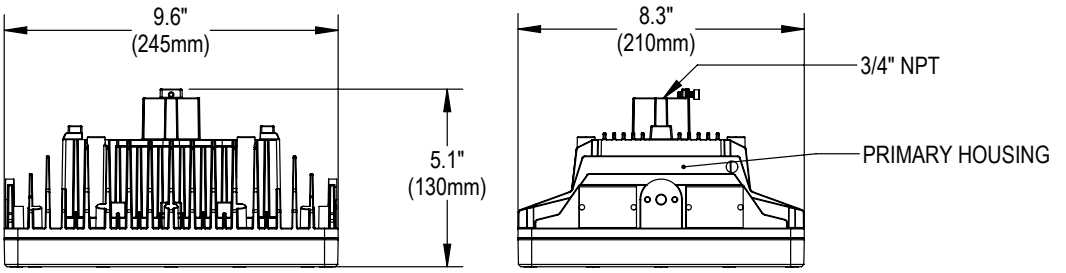
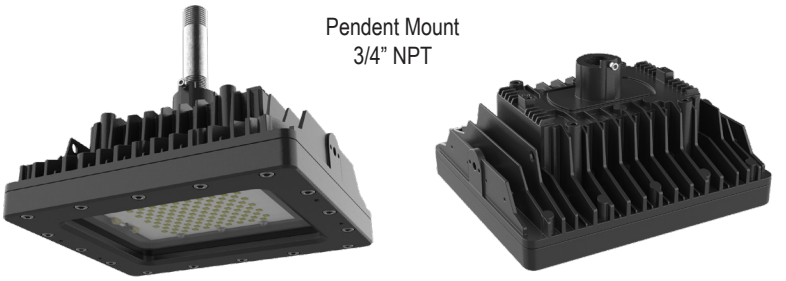
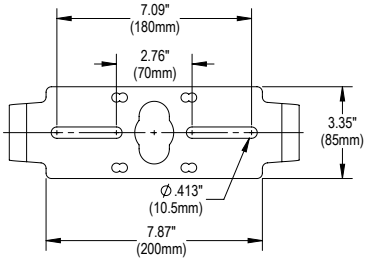
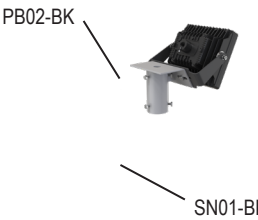


DIMENSIONS





ACCESSORIES - Field Installed (Order Separately)			
Part Number	**Description**		
PB02-BK	Yoke Mount Kit (Yoke Angle Adjustable) Includes aluminum yoke and mounting hardware		
WG04*	Wire Guard (Stainless Steel) Includes wire guard and (4) M4 screws		
SN01-BK*	Slip Fitter Mount Bracket (Powder Coated Black) Fits 2 3/8" (60mm) Outside Diameter Stanchion	 Note: PB02-BK is required if ordering SN01-BK	

*** Note: Stainless steel accessories not suitable for use in paint spray applications**

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