



Compact Fluorescent & LED
Emergency Lighting Systems

**EL/ELR
FACTORY-INSTALLED
BATTERY PACKS**

Available on all recessed compact fluorescent & LED downlighting luminaires

FEATURES

PERFORMANCE

- Operates 4-pin double twin-tube or triple-tube compact fluorescent lamps for 90 minutes. Also operates all Gotham LED luminaires.
- Protects against partial or isolated power outages. Provides excellent visibility for safe building evacuation.
- Fixture wires two ways: on night light circuit (permanently energized) or on switchable circuit (unswitched circuit to the battery pack and switched circuit to the fixture ballast). Battery pack will energize lamp during power outage.

BATTERY

- Sealed, maintenance-free, high-temperature nickel-cadmium battery, ensures long life over wide temperature ranges. Recharges in 24 hours. Automatic battery recharge after a 90-minute discharge.
- Polarized battery connector simplifies maintenance and prevents charger damage due to improper connection.
- Pilot light and test switch provide visual and manual means of monitoring system operation.

ELECTRONIC

- Constant-current series resistor-type charger. High-efficiency push-pull inverter provides most effective method of DC to AC conversion for maximum light output, battery life and reliability.

DIAGNOSTICS (SD OPTION)

- Single multi-chromatic status indicator and audible beep to display three-state charging, test activation and four-state diagnostic status. Audible beep can be permanently deactivated in the field.
- Test switch provides manual activation of 30-second diagnostic testing for on-demand visual inspection.
- Self-diagnostic testing for five minutes every 30 days and 30 minutes every six months.
- Diagnostic evaluation of AC to DC transfer, charging and battery condition.
- Continuously monitors AC functionality.
- Automatic testing is easily postponed for eight hours by activating manual test switch.

INSTALLATION

- Battery packs, pilot light and test switch are integral components of the luminaire, which optimize the ease and time required for job-site installation.
- REMOTE MOUNT TEST SWITCH: Standard wire length of test switch from factory is 3 feet. If additional length is required a factory modification must be requested. Wire length must be specified for factory modification. If field modified, the UL Listing and Gotham warranty will be void. Maximum possible wire length is 25 feet.

ORDERING INFORMATION

EXAMPLE: AF 2/26DTT 8AR MVOLT EL

Order factory-installed emergency lighting battery packs by adding an option listed below to your lighting fixture catalog number. Do not list your factory-installed emergency option as a separate order item.

Options^{2,5}

EL	Fixture equipped for one-lamp emergency operation. Pilot light and test switch are integral to luminaire. Minimum lamp starting temperature 0°C (32°F).	ELSD¹	Fixture equipped for one-lamp emergency operation. Pilot light and test switch are integral to luminaire. Includes self-diagnostic capabilities. Minimum lamp starting temperature 0°C (32°F).
ELR	Fixture equipped for one-lamp emergency operation. Pilot light and test switch are remote mounted. Minimum lamp starting temperature 0°C (32°F).	ELRSD¹	Fixture equipped for one-lamp emergency operation. Pilot light and test switch are remote mounted. Includes self-diagnostic capabilities. Minimum lamp starting temperature 0°C (32°F).
ELHL	Fixture equipped for one-lamp, high-lumen output emergency operation. Minimum lamp starting temperature 0°C (32°F).	ELRCW⁴	Fixture equipped for one-lamp emergency operation. Pilot light and test switch are remote mounted. Suitable for cold weather applications. Minimum lamp starting temperature -20°C (-4°F).
ELRHL³	Fixture equipped for one-lamp, high-lumen output emergency operation. Pilot light and test switch are remote mounted. Minimum lamp starting temperature 0°C (32°F).	ELRHLS¹	Fixture equipped for one-lamp, high-lumen emergency operation. Pilot light and test switch are remote mounted. Includes self-diagnostic capabilities. Minimum starting temperature 0°C (32°F).
ELHLS¹	Fixture equipped for one-lamp, high-lumen emergency operation. Pilot light and test switch are integral to luminaire. Includes self-diagnostic capabilities. Minimum starting temperature 0°C (32°F).		

NOTES

ORDERING NOTES

- Self-diagnostics (PSSD module) ships with luminaire. See PSSD Inverter Accessories specification sheet for details on self-diagnostics.
- Add 2LP to any suffix for 2-lamp operation. Ex. ELSD2LP (max. 32-watt).
- Add 2LP to ELRHL for 2-lamp operation. Ex. ELRHL2LP (max. 57-watt).
- Not available with 2LP option (max. 42-watt). Not available with dimming ballasts.
- Not available with 347V.

SPECIFICATIONS

AVAILABILITY / COMPATIBILITY – Dimensional Changes

Dimensional changes when EL/ELR is added to Compact Fluorescent downlights

Product	Add to overall housing length for EL/ELR option	Overall housing width with EL/ELR option
AFV/AFVW 4	6"	18"
AFV/AFVW 5	6"	
AFV/AFVW 6	6"	
AFV/AFVW 8	6"	
AF/AFW DTT 6,8	4 1/2"	
AF DTT 10	4 1/2"	
AF/AFW TRT 6	6"	
AF/AFW TRT 8	6"	
AF/AFW TRT 10	4 1/2"	
AFZ/AFZW	4 1/2"	
AFLP	6"	
LGF6	6"	
LGF8	6"	
LGF10	4 1/2"	
LGF1P	6"	
LGFV6	6"	
LGFV8	6"	
LGFV10	4 1/2"	
LAF11	7 1/2"	
LAF12	7 1/2"	
PDGF 8	6"	
PDGF 10	4 1/2"	
PDXF 6, 8	6"	
PDTF 6, 8	6"	
PDRGF	6"	
PDFLV	6"	
DLWF 6 & 8	6"	
SQF/SQFW 4	5"	
SQF/SQFW 6	4 1/2"	
ECSR/ECSRW	6"	
EVO/EVO WW	6"	
EVO LW	6"	
ICO	5"	

AVAILABILITY / COMPATIBILITY – Initial Lumens

Electronic Ballast (4-pin)			Initial Lumens				LED			Initial Lumens	
			EL/ELR ELSD/ELRSD ¹		ELHL/ELRHL ² ELHLS/ELRHLS						
Lamp Description	Lamp Base	Watts	1 Lamp	2 Lamp	1 Lamp	2 Lamp	Product	Lumens	Watts	EL/ELR	ELRHL
DTT Double Twin Tube	G24q-1	13W	580	635	600	675	ECSR 4" ^{1,4}	1000	30	161	661 ⁶
	G24q-2	18W	675	750	600	950	ECSR 6" ^{1,4}	1400	38	257	1053 ⁶
	G24q-3	26W	790	900	725	2600 ³	ECSS 4" ^{1,4}	900	30	163	669 ⁶
TRT Triple Tube	GX24q-1	13W	580	635	600	675	ECSS 6" ^{1,4}	1200	38	228	936 ⁶
	GX24q-2	18W	595	615	600	950	EVO 4" ^{1,5}	600	18	363	N/A
	GX24q-3	26W	412	749	725	2600 ³	EVO 4" ^{1,5}	1000	22	379	N/A
	GX24q-3	32W	657	1038	1050	2750 ³	EVO 4" ^{1,5}	1400	30	702	N/A
	GX24q-4	42W	948	N/A	1300	2800 ³	EVO 4" ^{1,5}	1800	38	731	N/A
	GX24q-5	57W	N/A	N/A	1160	2500 ³	EVO 6" ^{1,5}	1000	22	405	N/A
GX24q-6	70W	N/A	N/A	N/A	N/A	EVO 6" ^{1,5}	1400	30	736	N/A	
							EVO 6" ^{1,5}	1800	38	821	N/A
							EVO 6" ^{1,5}	2200	32	1078	N/A
							EVO 8" ^{1,5}	1800	38	783	N/A
							EVO 8" ^{1,5}	2200	44	1111	N/A
							EVO 8" ^{1,5}	2900	56	1195	N/A
							ICO 6" ^{1,5,7}	2000-6500	28-101	580	N/A

NOTES

CHART NOTES

- Lithonia PS1400
- Iota I-420
- Iota I-162; available with remote test switch only
- Lithonia PSDVL2
- Bodine BSL 17C-C2; available with remote test switch only
- Lithonia PSDVL3
- Operates 1 COB in emergency mode