

eLLK Series™ Fluorescent Non-metallic Luminaires

Cl. I, Div. 2, Groups B, C, D
Cl. I, Zone 1, Group IIC
Cl. II, Div. 1, Groups E, F, G
(Canada)
Cl. II, Div. 2, Groups F, G (US)
Cl. III, Simultaneous Presence

Wet Locations
3, 3R, 4, 4X; IP66
ATEX Certified

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Applications:

- eLLK Fixtures are used in hazardous areas where moisture or corrosion may be a problem
- Offshore oil platforms, pharmaceuticals, plants, oil refineries
- Where battery back-up is critical
- In non-hazardous and industrial locations

Features:

- IEC: Zone 1 and 2 areas
 - NEC/CEC: Zone 1, Division 2 areas
- Electronic Ballast:
- Operates at voltage range of 110–254 VAC ± 10%, 50–60 Hz
 - Wide ambient temperature range suitability -25°C to +55°C (eLLK92), -25°C to +50°C (eLLK92NIB)
 - Lamps operate independently – one lamp failure will not affect remaining lamp operation
 - Standard bi-pin lamps – most common lamp used in office environments; energy-efficient and cost effective
 - Interlocked switch – automatically cuts power to both lamps and ballast when the lens is opened
 - Removable lens – hinged on both sides for easy installation and maintenance
 - Dual entries– extra large wire well eliminates need for separate junction boxes (own with cable gland and conduit hub)
 - Corrosion-resistant construction - non-metallic body, gasketed lenses, and lens locking system for an IP66, NEMA 4X rating
- Battery Back-up Features:
- Operates one lamp for 1½ hours should power go out
 - Microprocessor monitors the charging functions of the battery
 - LEDs provide visual indication of battery life



Certifications and Compliances:

- NEC and CEC:
 - Class I, Division 2, Groups B, C, D
 - Class I, Zone 1, Group IIC
 - Class II, Division 1, Groups E, F, G (Canada)
 - Class II, Division 2, Groups F, G (US)
 - Class III, Simultaneous Presence (Cl. I and Cl. II)
- UL Standards:
 - 1598 Luminaires
- CSA Standards:
 - E79 Series
- ATEX Directive 94/9/EC:
 - Ex II 2 G Ex de IIC T4
 - Ex II 2 D Ex tD A21 IP66 T80°C
- EC-Type Examination Certificate:
 - BVS 09 ATEX E034
- GOST-R, GOST-K

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Ordering Information:

Cat. #	Description	Length & Lamp Type	Lamp Watt - 2 Lamp	Rated Voltage	Rated Current	Conduit Hub Size*	Comments
NEC (NOT ATEX CERTIFIED)							
1 2265 875 309	eLLK 92 2217 /U240 1/6 2 NPT 3/4"	2-foot T8 NEC	17W	120V-240V, 50-60 Hz, 120-230 DC	0.38-0.18A	2 ea. - 3/4" Myers hub	No through-feed
1 2265 875 310	eLLK 92 2217 /U240 1/6 2 NPT 1/2"	2-foot T8 NEC	17W	120V-240V, 50-60 Hz, 120-230 DC	0.38-0.18A	2 ea. - 1/2" Myers hub	No through-feed
1 2265 875 311	eLLK 92 2217 /U240 2/6 2 NPT 3/4"	2-foot T8 NEC	17W	120V-240V, 50-60 Hz, 120-230 DC	0.38-0.18A	4 ea. - 3/4" Myers hub	Through-feed
1 2266 875 309	eLLK 92 4232 /U240 1/6 2 NPT 3/4"	4-foot T8 NEC	32W	120V-240V, 50-60 Hz, 120-230 DC	0.7-0.34A	2 ea. - 3/4" Myers hub	No through-feed
1 2266 875 310	eLLK 92 4232 /U240 1/6 2 NPT 1/2"	4-foot T8 NEC	32W	120V-240V, 50-60 Hz, 120-230 DC	0.7-0.34A	2 ea. - 1/2" Myers hub	No through-feed
1 2266 875 311	eLLK 92 4232 /U240 2/6 2 NPT 3/4"	4-foot T8 NEC	32W	120V-240V, 50-60 Hz, 120-230 DC	0.7-0.34A	4 ea. - 3/4" Myers hub	Through-feed
1 2260 879 333	eLLK 92NIB 2217 /U120 2/6 2 NPT 3/4"	2-foot T8 NEC	17W (with battery)	120V, 50-60 Hz, 120-230 DC	0.38A	4 ea. - 3/4" Myers hub	Through-feed
1 2260 879 311	eLLK 92NIB 2217 /U240 2/6 2 NPT 3/4"	2-foot T8 NEC	17W (with battery)	240V, 50-60 Hz, 120-230 DC	0.18A	4 ea. - 3/4" Myers hub	Through-feed
1 2261 879 333	eLLK 92NIB 4232 /U120 2/6 2 NPT 3/4"	4-foot T8 NEC	32W (with battery)	120V, 50-60 Hz, 120-230 DC	0.7A	4 ea. - 3/4" Myers hub	Through-feed
1 2261 879 311	eLLK 92NIB 4232 /U240 2/6 2 NPT 3/4"	4-foot T8 NEC	32W (with battery)	240V, 50-60 Hz, 120-230 DC	0.34A	4 ea. - 3/4" Myers hub	Through-feed
IEC (ATEX CERTIFIED)							
1 2265 875 109	eLLK 92 018/18 1/6-1 M	2-foot T8 IEC	18W	120V-240V, 50-60 Hz	0.38-0.18A	2 ea. - 20mm metric	No through-feed
1 2265 875 111	eLLK 92 018/18 2/6-2 M	2-foot T8 IEC	18W	120V-240V, 50-60 Hz	0.38-0.18A	4 ea. - 20mm metric	Through-feed
1 2266 875 109	eLLK 92 036/36 1/6-1 M	4-foot T8 IEC	36W	120V-240V, 50-60 Hz	0.7-0.34A	2 ea. - 20mm metric	No through-feed
1 2266 875 111	eLLK 92 036/36 2/6-2 M	4-foot T8 IEC	36W	120V-240V, 50-60 Hz	0.7-0.34A	4 ea. - 20mm metric	Through-feed
1 2260 879 109	eLLK 92 018 /18NIB 1/6-1 M	2-foot T8 IEC	18W (with battery)	240V, 50-60 Hz	0.18A	2 ea. - 20mm metric	No through-feed
1 2260 879 111	eLLK 92 018 /18NIB 2/6-2 M	2-foot T8 IEC	18W (with battery)	240V, 50-60 Hz	0.18A	4 ea. - 20mm metric	Through-feed
1 2260 879 409	eLLK 92 018 /18NIB 1/6-1 M	2-foot T8 IEC	18W (with battery)	120V, 50-60 Hz	0.38A	2 ea. - 20mm metric	No through-feed
1 2260 879 411	eLLK 92 018 /18NIB 2/6-2 M	2-foot T8 IEC	18W (with battery)	120V, 50-60 Hz	0.38A	4 ea. - 20mm metric	Through-feed
1 2261 879 109	eLLK 92 036 /36NIB 1/6-1 M	4-foot T8 IEC	36W (with battery)	240V, 50-60 Hz	0.18A	2 ea. - 20mm metric	No through-feed
1 2261 879 111	eLLK 92 036 /36NIB 2/6-2 M	4-foot T8 IEC	36W (with battery)	240V, 50-60 Hz	0.18A	4 ea. - 20mm metric	Through-feed
1 2261 879 409	eLLK 92 036 /36NIB 1/6-1 M	4-foot T8 IEC	36W (with battery)	120V, 50-60 Hz	0.7A	2 ea. - 20mm metric	No through-feed
1 2261 879 411	eLLK 92 036 /36NIB 2/6-2 M	4-foot T8 IEC	36W (with battery)	120V, 50-60 Hz	0.7A	4 ea. - 20mm metric	Through-feed

*2 hubs provided. May be connected through-feed or tandem. Cable glands ordered separately for 3/4" (remove hubs) or M 25 openings (remove hubs).

Lamp Selection:

NEC LAMP

Type	17W	32W
Phillips	F17T8/TI841	F32T8/TL841
GE	F17T8/SPX41	F32T8/SPX41
Osram/Sylvania	F017/841	F032/841

IEC LAMP

Type	18W	36W
CEAG	3 2475 900 081	3 2475 900 002

Weights:

Watts	Weight
17W and 18W	4.6 Kg. (10 lb.)
17W and 18W (with battery)	10 Kg. (22 lb.)
32W and 36W	6.7 Kg. (14 lb.)
32W and 36W (with battery)	12 Kg. (26 lb.)

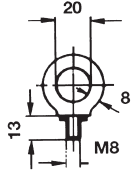
Crouse-Hinds
by **F.T.M.**

eLLK Series™ Fluorescent Non-metallic Luminaires

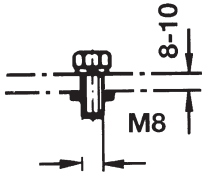
Accessories
Dimensions

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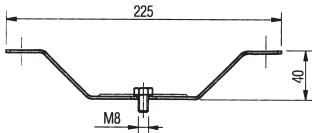
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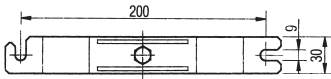
Eyebolt A2



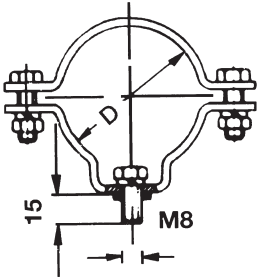
Hexagon Screw S4



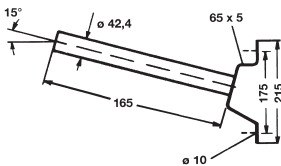
Ceiling Mounting Bracket D92



Ceiling Mounting Bracket D92



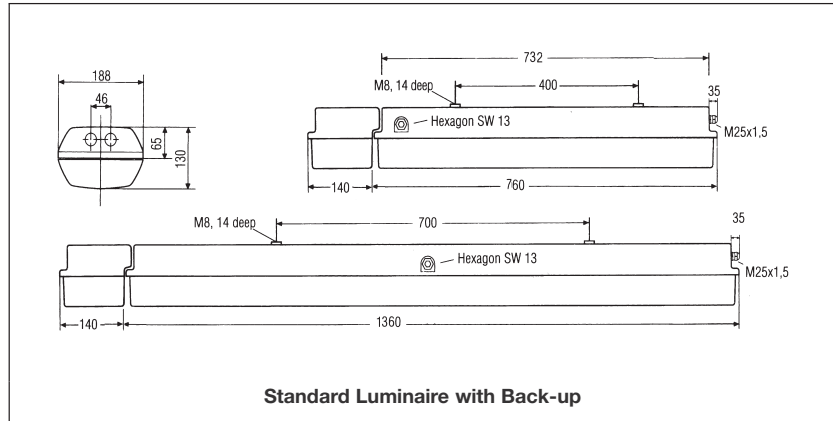
Pipe Clamp



Wall Bracket W27

Dimensions

In Millimeters:



Standard Luminaire with Back-up

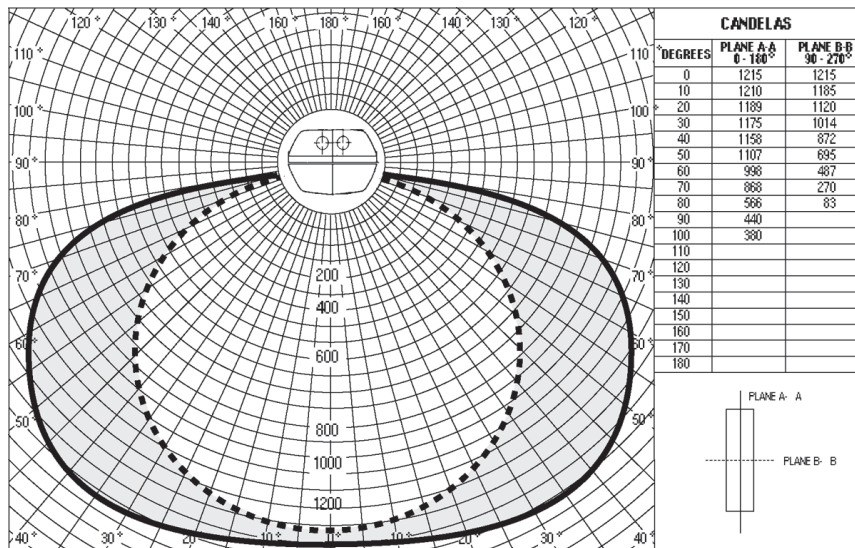
Type	Corrosion Protection	Pipe DIN	Outer Ø D (mm)	Quantity per Luminaire	Cat. #
Eyebolt A2	Galvanized	—	—	2	2 2480 002 000
Hexagon Screw S4	Stainless Steel	—	—	2	2 2480 054 000
Ceiling Mounting Bracket D92	Stainless Steel	—	—	2	2 2480 092 000
Pipe Clamp	R12 Hot Galvanized	1 1/4"	38–42	2	2 2480 462 000
	R14 CrNi	1 1/4"	38–42	2	2 2480 464 000
	R22 Hot Galvanized	1 1/2"	47–51	2	2 2480 472 000
	R32 Hot Galvanized	2"	56–60	2	2 2480 482 000
Hexagon Key SW13 eLLK 92	—	—	—	—	3 2485 000 005
Wall Bracket W27	Hot Galvanized	—	42.4	1	2 2483 027 000

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eLLK Series™ Fluorescent Non-metallic Luminaires

Photometric Data



Photometric data developed using two (2) F32T8 3350 lumen lamps.
For the 17W eLLK, use a 0.45 multiplier.

Coefficient of Utilization

Effective Floor Cavity Reflectance 20%

Eff. Ceil.	Wall	Work	Room Cavity Ratio								
			1	2	3	4	5	6	7	8	9
80*	70*	20*	41	49	55	61	65	70	74	77	80
	50*	20*	30	38	44	50	55	62	67	71	75
	30*	20*	23	30	36	43	48	55	61	65	70
	10*	20*	18	25	30	37	42	50	56	61	66
70*	70*	20*	40	47	53	58	62	68	71	74	77
	50*	20*	29	37	42	49	54	60	65	68	72
	30*	20*	22	30	35	42	47	54	59	64	68
	10*	20*	18	24	30	36	42	49	54	59	64
50*	50*	20*	27	35	40	46	50	56	61	64	68
	30*	20*	21	28	34	40	45	51	56	60	64
	10*	20*	17	24	29	35	40	47	52	57	61
30*	50*	20*	26	38	37	43	47	58	57	60	64
	30*	20*	20	27	32	38	43	49	53	57	61
	10*	20*	17	23	28	34	39	45	50	54	58
10*	50*	20*	24	31	35	41	45	50	54	57	60
	30*	20*	20	26	31	36	41	46	51	54	68
	10*	20*	16	22	27	33	37	43	48	52	55
0*	0*	20*	14	20	25	31	35	41	46	49	53

*Percent Reflectance.

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