



BALLAST LINE CURRENT DATA

PULSE START METAL HALIDE

Description	Tap	System Wattage	Starting Amperes	Operating Amperes
70-watt MH (HX-NPF)	120-volt	90	2.60	2.10
70-watt MH (HX-HPF)	120-volt	88	1.80	0.80
	277-volt	88	0.78	0.35
100-watt MH (HX-NPF)	120-volt	121	3.90	2.60
100-watt MH (HX-HPF)	120-volt	123	2.70	1.20
	277-volt	123	1.20	0.60
100-watt MH (HX-HPF)	120-volt	122	2.60	1.15
	208-volt	122	1.50	0.67
	240-volt	122	1.30	0.58
	277-volt	122	1.15	0.50
150-watt PSMH (HX-HPF)	120-volt	185	3.60	1.60
	208-volt	185	2.20	1.00
	240-volt	185	1.80	0.80
	277-volt	185	1.55	0.70
250-watt PSMH (CWA-HPF)	120-volt	277	1.90	2.40
	208-volt	277	1.10	1.40
	240-volt	277	1.00	1.20
	277-volt	277	0.90	1.10
320-watt PSMH (CWA-HPF)	120-volt	368	2.60	3.20
	208-volt	368	1.50	1.80
	240-volt	368	1.30	1.60
	277-volt	368	1.15	1.40
400-watt PSMH (CWA-HPF)	120-volt	450	3.50	4.00
	208-volt	450	2.00	2.30
	240-volt	450	1.75	2.00
	277-volt	450	1.50	1.75

PROBE START METAL HALIDE

Description	Tap	System Wattage	Starting Amperes	Operating Amperes
175-watt MH (CWA-HPF)	120-volt	210	1.60	1.80
	208-volt	210	0.90	1.10
	240-volt	210	0.80	0.90
	277-volt	210	0.70	0.80
250-watt MH (CWA-HPF)	120-volt	289	1.80	2.50
	208-volt	289	1.10	1.45
	240-volt	289	0.90	1.25
	277-volt	289	0.80	1.10
400-watt MH (CWA-HPF)	120-volt	455	2.80	4.00
	208-volt	455	1.60	2.30
	240-volt	455	1.40	2.00
	277-volt	455	1.20	1.75
1000-watt MH (CWA-HPF)	120-volt	1080	—	9.00
	208-volt	1080	—	5.20
	240-volt	1080	—	4.50
	277-volt	1080	—	3.90

Note: with 1000-watt fixtures, only operating amps should be used.



BALLAST LINE CURRENT DATA

HIGH PRESSURE SODIUM

Description	Tap	System Wattage	Starting Amperes	Operating Amperes
50-watt HPS (Reactor-NPF)	120-volt	62	1.65	1.18
70-watt HPS (Reactor-NPF)	120-volt	85	2.20	1.60
100-watt HPS (Reactor-NPF)	120-volt	118	3.15	2.10
150-watt HPS (Reactor-NPF)	120-volt	165	4.70	3.20
150-watt HPS (Reactor-HPF)	120-volt	165	2.50	1.50
150-watt HPS (HX-HPF)	120-volt	188	3.30	1.7
	208-volt	188	1.90	1.0
	240-volt	188	1.65	0.8
	277-volt	188	1.35	0.7
250-watt HPS (CWA-HPF)	120-volt	295	1.70	2.70
	208-volt	295	1.00	1.60
	240-volt	295	0.85	1.40
	277-volt	295	0.81	1.20
400-watt HPS (CWA-HPF)	120-volt	458	3.30	3.90
	208-volt	458	1.90	2.30
	240-volt	458	1.70	1.90
	277-volt	458	1.55	1.70

COMPACT FLUORESCENT

Description	Lamp	Tap	Input Power (watts)	Line Current Amps	Ballast Factor
13-watt: magnetic (26-watt fixtures)*	2-pin single tube	120-volt	16	0.14	—
42-watt: electronic	4-pin	120-volt	44	0.37	0.85
		208-volt	64	0.28	0.89
		240-volt	64	0.28	0.89
		277-volt	64	0.23	0.92
70-watt: electronic	4-pin	120-volt	70	0.57	0.85
		208-volt	69	0.30	0.98
		240-volt	69	0.30	0.98
		277-volt	72	0.26	0.87

*Amperage information for single ballast only.
E-conolight fixtures may contain more than one ballast.

LINEAR FLUORESCENT

Description	Tap	Input Power (watts)	Line Current Amps	Ballast Factor
32-watt 4 lamp T8	120-volt	148	1.30	1.18
	208-volt	148	0.71	1.18
	240-volt	148	0.62	1.18
	277-volt	145	0.55	1.18
32-watt 6 lamp T8	120-volt	222	1.98	1.18
	208-volt	222	1.07	1.18
	240-volt	222	0.92	1.18
	277-volt	218	0.82	1.18
32-watt 8 lamp T8	120-volt	296	2.60	1.18
	208-volt	296	1.42	1.18
	240-volt	296	1.23	1.18
	277-volt	290	1.10	1.18
54-watt 4 lamp T5HO	120-volt	240	2.00	1.0
	208-volt	236	1.14	1.0
	240-volt	234	0.98	1.0
	277-volt	234	0.86	1.0
54-watt 6 lamp T5HO	120-volt	360	3.00	1.0
	208-volt	354	1.71	1.0
	240-volt	351	1.47	1.0
	277-volt	351	1.29	1.0
54-watt 8 lamp T5HO	120-volt	480	4.00	1.0
	208-volt	480	2.31	1.0
	240-volt	480	2.00	1.0
	277-volt	468	1.72	1.0

Note: Fluorescent ballasts have a MAX THD of 10%.

Note: Specifications are subject to change without notice.

Consult factory for updated information or line amperes data when using an emergency ballast.



LED CURRENT DRAW INFORMATION

CEILING MOUNT LED

Finished Good #	Description	Del Lumens	Wattage	Color	CCT	CRI	System Wattage	I@120V / Amp	I@208V / Amp	I@240V / Amp	I@277V / Amp
E-CC2L03CW	Canopy White	1815	28W	CW	5600	65	33	0.29	0.17	0.14	0.12
E-CC2L02CW	Canopy White	1529	23W	CW	5600	65	28	0.25	0.14	0.12	0.11
E-CC2L03NW	Canopy White	1711	28W	NW	4100	80	33	0.29	0.17	0.14	0.12
E-CC2L03CZ	Canopy Bronze	1815	28W	CW	5600	65	33	0.29	0.17	0.14	0.12
E-CC2L02CZ	Canopy Bronze	1529	23W	CW	5600	65	28	0.25	0.14	0.12	0.11
E-CC2L03NZ	Canopy Bronze	1711	28W	NW	4100	80	33	0.29	0.17	0.14	0.12

ROUND BACK FLOODLIGHT LED

Finished Good #	Description	Del Lumens	Wattage	Color	CCT	CRI	System Wattage	I@120V / Amp	I@208V / Amp	I@240V / Amp	I@277V / Amp
E-HL2F06C2Z	Flood 1/2" Mount	3279	56W	CW	5600	65	66	0.57	0.33	0.29	0.25
E-HL2F05C2Z	Flood 1/2" Mount	2761	46W	CW	5600	65	56	0.49	0.29	0.25	0.21
E-HL2F06N2Z	Flood 1/2" Mount	3092	56W	NW	4100	80	66	0.57	0.33	0.29	0.25

ROUND BACK SPOT LIGHT LED

Finished Good #	Description	Del Lumens	Wattage	Color	CCT	CRI	System Wattage	I@120V / Amp	I@208V / Amp	I@240V / Amp	I@277V / Amp
E-HL2S06C2Z	Spot 1/2" Mount	3279	56W	CW	5600	65	66	0.57	0.33	0.29	0.25
E-HL2S05C2Z	Spot 1/2" Mount	2761	46W	CW	5600	65	56	0.49	0.29	0.25	0.21
E-HL2S06N2Z	Spot 1/2" Mount	3092	56W	NW	4100	80	66	0.57	0.33	0.29	0.25

DIRECTIONAL FLOODLIGHT LED

Finished Good #	Description	Del Lumens	Wattage	Color	CCT	CRI	System Wattage	I@120V / Amp	I@208V / Amp	I@240V / Amp	I@277V / Amp
E-GL2F03C2K	Bullet Flood	1701	28W	CW	5600	65	33	0.29	0.17	0.14	0.12
E-GL2F02C2K	Bullet Flood	1431	23W	CW	5600	65	28	0.25	0.14	0.12	0.11
E-GL2F03N2K	Bullet Flood	1604	28W	NW	4100	80	33	0.29	0.17	0.14	0.12

DIRECTIONAL SPOT LIGHT LED

Finished Good #	Description	Del Lumens	Wattage	Color	CCT	CRI	System Wattage	I@120V / Amp	I@208V / Amp	I@240V / Amp	I@277V / Amp
E-GL2S03C2K	Bullet Spot	1701	28W	CW	5600	65	33	0.29	0.17	0.14	0.12
E-GL2S02C2K	Bullet Spot	1431	23W	CW	5600	65	28	0.25	0.14	0.12	0.11
E-GL2S03N2K	Bullet Spot	1604	28W	NW	4100	80	33	0.29	0.17	0.14	0.12

WALL PACK LED

Finished Good #	Description	Del Lumens	Wattage	Color	CCT	CRI	System Wattage	I@120V / Amp	I@208V / Amp	I@240V / Amp	I@277V / Amp
E-WP2L03CZ	Wall Pack	1830	28W	CW	5600	65	33	0.29	0.17	0.14	0.12
E-WP2L02CZ	Wall Pack	1538	23W	CW	5600	65	28	0.25	0.14	0.12	0.11
E-WP2L03NZ	Wall Pack	1726	28W	NW	4100	80	33	0.29	0.17	0.14	0.12