



BALLAST LINE CURRENT DATA PULSE START METAL HALIDE

High Power Factor

Normal Power Factor

Voltage	System Wattage	Starting Amperes	Operating Amperes	System Wattage	Starting Amperes	Operating Amperes
50W PSMH						
120V	68	1.20	0.60	70	2.40	1.50
208V	68	0.65	0.35	70	1.25	0.85
240V	68	0.60	0.30	70	1.00	0.75
277V	68	0.50	0.25	70	0.80	0.65
70W PSMH						
120V	90	1.70	0.80	90	2.60	2.10
208V	90	0.95	0.45	90	1.50	1.20
240V	90	0.85	0.40	90	1.25	1.00
277V	90	0.70	0.35	90	1.10	0.85
100W PSMH						
120V	127	2.60	1.10	127	4.00	3.00
208V	127	1.50	0.65	127	2.30	1.50
240V	127	1.30	0.55	127	2.00	1.35
277V	127	1.20	0.50	127	1.75	1.30
150W PSMH						
120V	190	1.40	1.70			
208V	190	0.80	1.00			
240V	190	0.70	0.85			
277V	190	0.60	0.75			
250W PSMH						
120V	288	1.40	2.50			
208V	288	0.80	1.45			
240V	288	0.70	1.25			
277V	288	0.60	1.10			
320W PSMH						
120V	368	2.60	3.20			
208V	368	1.50	1.80			
240V	368	1.30	1.60			
277V	368	1.15	1.40			
400W PSMH						
120V	450	3.50	4.00			
208V	450	2.00	2.30			
240V	450	1.75	2.00			
277V	450	1.50	1.75			



BALLAST LINE CURRENT DATA METAL HALIDE, ELECTRONIC METAL HALIDE

METAL HALIDE

High Power Factor

Voltage	System Wattage	Starting Amperes	Operating Amperes
175W MH			
120V	210	1.60	1.80
208V	210	0.90	1.10
240V	210	0.80	0.90
277V	210	0.70	0.80
250W MH			
120V	289	1.80	2.50
208V	289	1.10	1.45
240V	289	0.90	1.25
277V	289	0.80	1.10
400W MH			
120V	455	2.80	4.00
208V	455	1.60	2.30
240V	455	1.40	2.00
277V	455	1.20	1.75
1000W MH			
120V	1080	6.00	9.00
208V	1080	3.50	5.20
240V	1080	3.00	4.50
277V	1080	2.60	3.90

ELECTRONIC METAL HALIDE

Voltage	System Wattage	Operating Amperes
35W MH		
120V	45	0.40
277V	44	0.20
70W MH		
120V	82	0.70
277V	81	0.30
100W MH		
120V	112	0.90
277V	110	0.40



BALLAST LINE CURRENT DATA HIGH PRESSURE SODIUM

High Power Factor

Normal Power Factor

Voltage	System Wattage	Starting Amperes	Operating Amperes	System Wattage	Starting Amperes	Operating Amperes
50W HPS						
120V	62	1.00	0.60	62	1.80	1.20
208V	79	0.85	0.45	78	1.35	0.90
240V	79	0.70	0.40	78	1.15	0.80
277V	79	0.60	0.40	78	1.00	0.70
70W HPS						
120V	86	1.30	0.80	86	2.10	1.75
208V	96	0.90	0.55	99	1.50	1.10
240V	105	0.80	0.50	99	1.30	0.95
277V	105	0.70	0.45	99	1.10	0.90
100W HPS						
120V	115	1.80	1.10	115	3.10	2.15
208V	130	1.30	0.70	130	1.80	1.30
240V	130	1.10	0.60	130	1.60	1.15
277V	130	1.00	0.60	130	1.85	1.60
150W HPS						
120V	170	2.40	1.55	170	4.50	3.30
208V	188	1.60	1.00	188	2.90	1.85
240V	188	1.40	0.85	188	2.50	1.65
277V	188	1.30	0.80	188	2.55	2.00
250W HPS						
120V	300	1.75	2.50			
208V	300	1.00	1.50			
240V	300	0.85	1.30			
277V	300	0.75	1.10			
400W HPS						
120V	460	3.30	3.80			
208V	460	1.90	2.20			
240V	460	1.65	1.90			
277V	460	1.40	1.70			



BALLAST LINE CURRENT DATA LINEAR, COMPACT & 2D FLUORESCENT

LINEAR FLUORESCENT

Voltage	Input Power (Watts)	Line Current (Amps)	Ballast Factor
32W T8 2-Lamp			
120V	74	0.62	1.18
208V*	74	0.36	1.18
240V*	73	0.30	1.18
277V	73	0.27	1.18
32W T8 4-Lamp			
120V	151	1.36	1.18
208V*	149	0.72	1.18
240V*	148	0.62	1.18
277V	147	0.59	1.18
32W T8 6-Lamp			
120V	222	1.84	1.18
208V*	221	1.06	1.18
240V*	220	0.92	1.18
277V	218	0.80	1.18
32W T8 8-Lamp			
120V	302	2.72	1.18
208V*	298	1.44	1.18
240V*	296	1.24	1.18
277V	294	1.18	1.18
54W T5HO 2-Lamp			
120V	120	1.00	1.00
208V*	119	0.57	1.00
240V*	117	0.49	1.00
277V	117	0.43	1.00
54W T5HO 4-Lamp			
120V	241	2.00	1.00
208V*	240	1.15	1.00
240V*	238	0.99	1.00
277V	236	0.85	1.00
54W T5HO 6-Lamp			
120V	361	3.00	1.00
208V*	359	1.73	1.00
240V*	356	1.48	1.00
277V	353	1.28	1.00
54W T5HO 8-Lamp			
120V	482	4.00	1.00
208V*	480	2.30	1.00
240V*	476	1.98	1.00
277V	472	1.70	1.00

* Estimated values

COMPACT FLUORESCENT

Voltage	System Wattage	Starting Amperes	Operating Amperes
13W Magnetic (26-Watt Fixtures)*			
120V	16	0.36	0.14
277V	24	0.30	0.10
26W Electronic			
120V	26	-	0.22
277V	26	-	0.09
32W Electronic			
120V	36	-	0.30
277V	36	-	0.13
42W Electronic			
120V	47	-	0.39
277V	47	-	0.17
57W Electronic			
120V	59	-	0.50
277V	59	-	0.21
70W Electronic			
120V	75	-	0.63
277V	75	-	0.27

* Amperage information for single ballast.

E-conolight fixtures may contain more than one ballast.

2D FLUORESCENT

Voltage	System Wattage	Operating Amperes
21W (120V or 277V)		
120V	22	0.17
277V	21	0.08
28W (120V or 277V)		
120V	30	0.21
277V	28	0.10
38W (120V or 277V)		
120V	42	0.31
277V	38	0.14
28W (120-277V)		
120-277V	28	0.11/0.24
38W (120-277V)		
120-277V	38	0.33/0.14



BALLAST LINE CURRENT DATA LED

Voltage	System Wattage	Operating Amperes
E-A6NL Series		
120V	21	0.17
E-BP1L Series		
120V	28	0.24
208V	28	0.14
240V	28	0.12
277V	28	0.11
E-CF2L Series		
120V	16	0.13
208V	16	0.08
240V	16	0.07
277V	16	0.07
E-CC3L Series		
120V	42	0.34
208V	42	0.21
240V	42	0.17
277V	42	0.15
E-CC4L Series		
120V	36	0.31
277V	36	0.14
E-CP2L03 Series		
120V	30	0.24
208V	30	0.15
240V	30	0.13
277V	30	0.12
E-CP2L04 Series		
120V	42	0.35
208V	42	0.21
240V	42	0.18
277V	42	0.16
E-DD1L Series		
120V	35	0.30
277V	35	0.25
E-GL1 Series		
120V	42	0.34
208V	42	0.21
240V	42	0.17
277V	42	0.15

Voltage	System Wattage	Operating Amperes
E-GL3L Series		
120V	8	0.12
208V	9	0.09
240V	9	0.08
277V	9	0.07
E-GL4 Series		
120V	36	0.31
277V	36	0.14
E-HL1 Series		
120V	83	0.68
208V	83	0.40
240V	83	0.34
277V	83	0.30
E-HL4 Series		
120V	166	1.36
208V	166	0.80
240V	166	0.68
277V	166	0.60
E-HL5 Series		
120V	72	0.61
277V	72	0.28
E-HL6 Series		
120V	144	1.22
277V	144	0.56
E-PG1L Series		
120V	77	0.65
208V	77	0.38
240V	77	0.33
277V	77	0.30
E-S11L Series (10W)		
120V	14	0.080
208V	14	0.048
240V	14	0.042
277V	14	0.036
E-S12L Series (16W)		
120V	16	0.14
208V	16	0.08
240V	16	0.07
277V	16	0.06



BALLAST LINE CURRENT DATA LED

Voltage	System Wattage	Operating Amperes
E-S13L Series (30W)		
120V	30	0.25
208V	30	0.15
240V	30	0.13
277V	30	0.11
E-S21L Series (14W)		
120V	14	0.12
208V	14	0.07
240V	14	0.06
277V	14	0.05
E-S22L Series (30W)		
120V	30	0.25
208V	30	0.15
240V	30	0.13
277V	30	0.11
E-S23L Series (34W)		
120V	34	0.29
208V	34	0.17
240V	34	0.15
277V	34	0.13
E-T6A Series		
120V	16	0.14
E-T6B Series		
120V	14	0.11
E-TR22 Series		
120V	37	0.32
208V	37	0.19
240V	37	0.16
277V	37	0.14
E-TR24 Series		
120V	50	0.43
208V	51	0.26
240V	52	0.23
277V	53	0.20

Voltage	System Wattage	Operating Amperes
E-WP1L Series		
120V	42	0.34
208V	42	0.21
240V	42	0.17
277V	42	0.15
E-WP1X Series		
120V	27	0.23
E-WP4L Series		
120V	83	0.68
208V	83	0.40
240V	83	0.34
277V	83	0.30
E-WP6L Series		
120V	36	0.31
277V	36	0.14
E-WP7L Series		
120V	72	0.61
277V	72	0.28
E-WW1X01 Series		
120V	14	0.11
E-WW1X02 Series		
120V	21	0.17