

Proper Power Supply Loading for Everbrite MedLux Fixtures

120VAC 20A Breaker – Safe maximum continuous 16A

Fixture	Voltage	Current	Total Units	Comment
XLS-2.0	120VAC	0.7A	23	
XLS-3.0	120VAC	0.21A (0.35A)	46	0.35A in-rush

ELT-600-48U / 48VDC 11.3A maximum (90% loading)

Fixture	Voltage	Current	Total Units	Comment
HBTSF22	48VDC	0.94A	12	One fused feed
HBTSF24	48VDC	0.94A x 2	6	Two fused feeds
GC4SF22	48VDC	0.22A	48*	One fused feed
GC4SF24	48VDC	0.45A	24*	One fused feed
GC4SF44	48VDC	0.88A	12*	One fused feed

*12 feeds max. per Fuse Box, Fuse Boxes can be ganged off a single filtered ELT-600-48U.

Non-MRI 48VDC / Master-Satellite – 48VDC 1.834A maximum (90% loading)

Fixture	Voltage	Current	Total Units	Comment
GC4SN22	48VDC*	0.22A	1 Master 7 Satellites	
GC4SN24	48VDC*	0.45A	1 Master 3 Satellites	
GC4SN44	48VDC*	0.88A	1 Master 1 Satellite	

*Master fixture receives 120V-277VAC and supplies 48VDC to itself and Satellites.

ELT-600-24U / 24VDC 22.5A maximum (90% loading)

ECL-35x-xx Fuse Box – 1-12 outputs at 24VDC 3.33A maximum

Fixture	Voltage	Current	Total Units	Comment
CCT22	12VDC	1.15A	18	One fused feed
CCT24	12VDC	2.3A	9	One fused feed
CCT44	12VDC	2.3A x 2	4	Two fused feeds
MCL-xxx-06	12VDC	0.063A	180' total mix	26' max per feed
MCL-xxx-12	12VDC	0.125A	180' total mix	26' max per feed
MCL-xxx-18	12VDC	0.188A	180' total mix	26' max per feed
MCL-xxx-36	12VDC	0.375A	180' total mix	26' max per feed
MCL-xxx-48	12VDC	0.5A	180' total mix	26' max per feed
MCL-xxx-72	12VDC	0.75	180' total mix	26' max per feed

*12 feeds max. per Fuse Box, Fuse Boxes can be ganged off a single filtered ELT-600-48U.

ELT-600-48U / 48VDC 11.3A maximum (90% loading)

Wall GPI Fixture	Size	Current	Total Feeds	Total Units
GW14021	4' x 2'	1.0A	1	11
GW14031	4' x 3'	1.4A	2	8
GW14041	4' x 4'	2.0A	2	5
GW14051	4' x 5'	2.4A	3	4
GW14061	4' x 6'	2.8A	3	4
GW14071	4' x 7'	3.4A	4	3
GW14081	4' x 8'	3.9A	4	2
GW14091	4' x 9'	4.3A	5	2