

Appleton™ LED Luminaires Selection Guide

NEC/CEC Hazardous Location

Product	Application	Lumen Output	Equivalency	Wattage	Efficacy	Voltage	CCT/CRI
Classifications: Class I, Division 2, Groups A, B, C, D; Class II, Division I, Groups E, F, G; Class I, Zone 2							
Contender™ LED							
	Task	3,000–5,500	70W–175W HID	27W–50W	125	120–277 Vac; 125–300 Vdc 347–480 Vac	5000K/70
Mercmaster™ LED Low Profile							
	Task	2,800–5,500	70W–175W HID	27W–50W	125	120–277 Vac; 125–300 Vdc 347–480 Vac	3000K/70, 4000K/70, 5000K/70
Mercmaster LED Generation 3							
	Task, Highbay	2,600–19,900	70W–600W HID	30W–145W	160	120–277 Vac; 170–300 Vdc 347–480 Vac	3000K/80, 4000K/80, 5000K/70
Areamaster™ LED Generation 2 and High Lumen							
	Floodlight	9,500–38,000	175W–1500W HID	68W–317W	140	120–277 Vac; 170–300 Vdc 347–480 Vac	3000K/80, 5000K/70
Baymaster™ LED and High Lumen							
	Highbay	8,700–39,000	175W–1500W HID	68W–317W	140	120–277 Vac; 170–300 Vdc 347–480 Vac	3000K/80, 5000K/70
Viamaster™ LED (Class II, Division 2, Groups F, G)							
	Linear, Emergency	1,800–7,800	1x18W–3x58W Fluorescent	22W–81W	100	120–277 Vac, 347–480 Vac	5650K/70
Classifications: Class I, Division 2, Groups A, B, C, D; Class I, Zone 2							
N2LED							
	Emergency	130–516	N/A	1.5W–6W	N/A	120–277 Vac	5000K/70
Classifications: Class I, Division 1, Groups A, B, C, D; Class II, Division 1, Groups E, F, G; Class I, Zone 2							
A-51™ LED (Version for Groups A, B, C, D and another version for Groups C, D)							
	Task	1,600–3,200	100W–300W Incandescent	13W–27W	134	120–277 Vac; 100–300 Vdc	3000K/80, 5000K/80
Code • Master™ LED (Groups B, C, D only)							
	Task, Highbay	2,100–19,300	70W–750W HID	32W–157W	131	120–277 Vac; 125–300 Vdc 347–480 Vac	5000K/70
Code • Master Junior LED Factory Sealed							
	Task	1,700–3,200	50W–100W HID	13W–27W	131	120–277 Vac; 100–300 Vdc	3000K/80, 5000K/70

APPLETON™







For product information:
www.masteringled.com
1.800.621.1506



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ATEX/IECEx Hazardous Location

Product	Application	Lumen Output	Equivalency	Wattage	Efficacy	Voltage	CCT/CRI
Classifications: Zone 1, 2, 21, 22							
Mercmaster LED Generation 3							
	Task, Highbay	3,500–18,000	70W–600W HID	30W–140W	160	120–277 Vac; 170–300 Vdc	3000K/80, 4000K/80, 5000K/70
Areaster LED Generation 2 and High Lumen							
	Floodlight	9,000–36,000	175W–1500W HID	65W–277W	141	120–277 Vac; 170–300 Vdc	3000K/80, 4000K/80, 5000K/70
Baymaster LED and High Lumen							
	Highbay	9,000–36,000	175W–1500W HID	65W–277W	140	120–277 Vac; 170–300 Vdc	3000K/80, 4000K/80, 5000K/70
FELED							
	Linear, Emergency	2,500–7,050	1x18W–2x36W Linear fluorescent	27W–63W	122	100–240 Vac	4000K/80, 5000K/70
FDLED							
	Linear, Emergency	400–4,725	1x18W–2x36W Linear fluorescent	6W–46W	103	110–254 Vac; 48/110/220 Vdc	5650K/70
FDBAES LED							
	Escape Only	540/55	N/A	5W	110	230 Vac	5650K/70
DEMULED							
	Escape Only	540/55	N/A	5W	110	230 Vac	5650K/70
Classifications: Zone 2, 21, 22							
Mercmaster LED Low Profile							
	Task	2,800–5,500	70W–175W HID	27W–50W	125	120–277 Vac; 125–300 Vdc	5000K/70 4000K/70 3000K/70
Viamaster™ LED							
	Linear, Emergency	2,200–7,800	1x18W–3x58W Fluorescent	22W–81W	100	120–277 Vac	5650K/70
FNESLED							
	Escape Only	540/55	N/A	5W	110	230 Vac	5650K/70