

Appleton™ LED Luminaires Selection Guide

ATEX/IECEx Hazardous Location

Product	Application	Lumen Output	Equivalency	Wattage	Efficacy	Voltage	CCT/CRI
Classifications: Zone 1, 21 or Zone 2, 21							
Areamaster Generation 2 LED (Zone 1, 21: AMLZ, AMHZ; Zone 2, 21: AMLG, AMLH)							
	Floodlight	9,000 - 38,000	175W - 1500W HID	70W - 291W	141	120 - 277 Vac; 125 - 300 Vdc	3000K/80 4000K/80 5000K/70
Baymaster LED (Zone 1, 21: BLZ, BHZ; Zone 2, 21: BLL, BHL)							
	Highbay	9,000 - 38,000	175W - 1500W HID	70W - 291W	141	120 - 277 Vac; 125 - 300 Vdc	3000K/80 4000K/80 5000K/70
FELED							
	Linear, Emergency	3,000 - 7,200	1x18W - 3x58W Linear Fluorescent	31W - 75W	106	120 - 277 Vac; 125 - 300 Vdc	4000K/80 5000K/70
FDLED							
	Linear, Emergency	400-4,725	1x18W-2x36W Linear fluorescent	6W-46W	103	110-254 Vac; 48/110/220 Vdc	5000K/70
Mercmaster Generation 3 LED (Zone 1, 21: MGZ; Zone 2, 21: MLG, MLGH)							
	Task, High Ambient	2,600 - 26,000	70W - 1000W HID	30W - 210W	160	120 - 277 Vac; 125 - 300 Vdc	3000K/80 4000K/80 5000K/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							
FNLED							
	Linear, Emergency	3,000 - 7,200	1x18W - 3x58W Linear Fluorescent	31W - 75W	106	120 - 277 Vac; 125 - 300 Vdc	4000K/80 5000K/70
Viamaster™ LED (LLEDA)							
	Linear, Emergency	2,200-7,800	1x18W-3x58W Fluorescent	22W-81W	100	120-277 Vac	5650K/70
Mercmaster LED Low Profile (MLLED)							
	Task	2,800-5,500	70W-175W HID	27W-50W	125	120-277 Vac; 125-300 Vdc	3000K/80 4000K/80 5000K/70
FNESLED							
	Escape Only	540/55	N/A	5W	110	230 Vac	5650K/70

APPLETON™

For product information:
www.masteringled.com
1.800.621.1506



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NEC/CEC and ATEX/IECEX Hazardous Location

Product	Application	Lumen Output	Equivalency	Wattage	Efficacy	Voltage	CCT/CRI
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NEC/CEC Classifications: Class I, Division 2, Groups A, B, C, D; Class II, Division I, Groups E, F, G;
Class I, Zone 2 AEX/EX ec IIC; Zone 21 Ex tb IIIC; Class III

ATEX/IECEX Classifications: Zone 2, 21, 22

Areamaster™ LED Generation 2 and High Lumen							
	Floodlight	9,500–38,000	175W–1500W HID	68W–317W	140	120–277 Vac; 125–300 Vdc 347–480 Vac	3000K/80, 4000K/80, 5000K/70
Baymaster™ LED and High Lumen							
	Highbay	8,700–39,000	175W–1500W HID	68W–317W	140	120–277 Vac; 125–300 Vdc 347–480 Vac	3000K/80, 4000K/80, 5000K/70

NEC/CEC Classifications: Class I, Division 2, Groups A, B, C, D; Class II, Division I, Groups E, F, G; Class I, Zone 2
AEX/EX ec IIC; Zone 21 Ex tb IIIC; Class III

ATEX/IECEX Classifications: Zone 2, 21, 22

Mercmaster LED Generation 3							
	Task, High Ambient	2,600–26,000	70W–1000W HID	30W–210W	149	120–277 Vac; 125–300 Vdc 347–480 Vac	3000K/80, 4000K/80, 5000K/70
Mercmaster LED Low Profile							
	Task, High Ambient	2,800–5,500	70W–175W HID	27W–50W	125	120–277 Vac; 125–300 Vdc 347–480Vac	3000K/70, 4000K/70, 5000K/70