

# Appleton™ LED Luminaires Selection Guide


## NEC/CEC Hazardous Location

Product	Application	Lumen Output	Equivalency	Wattage	Efficacy	Voltage	CCT/CRI
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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	3000K/70 4000K/70 5000K/70
Mercmaster LED Generation 3							
	Task, Emergency	2,600 - 5,500	70W–175W HID	30W–50W	133	120–277 Vac	3000K/80, 4000K/80, 5000K/70
Mercmaster LED Low Profile							
	Task, Emergency	2,800 - 5,500	70W–175W HID	28W–50W	133	120–277 Vac	3000K/80, 4000K/80, 5000K/70
Rigmaster™ LED Series Luminaires ①							
	Linear, Emergency	4300 – 7600	2x32W–3x32W Fluorescent	33W–55W	130	120–277 Vac; 125–300 Vdc 347–480 Vac	3000K/80, 4000K/80, 5000K/80
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 and 2, Groups C, D

EHLED Handlamp							
	Task	800	60W – 100W Incandescent	≤9 Watts	N/A	120 Vac 50/60Hz	N/A

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	100W–750W HID	32W–157W	131	120–277 Vac; 125–300 Vdc 347–480 Vac	4000K/80 3000K/80 5000K/70
Code • Master Jr. LED Factory Sealed (Groups B, C, D only)							
	Task	1,600 – 5,150	50-150W HID	13W-49W	123	120–277 Vac; 125-300 Vdc	3000K/80, 5000K/70
Explosionproof Rigmaster LED Series Luminaires							
	Linear, Emergency	4300 – 7600	2x32W–3x32W Fluorescent	33W–55W	130	120–277 Vac; 125–300 Vdc 347–480 Vac	3000K/80, 4000K/80, 5000K/80

① Class II Division 1 certification is in progress. Consult Rigmaster LED catalog pages for complete and latest list of classifications

For product information:  
[www.masteringled.com](http://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