APPLETON LED LUMINAIRES SELECTION CHART

Each application deserves a tailored lighting solution. Our broad range of reliable and energy efficient LED lighting products deliver superior light distribution and maximize usable light in ordinary, harsh industrial or hazardous environments.

Lighting Application	LED Lighting Product Series	NEC/CEC Certifications														ATEX/IECEx Certifications								Nominal Lumen Outputs															CCT (Color Temperature)			NEMA Light Distribution								Voltage							
		Class I						Class II																																																			
		Division 1	Division 2	Zone 1	Zone 2	Class I, Division 1, Zone 1	Class I, Division 2, Zone 2	Division 1	Division 2	Zone 20	Zone 21	Zone 22	Class II, Division 1, Zone 21	Class II, Division 2, Zone 22	Class III	Zone 1	Zone 2	Zone 21	Zone 22	Emergency Battery Backup	Ordinary Location	Trade Agreement Act (TAA)	55 - 550	1500 - 2500	2500 - 3500	3500 - 4500	4500 - 5500	7000 - 8000	9000 - 10000	11000 - 12000	13000 - 14000	15000 - 17000	18000 - 20000	22000 - 26000	28000 - 30000	35000 - 38000	50000	60000	75000	90000	5000K+	4000K	3000K	Type V	Type V Wide	Type V Narrow	Type V Very Narrow	Type III	Type I	7x6	7x7	5X5	3X3	120 Vac	110–254 Vac	120–277 Vac	230 Vac	277 Vac	347–480 Vac	48/110/220 Vdc	100–300 Vdc	125–300 Vdc
Area / Task	Mercmaster™ Connect LED		●		●		ABCD/IIC		●			●	FG/IIIC	FG	●		●	●	●		●	●					●③		●③		●③									●	●	●	●	●			●	●							●				●
	Mercmaster™ LED Generation 3		●		●		ABCD/IIC	●	●		●	●	EFG/IIIC	FG/IIIB	●		●	●	●	●①	●	●			●	●	●	●	●	●	●	●	●							●	●	●	●	●			●	●							●				●
	Mercmaster™ LED Generation 3 Zone 1			●	●	IIC	IIC				●	●	IIIC	IIIB		●	●	●	●		●	●				●	●	●	●	●	●	●									●	●	●	●	●			●	●							●				●
	Mercmaster™ LED Low Profile		●		●		ABCD/IIC	●	●	●	●	●	EFG/IIIC	FG	●		●	●	●	●①	●	●			●	●	●													●	●	●	●												●				●
	Contender™ LED ①		●		●		ABCD/IIC	●	●		●	●	EFG/IIIC	FG/IIIB	●						●	●			●	●	●													●			●													●				●
	Code • Master™ LED ①	●	●	●	●	BCD/IIB+H2	BCD	●	●				EFG	FG	●						●	●		●	●	●	●	●	●	●	●	●								●	●	●	●	●												●				●
	Code • Master™ Jr. LED ①	●	●	●	●	BCD/IIB+H2	BCD	●					EFG	FG	●						●	●		●	●	●	●													●		●	●												●			●	
	A-51™ LED | Group A, B, C, D ①	●	●	●	●	ABCD	ABCD	●					FG	FG	●						●	●		●	●															●		●	●														●	
	A-51™ LED | Group C, D ①	●	●	●	●	CD	CD	●					FG	FG	●						●	●		●	●															●		●	●														●	
	Industrial Mercmaster™ Connect LED ①																				●	●																																				●
	Industrial Mercmaster™ LED Generation 3																			●①	●	●			●	●	●	●	●	●	●	●	●	●							●	●	●	●	●			●	●							●				●
	Industrial Mercmaster™ LED Low Profile																			●①	●	●			●	●	●													●	●	●	●												●				●
	Industrial Contender™ LED ①																				●	●			●	●	●													●			●												●				●
Linear	Rigmaster™ LED ①		●		●		ABCD/IIC	●	●	●	●	●	EFG/IIIC	FG/IIIB	●					●	●	●				●	●	●												●	●	●					●								●				●
	Explosionproof Rigmaster™ LED ①	●	●	●	●	CD/IIB	CD/IIB	●	●		●	●	EFG/IIIC	FG/IIIB	●					●	●	●				●	●	●												●	●	●					●								●				●
	NEC/CEC Viamaster™ LED ①		●		●		ABCD/IIC							FG/IIIB	●					●	●	●		●		●		●												●							●								●				
	ATEX/IECEx Viamaster™ LED ②																●	●	●	●	●	●		●		●	●	●																											●				
	ATX™ FELED ②															●	●	●	●	●	●	●		●	●	●	●	●												●	●		●												●				●
	ATX™ FDLED ②															●	●	●	●	●	●	●		●			●													●													●						
	ATX™ FNLED ②																●	●	●	●	●	●			●	●	●	●												●	●		●												●				●
	Industrial Rigmaster™ LED ①																			●	●	●				●	●	●												●	●	●					●								●				●
High Bay	Baymaster™ LED		●		●		ABCD/IIC	●	●	●	●	●	EFG/IIIC	FG	●		●	●	●		●	●						●			●	●	●	●	●					●	●	●	●	●	●	●		●								●				●
	Industrial Baymaster™ LED																				●	●						●			●	●	●	●	●					●	●	●	●	●	●	●		●								●				●
	IHC LED																				●	●														●	●	●	●	●	●	●	●	●	●	●								●				●
Floodlight	Areamaster™ Generation 2 LED		●		●		ABCD/IIC	●	●	●	●	●	EFG/IIIC	FG	●		●	●	●		●	●						●			●	●	●	●	●					●	●	●						●	●	●	●			●			●	
	Areamaster™ Generation 2 LED Zone 1			●	●	IIC	IIC				●	●	IIIC	IIIC		●	●	●	●		●	●						●			●	●	●	●	●					●	●	●						●	●							●				●
	Industrial Areamaster™ Generation 2 LED																				●	●						●			●	●	●	●	●					●	●	●						●	●	●	●			●			●	
Emergency Egress	HEX Exit Sign ①		●				ABCD													●	●																																●			●			
	N2LED Emergency ①		●		●															●	●	●																		●															●				
	ATX™ FDBAES LED Emergency ①															●	●	●	●	●	●	●	●																	●									●						●				
Portable	EHLED Handlamp ①	●	●																		●	●																		●												●						
	Temporary LED Worksite Lighting ①																				●						●		●			●								●			●										●						

① Available in NEC/CEC only. ② Available in ATEX/IECEx only. ③ Mercmaster Connect LED is a fully dimmable fixture. Lumen selection are as a maximum output and can be dimmed down for each location.

APPLETON™ United States: 1.800.621.1506 | Asia/Pacific: + 65.6556.1100 | Australia: + 61.3.9721.0387 | Canada: + 1.888.765.2226 | China: + 86.21.3338.7000 | Europe: + 33.3.22.54.13.90 | Mexico/Latin America: + 52.55.5809.5049 | Middle East/Africa/India: + 971.4.811.8100
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