

Appleton Group Mercmaster™ LED Low Profile Luminaire



Features	Specifications
Voltage:	100-277 Vac, 125-300 VDC; 347-480 Vac; 24-48V dc, 50/60 Hz
Dimming:	0-10 Vdc
Retrofit Equivalents:	70 – 250W HID
Lumens:	3,300 – 7,500 (Std/EMR)
Efficacy:	up to 146 lm/w
Color Temperatures:	5000K 4000K 3000K 1800K Amber
CRI:	70+ 80+
Ambient Temperature*:	-50°C* or -40°C to +65°C
LED Lumen Depreciation (L70):	Reported: 60,000+ hours @ 65°C Calculated: 200,000+ hours @ 65°C
LED Driver Lifetime:	100,000+ hours
Replaceable Components:	LED Driver, Globe, Battery, BMM
Emergency Battery Backup:	90 min & 180min (Field changeable)
Retrofit Adapters:	Crouse-Hinds VMV, Killark Certilite V, Mercmaster II HID
Weight:	Standard: 4.6 kg / 10.10 lbs Emergency: 5.8 kg / 13.8 lbs
Warranty:	10 Years Luminaire, 3 Years for Battery



- Multiple hood options for easy installation
- High & Low temperature silicone gaskets prevent water ingress and corrosion
- Superior thermal heat sink design. Cool operation from -50°C* to 65°C (-67°F to +149°F)
- Replaceable LED drivers extend luminaire life, even beyond 109,000 hours
- Interchangeable glass globes in color (red, blue, amber and green), clear and diffused polycarbonate, clear glass and prismatic refractor

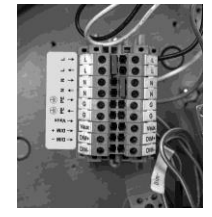


Metalized reflector enhances the performance and efficacy of the LED array

MLLED
(3,300 to 7,500 lumens)
* Order "IMLLED" for industrial location version.



Easy to Use Hood Latch
Captive, stainless steel latch assembly (bolt and nut) closes securely while providing resistance to corrosive atmospheres.



Now with Dimming
Easy to wire terminal housing. IP66/67 Driver with 6KV Surge Protection. Dimming comes standard to future proof facilities and enable Group Lighting Controls



Safety Cable
Safety cable is slipped around the housing through casted retention point providing greater safety for workers.



Slim & Light Weight
Integrated heat sink and simplified lean design, results in a very sleek and lightweight housing profile while maximizing heat dissipation.

* = Extreme cold temp part numbers, standard is -40C

Ordloc; NEC/CEC: Class I, Division 2 | Class II, Division 1; IP66/67; IK08; T5-T4; ABS Certified; DLC Approved, IECEx/ATEX: Zone 2, 21IP66

Webpage



Video



LED Quick Release Program



Check here for QRP availability!

Quick Release Program Part #'s

- MLLED4CD5BU
- MLLED7CD5BU
- IMLLED4CD5BU
- IMLLED7CD5BU

Appleton Group

Mercmaster™ LED Low Profile Luminaire

Key Information

- Mercmaster Low Profile is one of Appleton’s most popular selling fixtures for retrofits and new installations
- Low profile & low weight
- Economically priced
- Lumen outputs hit the sweet spot for 70W, 100W, 150W & 250W HID
- Ease of installation for retrofit
- Interchangeable globes, accessories, mounting variations
- Certified up to 149°F (65°C)

Lumens to Watts

- 3,300 lumens is equivalent to 70-100 W HID
- 4,400 lumens is equivalent to 100-150 W HID
- 5,500 lumens is equivalent to 150-175 W HID
- 7,500 lumens is equivalent to 175-250 W HID

Datasheet



CATALOG NUMBERING GUIDE

Series Prefix	Mounting	Lumen (nominal)	Hub Size	Color Temperature	Globe Material	Light Distribution Pattern	Dimming	Voltage	Fusing	Operating Temperature	Options
MLLED						5					

SERIES PREFIX:	
MLLED	Mercmaster LED Low Profile Series
MOUNTING:	
A	Pendant
B	Watertight Pendant ▲
C	Ceiling ▲Ⓞ
D	Pendant Cone ▲Ⓞ
R	90° Stanchion ①
S	25° Stanchion ①
T	Trunnion ▲
K	Killark™ ▲ Adapter Universal ▲
U	Mercmaster II Adapter, Ceiling or Pendant ▲Ⓞ
V	Mercmaster II Adapter, Stanchion or Wall ▲Ⓞ
W	Wall
X	Crouse Hinds™ ▲ Adapter, Ceiling or Pendant ▲
Y	Crouse Hinds™ ▲ Adapter, Stanchion or Wall ▲
Blank	No mounting hood

LUMEN (NOMINAL): ②	
2	3,300
3	4,400
4	5,500
7	7,500 ⑥
HUB SIZE: ①Ⓞ	
2	3/4" NPT
3	1" NPT
4	1-1/4" NPT stanchion
5	1-1/2" NPT stanchion
6	Metric M20 ▲
Blank	If using adapter or no hood
COLOR TEMPERATURE (CCT): ‡	
C	Cool, 5000K
N	Neutral, 4000K
W	Warm, 3000K
S	HPS, 1800K CCT
A	Yellow Amber

GLOBE MATERIAL: ③	
P	Clear Polycarbonate Globe
D	Diffused Polycarbonate Globe
G	Clear Glass Globe ⑥
J	Short Glass Prismatic Refractor
LIGHT DISTRIBUTION PATTERN:	
5	Type V
VOLTAGE: ⑧⑨	
BU	100-277 Vac, 50/60 Hz; 125-300 Vdc
BH	347-480 Vac, 50/60 Hz ▲
B2	24-48 Vdc
FUSING: ④	
F	Fusing
Blank	No fusing

OPERATING TEMPERATURE:	
C	Cold Temperature -50 °C (-58 °F) Minimum Ambient ⑥
Blank	Standard -40 °C (-40 °F) Minimum Ambient
OPTIONS:	
1	Photocontrol 120V ⑤
2	Photocontrol 208-277V ⑤
Blank	No Options Chosen

Appleton Group Contender™ LED Luminaire



- IP 68 Watertight Cord Grip for water ingress prevention from conduit
- Integrated Crouse-Hinds™ Champ VMV Adapter
- Safety cable & external grounding provision
- Superior thermal heat sink design. Cool operation from -40°C to 65°C (-40°F to +149°F)
- Replaceable LED IP66 drivers extend luminaire life, even beyond 109,000 hours
- Interchangeable globes in clear glass or polycarbonate, diffused PC or prismatic for glare reduction



Compatible with all existing Mercmaster™ LED Low Profile globes & accessories

VMV*L
(3,300 to 5,500 lumens)
*IVMV*L for Industrial*

Features	Specifications
Voltage:	120-277 Vac, 125-300 VDC; 347-480 Vac; 50/60 Hz
Retrofit Equivalents:	70 – 175W HID
Lumens:	3,300 – 5,500
Efficacy:	115 – 118 lm/w
Color Temperatures:	5000K 4000K 3000K
CRI:	70+ 80+
Ambient Temperature:	-40°C to +65°C
LED Lumen Depreciation (L70):	109,000+ hours
LED Driver Lifetime:	100,000+ hours
Replaceable Components:	LED Driver, Globe
Weight:	5.35kg / 11.8 lbs
Warranty:	10 Years Luminaire



Integrated Retrofit
Directly mounts to all Crouse-Hinds™ Champ® VMV mounting hoods without the need for an adapter



Driver Compartment
IP66 rated Appleton™ 50W driver with 6kV integrated surge is easily accessed for maintenance and service



Watertight
Watertight lid and IP 68 cord grip to prevent water ingress from conduit



Slim Profile
Integrated heat sink and hood, and simplified lean design, results in a very sleek housing profile.

NEC/CEC: Class I, Division 2 | Class II, Division 1 | Class III; IP66/67; T4; DLC listed

Crouse-Hinds is a registered trademark of Cooper Industries, Inc., a wholly owned subsidiary of the Eaton Corporation plc.

Webpage



Video



LED Quick Release Program



Quick Release Program Part #'s

VMV5LCD5BU

Check here for QRP availability!

Appleton Group

Contender™ LED Luminaire

Key Information

- Retrofit Crouse Hinds Champ to Appleton’s engineered LED solution
- Same great package as the Mercmaster Low Profile, but it fits directly on to a Crouse Hinds Top Hat/Mounting Hood
- Economically priced
- Lumen outputs hit the sweet spot for 70W, 100W, & 150W HID
- Interchangeable globes, accessories, mounting variations
- Operates at ~150°F

Lumens to Watts

- 3,300 lumens is equivalent to 70-100 W HID
- 4,400 lumens is equivalent to 100-150 W HID
- 5,500 lumens is equivalent to 150-175 W HID

Datasheet



CATALOG NUMBERING GUIDE

Series Prefix	Lumen Output	Color Temperature	Globe Material, Light Distribution Pattern	Voltage	Wiring Method
VMV					
SERIES PREFIX:		COLOR TEMPERATURE (CCT):	GLOBE MATERIAL, LIGHT DISTRIBUTION PATTERN: ☉	VOLTAGE:	
VMV Contender LED Series		C Cool, 5000K	P5 Clear Polycarbonate Globe, NEMA Type V	BU 120-277 Vac, 50/60 Hz; 125-300 Vdc	
LUMEN OUTPUT: ①		N Neutral, 4000K	D5 Diffused Polycarbonate Globe, NEMA Type V	BH 347-480 Vac, 50/60 Hz	WIRING METHOD: ③
3L 3,000		W Warm, 3000K	G5 Clear Glass Globe, NEMA Type V	T Terminal Blocks	Blank Wire Nuts (Standard)
4L 4,000			J5 Glass Prismatic Refractor, NEMA Type V		
5L 5,000					



Appleton Group Areamaster™ Generation 2 LED Luminaire

Features	Specifications
Voltage:	120-277 Vac, 125-300 Vdc; 347-480 Vac; 50/60 Hz
Retrofit Equivalents:	175W – 1500W HID
Lumens:	9,500 – 38,000
Efficacy:	Up to 140 lm/w
Color Temperatures:	5000K 4000K 3000K 1800K Amber
CRI:	70+ 80+ 80+
Ambient Temperature:	-55°C* or -40°C to +65°C
LED Lumen Depreciation (L70):	> 60,000 hours @ 65°C
LED Driver Lifetime:	100,000 hours @ 65°C
Replaceable Components:	LED Driver, Lens Cover
Pre-wired / Dimming	Yes
Weight:	Low lumen: 9.8 kg / 21.6 lbs High lumen: 16 kg / 35.4 lbs
Warranty:	10 Years Luminaire



AMLG, AMLZ
(9,500 to 19,500 lumens)

Order "AMLG" for industrial location version.

Compact size and low weight

Superior thermal heat sink design. Cool operation from -40°C to 65°C (-40°F to +149°F)

High temperature silicone gaskets prevent water ingress and corrosion

Replaceable LED drivers extend luminaire life, even beyond 60,000 hours

Yoke bracket designed to utilize standard Areamaster™ slipfitters and offers full 180° adjustment



Frosted glass or diffused polycarbonate available for glare control

AMLH, AMHZ

(24,000 to 38,000 lumens)

Order "AMLH" for industrial location version.



Visor and Guard

Optional heavy gauge stainless steel wire guard or powder coated aluminum visor



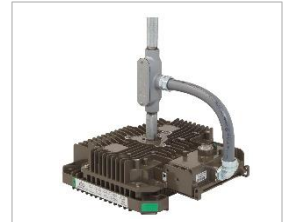
Driver Compartment

Easy to access, field replaceable driver compartment. Dimming is standard.



Wiring Compartment

Gasketed front wiring compartment with screw terminal block, with captive screws.



Threaded Blind Hole

3/4" NPT threaded blind hole centered in back of fixture. Use for pendant mount applications. Wire through front-facing compartment.

* = Extreme cold temp part numbers, standard is -40C

Ordloc; NEC/CEC: Class I, Division 2 | Class II, Division 1; IP66/67; ABS Certified; IECEx/ATEX: Zone 1, 2, 21, 22 | IK08

Webpage



Video



LED Quick Release Program



Check here for QRP availability!

Quick Release Program Part #s

AMLGL6CG6BU AMLGL7CG6BU AMLGL7CG7BH

AMLGL7CG6BH AMLGL8CG7BU AMLGL8CG6BU

AMLGL8CG6BH AMLHL1CG6BU AMLHL1CG6BH

IAMLGL7CG6BU IAMLGL8CG7BU

Appleton Group

Areamaster™ Generation 2 LED Luminaire

Key Information

- The Areamaster is an industry leading solution for floodlight applications. Great cross over product with Industrial label.
- Lightweight and powerful. 38,000 lumens in a 35 lb package.
- Delivers more lumens than competitive 50,000 lumen floodlight, and its half the weight.
- Wiring compartment has hinged door, captive screws, and is forward facing. One person install and easy to maintain.
- Certified up to 149°F (65°C)

Lumens to Watts

- 9,500 lumens is 175-250 W HID
- 15,000 lumens is 250-400 W HID
- 19,500 lumens is 400-750 W HID
- 24,000 lumens is 1000 W HID
- 30,000 lumens is 1000-1500 W HID
- 38,000 lumens is 1500 W HID

Datasheet



CATALOG NUMBERING GUIDE | AMLG LOW LUMEN AND AMLH HIGH LUMEN MODELS

Series Prefix	Color Temperature	Beam Spread	Voltage	Fusing Options	Metric Adapter Options	Pre-Wired Options
	Lumen (nominal)	Diffusion:		Surge Option	Cold Temperature Options	
AMLG						

<p>SERIES PREFIX:</p> <p>AMLG Areamaster Generation 2 LED Series - Low Lumen</p> <p>AMLH Areamaster Generation 2 LED Series - High Lumen</p> <p>AMLG LUMEN (NOMINAL): ①</p> <p>L6 9,500</p> <p>L7 15,000</p> <p>L8 19,500</p> <p>AMLH LUMEN (NOMINAL): ①</p> <p>L1 24,000</p> <p>L2 30,000</p> <p>L3 38,000</p> <p>COLOR TEMPERATURE (CCT):</p> <p>C 5000K (70 CRI)</p> <p>N 4000K (80 CRI)</p> <p>W 3000K (80 CRI)</p> <p>S 1800K (70 CRI)</p> <p>A Amber (56 CRI)</p>	<p>AMLG DIFFUSION:</p> <p>G Clear Glass</p> <p>F Frosted Glass</p> <p>D Diffused Polycarbonate ②</p> <p>AMLH DIFFUSION:</p> <p>G Clear Glass</p> <p>F Frosted Glass</p> <p>AMLG BEAM SPREAD:</p> <p>6 NEMA 7x7 (non-optic)</p> <p>7 NEMA 7x6</p> <p>AMLH BEAM SPREAD:</p> <p>3 NEMA 3x3</p> <p>5 NEMA 5x5</p> <p>6 NEMA 7x7 (non-optic)</p> <p>7 NEMA 7x6</p>	<p>VOLTAGE:</p> <p>BU 120-277 Vac, 50/60 Hz, 125-300 Vdc</p> <p>BH 347-480 Vac, 50/60 Hz ③</p> <p>FUSING OPTIONS:</p> <p>Blank No Fusing</p> <p>F Fusing ④</p> <p>SURGE OPTIONS:</p> <p>Blank 6 kV Surge Protection (Standard)</p> <p>S 10 kV Surge Protection ⑤</p> <p>METRIC ADAPTER OPTIONS:</p> <p>Blank No Adapter</p> <p>M M20 Metric Cable Entry Adapters ⑥</p>	<p>COLD TEMPERATURE OPTIONS:</p> <p>Blank Standard Temperature (-40 °C)</p> <p>C Cold Temperature (-55 °C) ⑦</p> <p>PRE-WIRED OPTIONS: ⑧</p> <p>Blank No Pre-wired options</p> <p>P Pre-wired (10 Foot Cord; 3 Conductors; Power without Dimming)</p> <p>D Pre-wired (10 Foot Cord; 5 Conductors; Power and Dimming)</p>
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Appleton Group Mercmaster™ Generation 3 LED Luminaire



Features	Specifications
Voltage:	120-277 Vac, 125-300 VDC; 347-480 Vac; 50/60 Hz
Retrofit Equivalents:	70W – 1000W HID
Lumens:	3,500 – 24,000
Efficacy:	Up to 160 lm/w
Color Temperatures:	5000K 4500K 4000K 3500K 3000K
CRI:	70+ 80+ 80+ 80+ 80+
Ambient Temperature:	-40°C to 65°C/ +75°C (High Ambient)
LED Lumen Depreciation (L70):	60,000+ hours
LED Driver Lifetime:	100,000+ hours
Replaceable Components:	LED Driver, Globe, Fuse
Emergency Battery Backup:	90 min & 180min (Field changeable)
Weight:	3.7k-10.4k lumen: 9.20 kg / 20.3 lbs, 11.2k-20.1k lumen: 12.00 kg / 26.4 lbs 21.9k-24k lumen: 13.15 kg / 29 lbs
Warranty:	10 Years Luminaire, 3 Years for Battery

- Appleton legacy and competitive retrofit adapters for easy installation
- Options for additional 10kV surge for high transient surge areas
- Superior thermal heat sink design. Cool operation from -40°C up to 75°C (-40°F to +167°F) (see options)
- Replaceable LED drivers extend luminaire life, even beyond 60,000 hours
- Wide range of lumen outputs up to 24K lumens and 5 CCT options

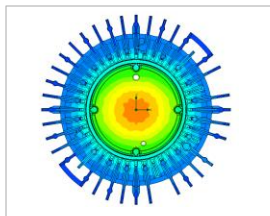
MLGL
(3,500 to 9,500 lumens)
Order "IMLGL" for industrial location version.

Compact size and low weight

MLGH / MLGX
(9,500 to 17,500 / 18,300 to 24,000 lumens)
Order "IMLGH" or "IMLGX" for industrial location version.



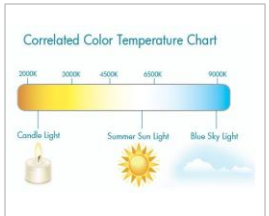
Higher Lumen Outputs
Two new lumen outputs available: ~22K and 24K when using clear globe, Type V light distribution & 5000KCCT.



Higher Ambient options
Certified up to +75°C on MLGL3, MLGL5, MLGL7. Up to 70 °C on MLGL9, MLGH1, MLGH3



Additional 10kV Surge
Add additional 10kV of surge to product with character indicator "S" at the end of the PN string.



More CCT Options
Two new CCT options available upon request to make a total of 5 CCT options

Ordloc; NEC/CEC: Class I, Division 2 | Class II, Division 1; IP66/67; IK08; T6-T3; DLC Listed; IECEx/ATEX: Zone 1, 2, 21, 22

Webpage



Video



LED Quick Release Program



Quick Release Program Part #'s

MLGL9CD5BU

Check here for QRP availability!

Appleton Group Mercmaster™ Generation 3 LED Luminaire

Key Information

- The Legacy Mercmaster is the most versatile Appleton fixture because of its wide range of lumen outputs (3,500 to 24,000), optics and mounting options.
- Multiple applications in the same form factor
- The Big Brother of the Mercmaster Low Profile
- Ease of installation for retrofit
- Certified up to 149°F (65°C) / 167°F (75°C) on high ambient models
- Interchangeable globes, accessories, mounting variations

Lumens to Watts

- 3,500 lumens is equivalent to 70-100W HID
- 5,500 lumens to 100-150W HID
- *7,500 lumens to 175-250W HID
- *9,500 lumens to 250-350W HID
- *11,500 lumens to 350-400W HID
- *14,500 lumens to 400W HID
- *17,500 lumens to 400-600W HID
- *20,000 lumens to 600-750W HID
- *24,000 lumens to 750-1000W HID
- Note: * = Standard version only

Datasheet

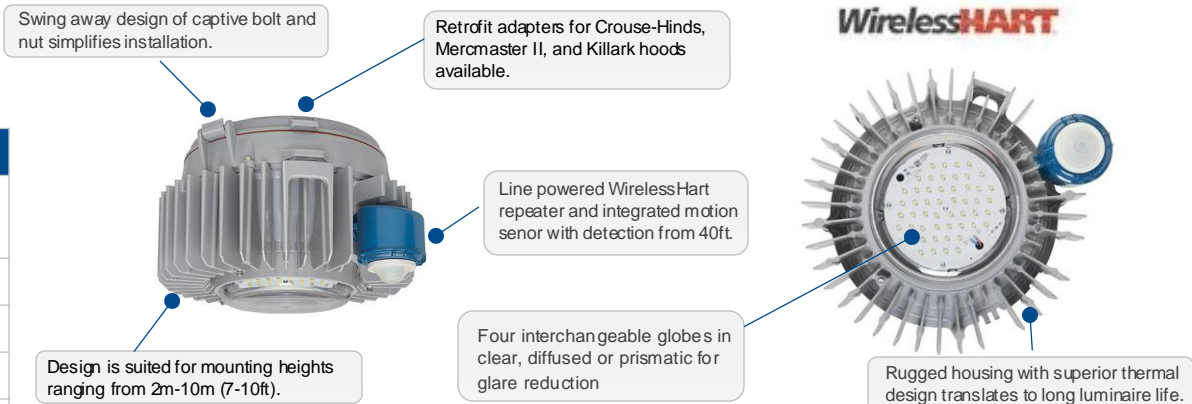


CATALOG NUMBERING GUIDE

Series Prefix	Mounting	Lumen (nominal)	Hub Size	Color Temperature	Light Distribution Pattern	Optional Fusing	Options
				Globe Material	Voltage		
MLG							
SERIES PREFIX:		LUMEN (NOMINAL): *†		COLOR TEMPERATURE (CCT): ‡		OPTIONAL FUSING: *§	
MLG	Mercmaster LED Generation 3 Series	L3	3,500	C	Cool, 5000K	F	Fusing
MOUNTING:		L5	5,500	N	Neutral, 4000K	Blank	No fusing
A	Pendant	L7	7,500	W	Warm, 3000K	OPTIONS:	
B	Watertight Pendant ▲	L9	9,500	GLOBE MATERIAL: ③		1	Photocontrol 120V ④
C	Ceiling ⑤	H9	9,500 ⑥	P	Clear Polycarbonate Globe	2	Photocontrol 208V ④
D	Pendant Cone ⑤	H1	11,500	D	Diffused Polycarbonate Globe	3	Photocontrol 240V ④
R	90° Stanchion ①	H3	13,500	G	Clear Glass Globe	4	Photocontrol 277V ④
S	25° Stanchion ①	H6	17,500	J	Short Glass Prismatic Refractor ⑤	5	Additional surge to 10 kV ④
T	Trunnion	X1	20,000	LIGHT DISTRIBUTION PATTERN:		S	High Ambient + ⑥
K	Killark™ ▲ Adapter Universal ▲	X5	24,000	1	Type I ②	Blank	No Options Chosen
U	Mercmaster II Adapter, Ceiling or Pendant ▲	HUB SIZE:		3	Type III ②		
V	Mercmaster II Adapter, Stanchion or Wall ▲	2	3/4" NPT ①	5	Type V ②		
W	Wall	3	1" NPT ①	W	Type V Wide		
X	Crouse Hinds™ ▲ Adapter, Ceiling or Pendant ▲ ⑥	4	1-1/4" NPT stanchion	VOLTAGE:			
Y	Crouse Hinds™ ▲ Adapter, Stanchion or Wall ▲	5	1-1/2" NPT stanchion	BU	120-277 Vac, 50/60 Hz; 125-300 Vdc ②		
Blank	No mounting hood	6	Metric M20 ①	BH	347-480 Vac, 50/60 Hz ▲		
		Blank	If using adapter or no hood				

Appleton Group Mercmaster™ Connect LED Luminaire

Features	Specifications
Voltage:	120-277 Vac, 125-300 VDC; 347-480 Vac; 50/60 Hz
Retrofit Equivalents:	100W – 600W HID
Lumens:	5,000 – 17,500
Efficacy:	Up to 160 lm/w
Color Temperatures:	5000K 4500K 4000K 3500K 3000K
CRI:	70+ 80+ 80+ 80+ 80+
Ambient Temperature:	-40°C to 65°C
LED Lumen Depreciation (L70):	60,000+ hours
LED Driver Lifetime:	100,000+ hours
Replaceable Components:	LED Driver, Globe, Fuse
Weight:	5.5k-9.5k lumen: 11kg / 24.4 lbs 17.5k lumen: 13.5kg / 29.9 lbs
Warranty:	10 Years Luminaire



Plantweb Insight
Enabling critical system monitoring without adding another lighting control system.



Motion Sensing
Detect human sized objects from up to 40ft away.



Dimming
Fully dimmable light output from 100% down to 0% based on the active operating mode.



Failsafe Operating Mode
In case of communication loss from a WirelessHart gateway, Mercmaster Connect will revert to maximum brightness until connection is restored.

NEC/CEC: Class I, Division 2 | Class II, Division 1; IP66; IK08; T6-T3; IECEx/ATEX: Zone 2, 21, 22

Webpage



Video



LED Quick Release Program



Quick Release Program Part #'s

MGCL9CP5BU7P

Check here for QRP availability!

Appleton Group Mercmaster™ Connect LED Luminaire

Key Information

- Strengthens the Wireless HART network with line powered repeater vs. traditional battery powered repeaters
- Group lighting controls allows for one Mercmaster Connect to control up to 10 additional “non-smart” lights.
- Modular design provides thousands of combinations for maximum versatility: four different globe options for the Standard version and seven standard mounting hoods

Lumens to Watts

- 5,500 lumens to 100-150W HID
- 9,500 lumens to 250-350W HID
- 17,500 lumens to 400-600W HID

Datasheet



CATALOG NUMBERING GUIDE

Series Prefix	Mounting	Lumen (nominal)	Hub Size	Color Temperature	Globe Material	Light Distribution Pattern	Voltage	Options	Control Options	PIR Fresnel Lens
MGC							BU		7	

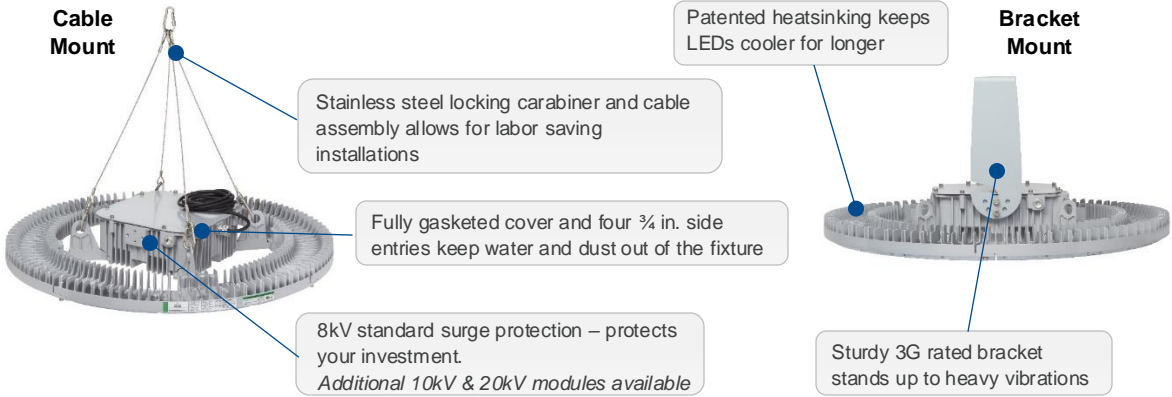
SERIES PREFIX:	
MGC	Mercmaster Connect LED
MOUNTING:	
A	Pendant
B	Watertight Pendant ▲
C	Ceiling ⊙
D	Pendant Cone ⊙
R	90° Stanchion ⊙
S	25° Stanchion ⊙
T	Trunnion
K	Killark™ ◊ Adapter Universal ▲
U	Mercmaster II Adapter, Ceiling or Pendant ▲
V	Mercmaster II Adapter, Stanchion or Wall ▲
W	Wall
X	Crouse Hinds™ ◊ Adapter, Ceiling or Pendant ▲
Y	Crouse Hinds™ ◊ Adapter, Stanchion or Wall ▲
Blank	No mounting hood

LUMEN (NOMINAL): *	
L5	Up to 5,500
L9	Up to 9,500
H6	Up to 17,500
HUB SIZE:	
2	3/4" NPT ⊙
3	1" NPT ⊙
4	1-1/4" NPT stanchion
5	1-1/2" NPT stanchion
6	Metric M20
Blank	If using adapter or no hood
COLOR TEMPERATURE (CCT): ‡	
C	Cool, 5000K
N	Neutral, 4000K
W	Warm, 3000K

GLOBE MATERIAL:	
P	Clear Polycarbonate Globe
D	Diffused Polycarbonate Globe
G	Clear Glass Globe
LIGHT DISTRIBUTION PATTERN:	
1	Type I
3	Type III
5	Type V
W	Type V Wide
VOLTAGE:	
BU	120-277 Vac, 50/60 Hz; 125-300 Vdc
OPTIONALS: †	
F	Fusing
Blank	No fusing

CONTROL OPTIONS:	
7	Motion and Illuminance Sensor, WirelessHart™ II Interface
PIR FRESNEL LENS:	
N	Between 20 to 40 ft mounting height
P	Below 20 ft mounting height

Appleton Group IHC (Industrial Heat Champion) LED Luminaire



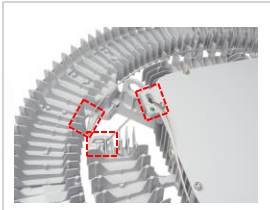
Features	Specifications
Voltage:	120-277 Vac, 125-300 Vdc; 277-480 Vac; 50/60 Hz
Lumens:	50,000 – 90,000
Efficacy:	Up to 146 lm/w
Color Temperatures:	5000K 4000K 3000K
CRI:	70+ 80+ 80+
Ambient Temperature:	-40°F (-40°C) to +167°F (+75°C)
LED Lumen Depreciation (L70):	> 60,000 hours @ 65°C
Replaceable Components:	LED Driver
Diameter:	38.4 in (977 mm)
Weight:	26 kg / 57.4 lbs to 32.7 kg / 72 lbs
Warranty:	10 Years Luminaire



Pre-Wired Option
Weather resistant Appleton Aluminum Cord Grip # CG-3775 and 10-foot-long, 600V, 90°C rated, Type SOOW listed cord.



Adjustable Bracket
Fixture can be adjusted to 0°, 15°, 30° and 45° set points and secured in place for ceiling, wall and floor mounting.



Safety Cable
8 ft. stainless steel safety cable is threaded through the cast secondary retention points in the housing and LED heatsinks for added safety.



5 Pin NEMA Socket
Allows for easy attachment of photocontrol or other smart lighting device. Dimming capable at 120-480 Vac. Ships with shorting cap.

IECEE CB - CE and UKCA - NEC/CEC: cULus Listed; Wet Locations; Type 3R, 4, 4X; IP66

Webpage



Video



LED Quick Release Program



Check here for QRP availability!

Quick Release Program Part #'s

IHCN62CPMBHGP

Appleton Group IHC LED Luminaire

Key Information

- The IHC aka “Industrial Heat Champion” is a high-performance High Bay because of its high lumen output and resiliency in high temperature applications.
- Originally designed for use in steel foundries, to be mounted adjacent the furnaces. Its also versatile enough to operate in outdoor and marine environments.
- Mounting heights range from 50 feet to 120 feet high
- The 90,000 lumen version only weighs 72 lbs!
- Optics provide incredible footcandle levels with wide spacing
- Great cross over fixture with Industrial label
- Fixture can operate at temperatures up to 167° F!
- 10 Year warranty Standard

Datasheet



CATALOG NUMBERING GUIDE

Series Prefix	Mounting	Lumen (nominal)	Hub Size	Color Temperature	Lens Material	Light Distribution Pattern	Voltage	Color	Surge Protection Options	Pre-Wired Options	Control Options
IHC					P			G			

SERIES PREFIX:	
IHC	IHC LED Series
MOUNTING:	
N	No Mount
C	Cable
B	Bracket
LUMEN (NOMINAL):	
5	50,000
6	60,000
7	75,000
9	90,000
HUB SIZE:	
2	3/4" NPT Threaded Entry
0	M20 Metric Adapter

COLOR TEMPERATURE (CCT): ‡	
C	Cool, 5000K
N	Neutral, 4000K
W	Warm, 3000K
LENS MATERIAL:	
P	Clear Polycarbonate
LIGHT DISTRIBUTION PATTERN:	
V	Very Narrow
N	Narrow
M	Medium
W	Very Wide (Non-optic)

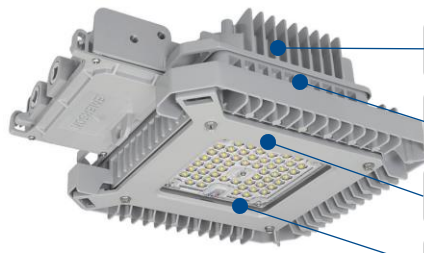
VOLTAGE:	
BU	120-277 Vac, 50/60 Hz; 125-300 Vdc
BH	277-480 Vac, 50/60 Hz ①
COLOR:	
G	Appleton Gray (Standard)
SURGE PROTECTION OPTIONS: ②	
Blank	8 kV Standard
1	10 kV
2	20 kV

PRE-WIRED OPTIONS: ③	
Blank	No Pre-Wired Options
P	Pre-wired (10 Foot Cord; 3 Conductors; Power without Dimming)
D	Pre-wired ④ (10 Foot Cord; 5 Conductors; Power and Dimming)
CONTROL OPTIONS:	
Blank	No Controls
5	5 Pin NEMA Socket for Photocontrol (Dimming Capable) Receptacle (120-480V) with Shorting Cap

Appleton Group Baymaster™ LED Luminaire



Features	Specifications
Voltage:	120-277 Vac, 125-300 Vdc; 347-480 Vac; 50/60 Hz
Retrofit Equivalents:	175W – 1500W HID
Lumens:	9,500 – 38,000
Efficacy:	Up to 140 lm/w
Color Temperatures:	5000K 4000K 3000K 1800K Amber
CRI:	70+ 80+ 80+
Ambient Temperature:	-55°C* or -40°C to +65°C
LED Lumen Depreciation (L70):	> 60,000 hours @ 65°C
LED Driver Lifetime:	100,000 hours @ 65°C
Replaceable Components:	LED Driver, Lens Cover
Pre-wired/Dimming:	Yes Non-pendant Mount only
Weight:	Low lumen: 9.8 kg / 21.6 lbs High lumen: 16 kg / 35.4 lbs
Warranty:	10 Years Luminaire



BLL
(9,500 to 19,500 lumens)
Order "IBLL" for industrial location version.

- Compact size and low weight for single person installation
- Superior thermal heat sink design. Cool operation from -40°C to 65°C (-40°F to +149°F)
- Replaceable cover and LED drivers extend luminaire life, even beyond 60,000 hours
- 6KV standard surge protection – protects your investment



BHL
(24,000 to 38,000 lumens)
Order "IBHL" for industrial location version.
Optional frosted glass or diffused polycarbonate for increased glare control.



Quick Mount Pendant
Installation has never been easier. Simply pre-wire the mounting hood, line the arrows up, and lock the Baymaster™ into place.



Wiring Compartment
Gasketed front wiring compartment with screw terminal block, with captive screws.



Cable Mounting
Optional Y cable mounting kit. Simply attach 4 eyebolts and wire to the provided screw terminals in our field wiring compartment.



Rugged and Durable
Mounting hoods and bodies are made from copper-free aluminum, with an electrostatically applied finish for uniform protection

* = Extreme cold temp part numbers, standard is -40C

Ordloc; NEC/CEC: Class I, Division 2 | Class II, Division 1; IP66/67; ABS Certified; IECEx/ATEX: Zone 2, 21, 22 | IK08

Webpage



Video



LED Quick Release Program



Quick Release Program Part #'s

IBLLPL8CGMNBU

Check here for QRP availability!

Appleton Group

Baymaster™ LED Luminaire

Key Information

- The 38,000 Lumen version only weighs 35 lbs which is light enough for one person to install.
- The Quick Mount Pendant system makes the luminaire easy to install and remove, which saves customer money with labor time.
- Optics give incredible footcandle levels with wide spacing.
- Another great cross over fixture with Industrial label
- Certified up to 149°F (65°C) and -67 °F (-55 °C) extreme cold

Lumens to Watts

- 9,500 lumens is 175-250 W HID
- 15,000 lumens is 250-400 W HID
- 19,500 lumens is 400-750 W HID
- 24,000 lumens is 1000 W HID
- 30,000 lumens is 1000-1500 W HID
- 38,000 lumens is 1500 W HID

Datasheet



CATALOG NUMBERING GUIDE | BLL LOW LUMEN AND BHL HIGH LUMEN MODELS

Series Prefix	Lumen (nominal)	Diffusion:	Housing Paint Color Options	Fusing Options	Metric Adapter Options	Pre-Wired Options
Mounting	Color Temperature	Light Pattern	Voltage	Surge Option	Cold Temperature Options	
BLL						

SERIES PREFIX:	
BLL	Baymaster LED Series Luminaires - Low Lumen
BHL	Baymaster LED Series Luminaires - High Lumen
MOUNTING:	
Blank	No Quick Mount ①
P	Quick Mount Pendant ②
BLL LUMEN (NOMINAL): ③	
L6	9,500
L7	15,000
L8	19,500
BHL LUMEN (NOMINAL): ③	
L1	24,000
L2	30,000
L3	38,000

COLOR TEMPERATURE (CCT):	
C	5000K (70 CRI)
N	4000K (80 CRI)
W	3000K (80 CRI)
S	1800K (70 CRI)
A	Amber (56 CRI)
BLL DIFFUSION:	
G	Clear Glass
F	Frosted Glass
D	Diffused Polycarbonate ④
BHL DIFFUSION:	
G	Clear Glass
F	Frosted Glass

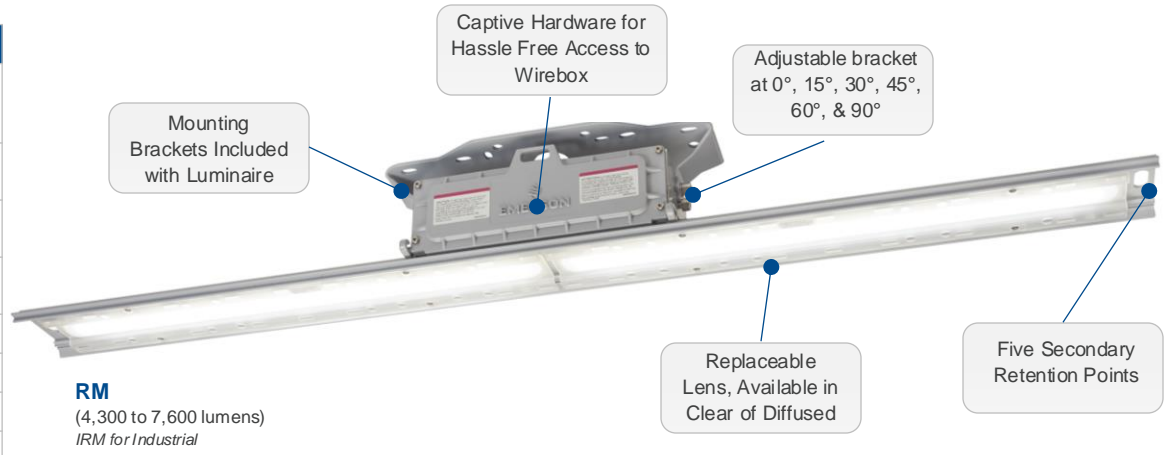
BLL LIGHT PATTERN:	
A	Aisle
M	Medium (non-optic)
W	Wide
BHL LIGHT PATTERN:	
V	Very Narrow
N	Narrow
M	Medium (non-optic)
W	Wide
HOUSING PAINT COLOR OPTIONS:	
N	Appleton Gray (Standard)
VOLTAGE:	
BU	120-277 Vac, 50/60 Hz, 125-300 Vdc
BH	347-480 Vac, 50/60 Hz ⑤
FUSING OPTIONS:	
Blank	No Fusing
F	Fusing ⑥

SURGE OPTIONS:	
Blank	6 kV Surge Protection (Standard)
S	10 kV Surge Protection ⑦
METRIC ADAPTER OPTIONS:	
Blank	No Adapter
M	M20 Metric Cable Entry Adapters ⑧
COLD TEMPERATURE OPTIONS:	
Blank	Standard Temperature (-40 °C)
C	Cold Temperature (-55 °C) ⑨
PRE-WIRED OPTIONS: ⑩	
Blank	No Pre-wired options
P	Pre-wired (10 Foot Cord; 3 Conductors; Power without Dimming)
D	Pre-wired (10 Foot Cord; 5 Conductors; Power and Dimming)

Appleton Group Rigmaster™ LED Luminaire



Features	Specifications
Voltage:	120-277Vac, 125-300 VDC; 347-480 Vac; 50/60 Hz
Retrofit Equivalents - 2FT:	2 x 32W Fluorescent T8 bulbs
Retrofit Equivalents - 4FT:	3 x 32W fluorescent T8 bulbs
Lumens (nominal):	4,300 - 7,600
Efficacy:	Up to 139 lm/w
Wattage	33 - 55 W
Color Temperatures:	5000K 4000K 3000K
CRI:	80+
Emergency Battery Backup:	90 min & 180min (Field changeable)
Ambient Temperature:	-40°C to +65°C
LED Lumen Depreciation (L70):	Reported: 60,000+ hours @ 65°C Calculated: 200,000+ hours @ 65°C
LED Driver Lifetime:	100,000+ hours
Replaceable Components:	LED Driver, Lens
Weight:	2 FT: 3.7 kg / 8.2 lbs 4 FT: 4.6kg / 10.1 lbs Standard Model
Warranty:	10 Years Luminaire, 3 Years for Battery



RM
(4,300 to 7,600 lumens)
IRM for Industrial



Easily Retrofits Existing Installation
Three mounting brackets offer various bolt patterns & help minimize fixture profile for low clearance areas



Slim Profile
While fixture height is 3 inches, overall mounting profile can range between 4.4 to 5 inches from the surface.



External Leads
Option for out of the box wiring eliminates the need to access wiring compartment and reduces installation time.



Battery Backup Option
Up to 1350 lumens of standby emergency illumination for increased safety during power outages

NEC/CEC: Class I, Division 2, Class II, Division 2; IP66; DLC listed

Webpage



Video



LED Quick Release Program



Check here for QRP availability!

Quick Release Program Part #'s

RMA42CPLBUNGW2

Appleton Group Rigmaster™ LED Luminaire

Key Information

- This product series can be installed in all 3 zones of a facility; Explosion Proof CID1, Hazardous CID2, and Industrial
- Compact form factor, fits in tight spaces, and available with frosted lens for low level mounting.
- High output availability with 7,600 lumens from the 4 ft version
- Easy to install, wiring compartment is hinged door with captive screws. With the CID1 version, installers really appreciate the large size of the wiring compartment.
- Various brackets are available to satisfy any application. The fixture can be installed on the ceiling, wall, or on the ground.
- Certified up to 149°F (65°C)

Lumens to Watts

- 2-foot fixture, 4,300 lumens are equivalent to 2 x 32W T8 lamps
- 4-foot fixture, 7,600 lumens are equivalent to 3 x 32W T8 lamps

Datasheet



CATALOG NUMBERING GUIDE

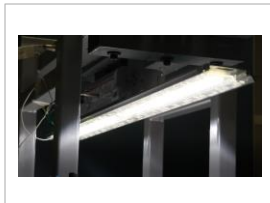
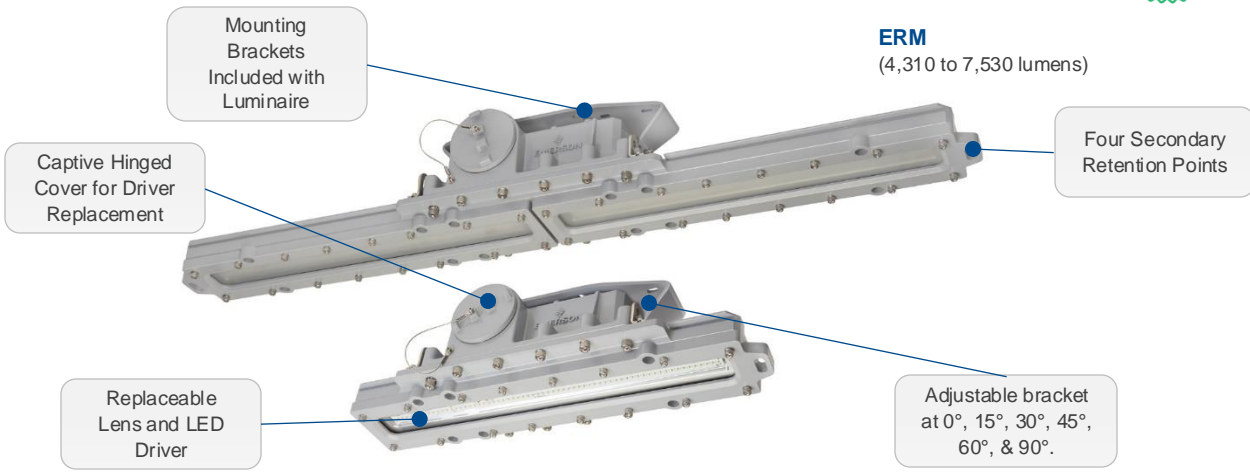
Series Prefix	Lumen (nominal)	Color Temperature	Light Distribution Pattern	Emergency	Wiring Method	Option
Mounting	Hub Size	Lens Material	Voltage	Color		
RM			L		G	

SERIES PREFIX:	HUB SIZE:	LIGHT DISTRIBUTION PATTERN:	COLOR:
RM Rigmaster LED	1 (4) 1/2" NPT	L Linear Pattern	G Appleton Gray (Standard)
MOUNTING: ④	2 (4) 3/4" NPT	VOLTAGE:	WIRING METHOD:
A Small Swivel Bracket ⑤	COLOR TEMPERATURE (CCT):	BU 120-277 Vac, 50/60 Hz; 125-300 Vdc	W Wire Nuts (Standard)
B Large Swivel Bracket	C Cool, 5000K	BH 347-480 Vac, 50/60 Hz ③	T Fixed Terminal Block ③
L Low Profile Bracket	N Neutral, 4000K	EMERGENCY: ⑥	OPTION: ④
N If None (Use if Ordering Appleton Bracket Separately)	W Warm, 3000K	N If None (Standard)	Blank If None
LUMEN (NOMINAL): ②	LENS MATERIAL:	H 90 Minutes	1 (1) Safety Cable
2 4,300 Lumens (2')	D Diffused Polycarbonate	E 180 Minutes	2 (2) Safety Cables
4 7,600 Lumens (4')	P Clear Polycarbonate		

Appleton Group Explosionproof Rigmaster™ LED Luminaire



Features	Specifications
Voltage:	120-277 Vac, 125-300 VDC; 347-480 Vac; 50/60 Hz
Retrofit Equivalents - 2FT:	2 x 32W Fluorescent T8 bulbs
Retrofit Equivalents - 4FT:	3 x 32W fluorescent T8 bulbs
Lumens (nominal):	4,310 to 7,530
Efficacy:	133 - 136
Wattage	33 – 55 W
Color Temperatures:	5000K 4000K 3000K
CRI:	80+
Emergency Battery Backup:	90 min & 180min (Field changeable)
Ambient Temperature:	-40°C to +65°C
LED Lumen Depreciation (L70):	60,000+ hours @ 65°C
LED Driver Lifetime:	100,000+ hours
Replaceable Components:	LED Driver, Lens
Weight:	2 FT: 8.9 kg / 19.6 lbs 4 FT: 13.4 kg / 29.5 lbs
Warranty:	10 Years Luminaire, 3 Years for Battery



Vibration Testing
Passed 4G vibration level. Subjected to six hours of constant vibration, in all mounting orientations.



Slim Profile
While fixture height is 5.5 inches, overall mounting profile can range between 6.3 to 7.3 inches from the surface.



Two-Sided Wiring Access
Tool-less entry and able to comfortably move hands in/out of wiring compartment. Makes daisy chain wiring convenient.



Battery Backup Option
Up to 1350 lumens of standby emergency illumination for increased safety during power outages

NEC/CEC: Class I, Division 1, Class II, Division 1, Class III; IP66; DLC listed

Webpage



Video



LED Quick Release Program



Popular Part #'s

ERMB22CCLBUNGW
ERMB42CCLBUNGW

Appleton Group Explosionproof Rigmaster™ LED Luminaire

Key Information

- This fixture series can be installed in all 3 zones of a facility; Explosion Proof CID1, Hazardous CID2, and Industrial
- Small form factor, fits in tight spaces, and available with frosted lens for low level mounting.
- High output availability with 7,600 lumens from the 4 ft version
- Easy to install, wiring compartment is hinged door with captive screws. With the CID1 version, installers really appreciate the large size of the wiring compartment.
- Various brackets are available to satisfy any application. The fixture can be installed on the ceiling, wall, or on the ground.
- Certified up to 149°F (65°C)

Lumens to Watts

- 2-foot fixture, 4,300 lumens are equivalent to 2 x 32W T8 lamps
- 4-foot fixture, 7,600 lumens are equivalent to 3 x 32W T8 lamps

Datasheet



CATALOG NUMBERING GUIDE

Series Prefix	Lumen (nominal)	Color Temperature	Light Distribution Pattern	Emergency	Wiring Method	Option
Mounting	Hub Size	Lens Material	Voltage	Color		
ERM			L		G	





SERIES PREFIX:	HUB SIZE:	LIGHT DISTRIBUTION PATTERN:	COLOR:
ERM Explosionproof Rigmaster LED	1 (4) 1/2" NPT	L Linear Pattern	G Appleton Gray (Standard)
MOUNTING: ③	2 (4) 3/4" NPT	VOLTAGE: ④	WIRING METHOD:
B Large Swivel Bracket	COLOR TEMPERATURE (CCT):	BU 120-277 Vac, 50/60 Hz; 125-300 Vdc	W Wire Nuts (Standard)
L Low Profile Bracket	C Cool, 5000K	BH 347-480 Vac, 50/60 Hz	T Fixed Terminal Block ①
N If None (Use if Ordering Appleton Bracket Separately)	N Neutral, 4000K	EMERGENCY: ⑤	OPTION: ③
LUMEN (NOMINAL): ②	W Warm, 3000K	N If None (Standard)	Blank If None
2 4,300 Lumens (2')	LENS MATERIAL:	H 90 Minutes	1 (1) Safety Cable
4 7,600 Lumens (4')	C Clear Glass	E 180 Minutes	2 (2) Safety Cables
	F Frosted Glass ①		

Appleton Group HEX Series LED Exit Sign, Combo & System Units

Features	Specifications
Voltage:	120 Vac / 277Vac; 60 Hz
Power:	3W (Sign) 12 - 15W (Combo & System)
Color options (Sign / Combo):	Red or Green
Sides (Sign / Combo):	Single or double sided
Emergency Battery Backup:	Standard 90 min; 4.8V NiCd
Ambient Temperature:	-4°F (-20°C) to +122°F (+50°C)
Remote Head Capacity (Combo / System):	4.8 W (Double-sided) & 7.8 W (Single-sided), 6 Vdc or 12 Vdc
Surge:	6 kV standard
Ingress Protection:	IP65; Wet locations
Self-Test:	Monthly, bi-annually, annually
Weight:	Sign: 2kg / 4.5 lbs Combo: 4.7kg / 10.5 lbs System: 1.6kg / 3.5 lbs
Warranty:	5 Years for Fixture 3 Years for Battery



System unit and Single sided combo are only available as 15W. Double Sided combo is only available as 12W.

			
<p>6 kV Surge Protection Meets ANSI C136.2-2018 standard for surge protection in line with Appleton LED luminaires.</p>	<p>Lightweight Design Compact and lightweight fixture under 5 lbs with pendant or wall mount options.</p>	<p>Cold weather ready Rated for below freezing temperatures -4°F (-20°C) without an internal heater, all the way up to +122°F (+50°C), this fixture offers a competitive ambient temperature range</p>	<p>Self Diagnostic Automatic self testing every 30 days (30 sec), every 180 (30 min) and annual full discharge test (90 min). Can also be triggered manually using the magnetic test switch</p>

NEC/CEC: Class I, Division 2, Groups A,B,C,D | Class I, Zone 2, Groups IIA,IIB,IC; IP65 | Wet locations

Webpage



Infographic



LED Quick Release Program



Quick Release Program Part #'s

HEXC122R1212

Appleton Group HEX Series LED Exit Sign, Combo & System Units

Key Information

- Emergency models are equipped with a 6V or 12V rechargeable nickel cadmium battery that lasts a minimum of ninety min.
- Self-diagnostic feature that performs monthly, biannual, and annual tests to ensure reliable operation, a test magnet that can prompt diagnostic test to run on demand an LED indicator that visually communicates fixture operational status.
- Combo and System units have up to 7.8W auxiliary power available

Datasheet



Exit Sign

CATALOG NUMBERING GUIDE — HEX LED SERIES | CID2 — EXIT AND EMERGENCY COMBO

Series Prefix	Style	Output Wattage	Input Voltage	Number of Faces	Chevron and Lettering	Surge Voltage	Operating Temperatures
HEX	—	3	—				—

SERIES PREFIX: HEX HEX LED Series	INPUT VOLTAGE: Blank 120/277 Vac, 60 Hz	CHEVRON AND LETTERING: R Red G Green	POWER SOURCE: Blank AC Only H 90 minute battery backup
STYLE: Blank Exit and Emergency Sign	NUMBER OF FACES: ③ 1 Single-sided 2 Double-sided ④	SURGE VOLTAGE: ② 12 Pre-wired for 120 Vac, 60 Hz 27 Pre-wired for 277 Vac, 60 Hz	OPERATING TEMPERATURES: Blank Cold Weather -20 °C to +50 °C (-4 °F to +122 °F)
OUTPUT WATTAGE: 3 3 W Standard			

Combo

CATALOG NUMBERING GUIDE — HEX LED SERIES | CID2 — EXIT AND EMERGENCY COMBO

Series Prefix	Style	Output Wattage	Input Voltage	Number of Faces	Chevron and Lettering	Surge Voltage	Operating Temperatures
HEX	C		—				

SERIES PREFIX: HEX HEX LED Series	INPUT VOLTAGE: Blank 120/277 Vac, 60 Hz	CHEVRON AND LETTERING: R Red G Green	POWER SOURCE VOLTAGE: 6 6 Vdc Battery 12 12 Vdc Battery
STYLE: C Exit and Emergency Combo	NUMBER OF FACES: ③ 1 Single-sided 2 Double-sided ④	SURGE VOLTAGE: ② 12 Pre-wired for 120 Vac, 60 Hz 27 Pre-wired for 277 Vac, 60 Hz	OPERATING TEMPERATURES: Blank Standard 0 °C to +50 °C (+32 °F to +122 °F) C Cold Weather -20 °C to +50 °C (-4 °F to +122 °F)
OUTPUT WATTAGE: 12 12 Watts 15 15 Watts			

Emergency System

CATALOG NUMBERING GUIDE — HEX LED SERIES | CID2 — EMERGENCY SYSTEM

Series Prefix	Style	Output Wattage	Input Voltage	Number of Heads	Chevron and Lettering	Surge Voltage	Operating Temperatures
HEX	S	15	—	2			

SERIES PREFIX: HEX HEX LED Series	INPUT VOLTAGE: Blank 120/277 Vac, 60 Hz	SURGE VOLTAGE: ② 12 Pre-wired for 120 Vac, 60 Hz 27 Pre-wired for 277 Vac, 60 Hz	OPERATING TEMPERATURES: Blank Standard 0 °C to +50 °C (+32 °F to +122 °F) C Cold Weather -20 °C to +50 °C (-4 °F to +122 °F)
STYLE: S Emergency System	NUMBER OF HEADS: ③ 2 Double-sided ④	POWER SOURCE VOLTAGE: 6 6 Vdc Battery 12 12 Vdc Battery	
OUTPUT WATTAGE: 15 15 Watts			

Appleton Group IWL (Industrial Wall Pack) LED Luminaire



Cover bolts and hinge pins: 304 stainless steel

Optional photocell

Glass lens

Removable front lens cover

Five ½ inch NPT entries provided with five close-up plugs.

- Two entries on the left side
- One entry on the right side
- One top entry and one rear entry.

Features	Specifications
Voltage:	120-277 Vac, 50/60 Hz
Selectable Lumens:	5,000 to 15,000
Efficacy:	Up to 148 lm/w
Selectable Color Temperatures:	5000K 4000K 3000K
CRI:	70+
Ambient Temperature:	7L and 10L: -40 °C to +40 °C (-40 °F to +104 °F) 15L: -40 °C to +34 °C (-40 °F to +93 °F)
LED Lumen Depreciation (L70):	> 130,000 hours @ +25 °C (+77 °F)
Light Distribution:	Type III, Very Short
Weight:	3.6 kg / 8 lbs to 4 kg / 9 lbs
Warranty:	5 Years



Optional Photocell
Factory installed button style photocell.



Removable Reflector
Reflector attached to rear housing with safety cable. Easily removed to access internal wiring and selection switches..



Mounting
Rear mounting holes and entry with gasket (exterior).



Flexibility
Three field selectable lumen outputs and three color temperature selections per each model.

NEC/CEC: cULus Listed; Wet Locations; IP65

Webpage



Installation Instructions



LED Quick Release Program



Quick Release Program Part #'s

IWL10LZG3BU

Check here for QRP availability!

Appleton Group IWL LED Luminaire

Key Information

- ONE luminaire covers NINE possible lumen and color temperature combinations
- Three unique models are available: 7,000, 10,000 and 15,000.
- Three field selectable wattage levels (Low - Mid - High)
- Three field selectable color temperature options (3000K Warm White, 4000K Neutral White, or 5000K Cool White) are available for each model.

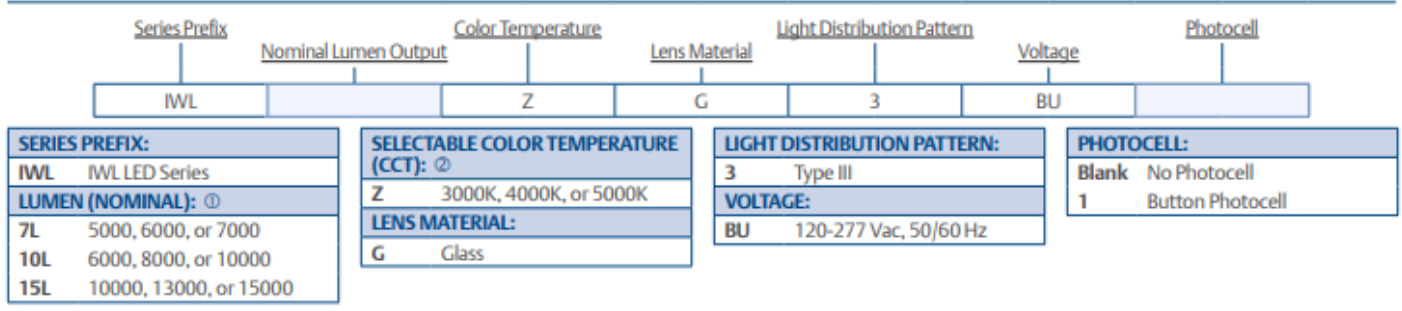
Lumens to Watts

- Upgrade 100 to 400 Watt HID legacy luminaires with a range of 5,000 to 15,000 nominal lumens.

Datasheet



CATALOG NUMBERING GUIDE



① Luminaire lumen level is set to preferred output via the wattage selection switch.
 ② Luminaire color temperature is set to preferred output via the color temperature selection switch.

Selectable Lumen Output	Selectable Color Temperature (CCT)	Lens Material	Light Distribution Pattern	Voltage	Catalog Number
Standard Model					
5000, 6000, or 7000	3000K, 4000K, or 5000K	Glass	Type III	120-277 Vac, 50/60 Hz	IWL7LZG3BU
6000, 8000, or 10000	3000K, 4000K, or 5000K	Glass	Type III	120-277 Vac, 50/60 Hz	IWL10LZG3BU
10000, 13000, or 15000	3000K, 4000K, or 5000K	Glass	Type III	120-277 Vac, 50/60 Hz	IWL15LZG3BU
With Button Photocell					
5000, 6000, or 7000	3000K, 4000K, or 5000K	Glass	Type III	120-277 Vac, 50/60 Hz	IWL7LZG3BU1
6000, 8000, or 10000	3000K, 4000K, or 5000K	Glass	Type III	120-277 Vac, 50/60 Hz	IWL10LZG3BU1
10000, 13000, or 15000	3000K, 4000K, or 5000K	Glass	Type III	120-277 Vac, 50/60 Hz	IWL15LZG3BU1

Appleton Group Retromaster LED Series



- Multiple legacy lighting mounting hood options for easy installation
- Same certifications as legacy series lighting
- Superior thermal heat sink design. Cool operation from: -40 °C to 40°C (-40°F to +104°F)
- All fixture options very lightweight from 2lbs to 5lbs
- Diffused globe for useable, comfortable lighting in all applications. Light pattern similar to incandescent seen in BUG ratings.

RETROLED
(1000/2000 and 3500/5000 lumens)

Features	Specifications
Voltage:	100-277 Vac
Retrofit Equivalents:	60 to 300W Incandescent
Lumens:	User Selectable 1,000 or 2,000 and 3,500 or 5,000
Efficacy:	up to 141 lm/w
Color Temperatures:	5000K
CRI:	70+
Ambient Temperature*:	-40°C to +40°C
LED Lumen Depreciation (L70):	60,000+ hours
Weight:	Low lumen: 0.82kg / 1.8lbs High lumen: 2.0kg / 4.4lbs
Warranty:	5 Years



Ease of Installation

Quick, easy, seamless installation to upgrade to LED in about a minute from outdated lighting sources. Universal retrofit compatible with Appleton and Killark



User Selectable Lumen Output

Fixtures offer dual lumen outputs that are selectable by the user.



Optional Wire Guards

Stainless steel wire guards (GUARDL/GUARDH) can be used for additional protection



Slim & Light Weight

Integrated heat sink and simplified lean design, results in a very sleek and lightweight housing profile while maximizing heat dissipation.

Webpage



Video



LED Quick Release Program



Check here for QRP availability!

Quick Release Program Part #'s

RETROLEDV1BU

RETROLEDV5BU

Appleton Group Retromaster LED Series

Key Information

- Provides the means of updating outdated lighting sources in minutes to energy efficient LEDs by allowing the end-user to seamlessly retrofit pre-existing V-51, Stylmaster, Stylmaster-C, V Series, and Killark™ and V Series select mounting hoods and keep all certifications in tack!

Lumens to Watts

- 1,000 lumens is equivalent to 60-75 W incandescent
- 2,000 lumens is equivalent to 100-150 W incandescent
- 3,500 lumens is equivalent to 150-200 W incandescent
- 5,000 lumens is equivalent to 200-300 W incandescent

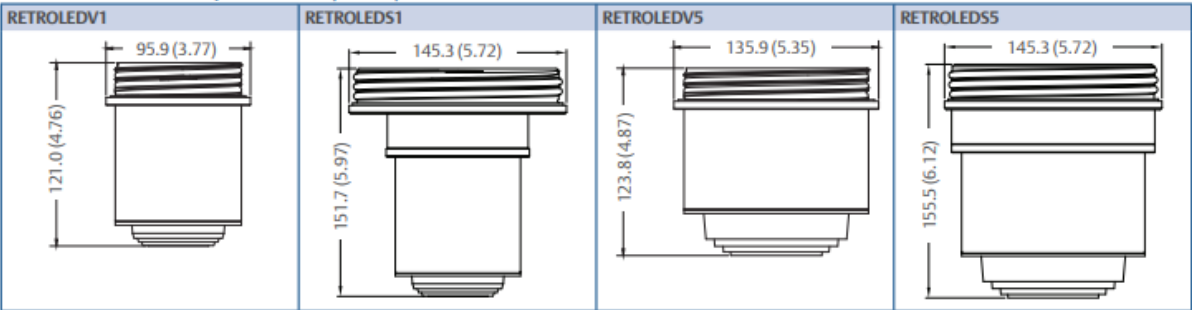
Datasheet



Series Prefix	Series to Retrofit	Lumen (nominal)	Voltage
RETROLED			BU
SERIES PREFIX: RETROLED Retromaster LED Series	SERIES TO RETROFIT: V V-51, Mercmaster Jr. Ⓞ, V Series (Low Lumen Offering in the V/VH Series), V Series (Killark Ⓞ) S Stylmaster, Stylmaster-C	LUMEN (NOMINAL): ⓄⓄ 1 1000 or 2000 5 3500 or 5000	VOLTAGE: BU 120-277 Vac, 50/60 Hz

Ⓞ Retrofit of the Mercmaster Jr. Series HID to the Retromaster LED Series Luminaires requires the use (purchase separately) of the VAD1M (for RETROLEDV1BU) or the VAD2M (for RETROLEDV5BU) adapter/socket.
 Ⓞ Fixtures offer dual lumen outputs that are selectable by the user. Refer to catalog pages for detailed performance.

DIMENSIONAL DRAWINGS | MILLIMETERS (INCHES)



Appleton Group Glomaster LED Series - Hazardous

Features	Specifications
Voltage:	100-277 Vac 50/60Hz
Retrofit Equivalents:	60 Watt up to 300 Watt Incandescent
Lumens:	User Selectable 1,000 or 2,000 and 3,500 or 5,000
Efficacy:	Up to 149 lm/w
Color Temperatures:	User Selectable 3000K, 4000K or 5000K
CRI:	70+
Ambient Temperature:	-40°C to +55°C
LED Lumen Depreciation (L70):	>60,000 hours
Surge Protection:	6kV
Replaceable Components:	LEDs, Driver
Weight:	Low lumen: 2.3kg / 5.08lbs High lumen: 3.1kg / 6.84lbs
Warranty:	5 Years



- Multiple mounting positions available for easy installation.
- Knuckle design allows for adjustable wall mounting from 0° to 90°
- Superior thermal heat sink design. Cool operation from -40 °C to 55°C (-40°F to +131°F)
- All fixture options very lightweight from 5lbs to 7lbs
- Diffused globe for useable, comfortable lighting in all applications

GLOLED
(1000/2000 and 3500/5000 lumens)



Ease of Installation
All in One with multiple mounting positions available – wall, ceiling or pendant mounts



User Selectable Lumen Output and CCT
Fixtures offer dual lumen outputs that are selectable by the user as well as a user selectable CCT level.



Optional Wire Guards
Stainless steel wire guards (GUARDL/GUARDH) can be used for additional protection



Slim & Light Weight
Optional polycarbonate color globes available in:
red (RECAPL/RECAPH),
green (GRCAPL/GRCAPI),
blue (BLCAPL/BLCAPI) and
amber (AMCAPL/AMCAPI).
Used as indicator lights in multiple applications.

Webpage



Infographic



Video



LED Quick Release Program



Popular Part #'s

- GLOLED1QZBU
- GLOLED5QZBU

Appleton Group Glomaster LED Series - Hazardous

Key Information

- A facility's hazardous location rated lighting has never been so versatile! Appleton's all-in-one **hazardous** rated legacy "Jelly Jar" equivalent.
- The series offers a wide range of options to enable fixtures to be tailored to the facility's needs. Between just two models the lumen output ranges from 1,000 to 5,000 lumens with the added benefit of power (lumen level) and correlated color temperature field selectable technology.
- Both fixtures have the ability to be mounted in multiple positions for wall, ceiling and pendant mounts.

Lumens to Watts

- 1,000 lumens is equivalent to 60-75 W incandescent
- 2,000 lumens is equivalent to 100-150 W incandescent
- 3,500 lumens is equivalent to 150-200 W incandescent
- 5,000 lumens is equivalent to 200-300 W incandescent

Datasheet



Order Using Catalog Numbering Guide — Glomaster LED Series Luminaires

GLOLED
Series Prefix:
GLOLED - Glomaster LED Series

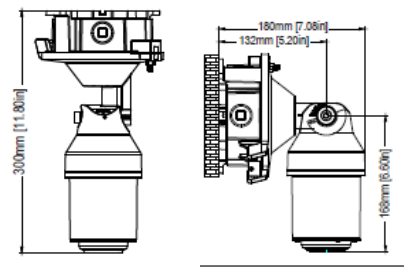
1Q
Lumen Level (nominal):
1Q - 1000 or 2000
5Q - 3500 or 5000

Z
Color Temperature (CCT):
Z - 3000K or 4000K or 5000K

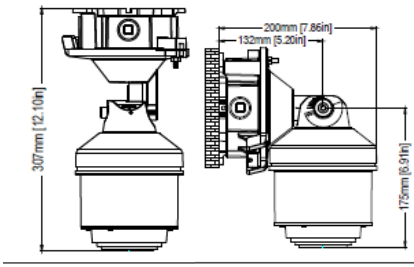
BU
Voltage:
BU - 120-277 Vac, 50/60 Hz

Dimensions

GLOLED1QZBU



GLOLED5QZBU



Appleton Group

IJL LED Series - Industrial

Features	Specifications
Voltage:	100-277 Vac 50/60Hz
Retrofit Equivalents:	60 Watt up to 300 Watt Incandescent
Lumens:	User Selectable 1,000 or 2,000 and 3,500 or 5,000
Efficacy:	Up to 149 lm/w
Color Temperatures:	User Selectable 3000K, 4000K or 5000K
CRI:	70+
Ambient Temperature:	-40°C to +55°C
LED Lumen Depreciation (L70):	>60,000 hours
Surge Protection:	6kV
Replaceable Components:	LEDs, Driver
Weight:	Low lumen: 2.3kg / 5.08lbs High lumen: 3.1kg / 6.84lbs
Warranty:	5 Years



- Multiple mounting positions available for easy installation.
- Knuckle design allows for adjustable wall mounting from 0° to 90°
- Superior thermal heat sink design. Cool operation from -40 °C to 55°C (-40°F to +131°F)
- All fixture options very lightweight from 5lbs to 7lbs
- Diffused globe for useable, comfortable lighting in all applications

IJLLED
(1000/2000 and 3500/5000 lumens)



Ease of Installation
All in One with multiple mounting positions available – wall, ceiling or pendant mounts



User Selectable Lumen Output and CCT
Fixtures offer dual lumen outputs that are selectable by the user as well as a user selectable CCT level.



Optional Wire Guards
Stainless steel wire guards (GUARDL/GUARDH) can be used for additional protection



Slim & Light Weight
Optional polycarbonate color globes available in:
red (RECAPL/RECAPH),
green (GRCAPL/GRCAPI),
blue (BLCAPL/BLCAPI) and
amber (AMCAPL/AMCAPI).
Used as indicator lights in multiple applications.

Webpage



Infographic



Video



LED Quick Release Program



Popular Part #'s

- IJLLED1QZBU
- IJLLED5QZBU

Appleton Group

IJL LED Series - Industrial

Key Information

- A facility's industrial rated lighting has never been so versatile! Appleton's all-in-one heavy **industrial** rated legacy "Jelly Jar" equivalent.
- The series offers a wide range of options to enable fixtures to be tailored to the facility's needs. Between just two models the lumen output ranges from 1,000 to 5,000 lumens with the added benefit of power (lumen level) and correlated color temperature field selectable technology.
- Both fixtures have the ability to be mounted in multiple positions for wall, ceiling and pendant mounts.

Lumens to Watts

- 1,000 lumens is equivalent to 60-75 W incandescent
- 2,000 lumens is equivalent to 100-150 W incandescent
- 3,500 lumens is equivalent to 150-200 W incandescent
- 5,000 lumens is equivalent to 200-300 W incandescent

Datasheet



Order Using Catalog Numbering Guide — IJL LED Series Luminaires

IJLLED
Series Prefix:
IJLLED - IJL LED Series

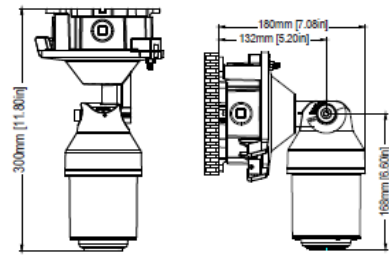
1Q
Lumen Level (nominal):
1Q - 1000 or 2000
5Q - 3500 or 5000

Z
Color Temperature (CCT):
Z - 3000K or 4000K or 5000K

BU
Voltage:
BU - 120-277 Vac, 50/60 Hz

Dimensions

IJLLED1QZBU



IJLLED5QZBU

