

# UNIVERSE<sup>®</sup> LED



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**UCL-LED** Spec  
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- Unique Modular Design
- High Performance LEDs

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MICROEMITTER™  
TECHNOLOGY

ARCHITECTURAL AREA LIGHTING



# Universe® LED

## Customizable

Unique modular design allows for complete customization

## MicroEmitter LED Technology

Powerful, uniform illumination with low glare

## Canted MicroEmitter™ Design

Precisely aims each diode for maximum reach and uniformity

## Upgradeable

Upgrade EmitterDeck™ as technology advances or retrofit existing HID installations

## LifeShield™ Protection System

Preserves diode life in extreme ambient conditions

## Dimming Control

0 - 10v dimming capabilities



UCM LED

## ORDERING INFORMATION

### UCM – MEDIUM HOUSING

#### LUMINAIRE

UCM Universe Medium (sag glass standard)

#### LUMINOUS ELEMENT\*

(blank)	No Luminous Element	VSL	Vertical Slots
WND	4 Luminous Windows	LUM	Luminous Rings
SR	Solid Rings		


\*Adds 3W to total input watts.

#### HOOD


ANG	Angled Hood	STR	Straight Hood
BEL	Bell Hood	SKB	Skirted Bell
FLR	Flared Hood		

#### OPTICS/LED CONFIGURATION

T2-60LED-WW (3500K) T2-60LED-BW (5100K)  
Type 2. 60 light emitting diode array (72 watts). Class 1, 120 thru 277 volt.

T3-60LED-WW (3500K) T3-60LED-BW (5100K)   
Type 3. 60 light emitting diode array (72 watts). Class 1, 120 thru 277 volt.

T4-60LED-WW (3500K) T4-60LED-BW (5100K)  
Type 4. 60 light emitting diode array (72 watts). Class 1, 120 thru 277 volt.

T5-60LED-WW (3500K) T5-60LED-BW (5100K)   
Type 5. 60 light emitting diode array (72 watts). Class 1, 120 thru 277 volt.  
350mA drive current.

UCM Ordering Information Example	LUMINAIRE	LUMINOUS ELEMENT	HOOD	OPTICS/ LED CONFIGURATION	OPTIONS	COLOR	MOUNTING
	UCM	LUM	ANG	T3-60LED-BW	COP/BL	CRT	See Brochure

Refer to AAL's Universe brochure for photometry and complete specification and ordering details.

## NEW LED MODELS



Nighttime rendering with UCM-T2 and UCM-T3

#### UPGRADE KIT

A field replaceable upgrade kit is available for existing UCM-H (HID/CFL) reflector models. The kit comes complete with driver and 20 LED MicroEmitters (60 diodes/72 total input watts). Please contact your AAL representative for complete details.

#### OPTIONS

- FTG Flat glass lens instead of standard sag glass.
- RCK Rock guard. Painted black, attached to door frame.
- SLC Internal sleeve to block light from the lens when a Luminous Element is chosen.
- COP Copper hood. Underside high reflectance white.
- STS Stainless steel hood. Underside high reflectance white.
- BL Blue inner lens for LUM option, adds color to ring edges.
- RD Red inner lens for LUM option, adds color to ring edges.
- GRN Green inner lens for LUM option, adds color to ring edges.

#### COLOR

All 13 standard AAL colors available. For RAL, please submit a 4-digit RAL number or color chip for custom colors.

#### MOUNTING

Standard is arm mount. Please visit [www.aal.net](http://www.aal.net) for the complete selection of decorative arms.



PATENTS PENDING

## ORDERING INFORMATION

### UCL - LARGE HOUSING

#### LUMINAIRE

UCL Universe Large (flat glass standard)

#### LUMINOUS ELEMENT\*

(blank) No Luminous Element VSL Vertical Slots  
 WND 4 Luminous Windows LUM Luminous Rings  
 SR Solid rings


\*Adds 3W to total input watts.

#### HOOD


ANG Angled Hood FLR Flared Hood  
 BEL Bell Hood SKB Skirted Bell Hood

#### OPTICS/LED CONFIGURATION

T2-120LED-WW (3500K) T2-120LED-BW (5100K)  
 Type 2. 120 light emitting diode array (138 watts). Class 1, 120 thru 277 volt.

T3-120LED-WW (3500K) T3-120LED-BW (5100K)   
 Type 3. 120 light emitting diode array (138 watts). Class 1, 120 thru 277 volt.

T4-120LED-WW (3500K) T4-120LED-BW (5100K)  
 Type 4. 120 light emitting diode array (138 watts). Class 1, 120 thru 277 volt.

T5-120LED-WW (3500K) T5-120LED-BW (5100K)   
 Type 5. 120 light emitting diode array (138 watts). Class 1, 120 thru 277 volt.

350mA drive current.

#### UPGRADE KIT

A field replaceable upgrade kit is available for existing UCL-H (HID/CFL) reflector models. The kit comes complete with driver and 40 LED MicroEmitters (120 diodes/138 total input watts). Please contact your AAL representative for complete details.



#### OPTIONS

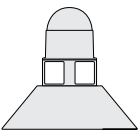
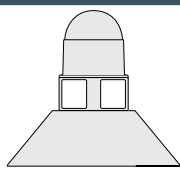
FLD Lightly diffused finish on flat lens.  
 COP Copper hood. Underside high reflectance white.  
 STS Stainless steel hood. Underside high reflectance white.  
 BL Blue inner lens for LUM option, adds color to ring edges.  
 RD Red inner lens for LUM option, adds color to ring edges.  
 GRN Green inner lens for LUM option, adds color to ring edges.

#### COLOR

All 13 standard AAL colors available. For RAL, please submit a 4-digit RAL number or color chip for custom colors.

#### MOUNTING

Standard is arm mount. Please visit [www.aal.net](http://www.aal.net) for the complete selection of decorative arms.

Family	Luminaire Code	Distribution Type	LED Configuration	Wattage Consumption	Lumen Output	Lumens per Watt	CCT	UCM	UCL
Universe Medium	UCM-T3	Type 3	60LED-BW	72	3486	49	5100K		
Universe Large	UCL-T3	Type 3	120LED-BW	138	6221	45	5100K	HT: 14.5" - 24.5" DIA: 20" - 24"	HT: 21" - 32.5" DIA: 30" - 32"

UCL Ordering Information Example	LUMINOUS ELEMENT			OPTICS/ LED CONFIGURATION	OPTIONS	COLOR	MOUNTING
	LUMINAIRE	ELEMENT	HOOD				
	UCL	LUM	ANG	T3-120LED-BW	—	CRT	See Brochure
Refer to AAL's Universe brochure for photometry and complete specification and ordering details.							

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For more information on any of AAL's LED  
products, please visit us at  
[www.aal.net/aal/ucled.html](http://www.aal.net/aal/ucled.html)



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