

PROJECT: TYPE:

Features

Extending the design language of the Indirect Grid Cove system and Perimeter Wash, the Grid Cove family presents a Wall Mounted Uplight. This wall mounted fixture produces a soft and smooth gradient of uplight. The sleek knife-edge profile maintains a clean aesthetic and conceals the LED source.



Product Overview

Type: Wall Mount Uplight

Wattage: Configurable from 3W/ft to 10W/ft

Color Temp: 3000K, 3500K, 4000K

CRI: 90+ typ.

Dimming: 0-10V, Hi-lume®, DALI

Certifications







Fixture Summary

Performance Data

Ordered Wattage/Foot	Actual Wattage/Ft	Lumens/Foot	LPW
Wallage/Fool	wattage/Ft	Lumens/Foot	LPVV
3	3.02	296	98
4	3.95	394	100
5	5.01	528	105
6	6.00	611	102
7	6.98	710	102
8	8.00	809	101
9	9.00	897	100
10	10.03	986	98

Data is based on 3500K, 90+ CRI



PROJECT: TYPE: **Ordering Information - Housing/Frame** GCOVE-WM WASY 120/277 5 9 6 8 Model **Optics** Wattage Color Temp Voltage WASY wide asymmetric 3 3W/ft 309 3000K-90+ **BWH** blizzard white 120/277 $\textbf{GCOVE-WM} \ \, \textbf{grid cove wall}$ mount uplight 4 4W/ft 359 3500K-90+ **5** 5W/ft **409** 4000K-90+ 6 6W/ft 7 7W/ft 8 8W/ft 9 9W/ft 10 10W/ft Length Configuration Driver/Controls Straights 0-10V 1% electronic dimming, multi-volt 120-277VAC IND individual fixture, 4' to 8' in 2' increments constant current driver (standard) CON continuous run > than 8', specify to nearest foot HILUME-H-ECO Lutron LDE1 Hi-lume® 1% dim Soft-On/Fade-to-Black CUS custom made to measure, +/- 1/8" of customer supplied field dimensions **DALI** DALI dimming 120-277VAC, 1% dim



PROJECT: TYPE:

Specifications

Application

Wall mounted to provide a soft smooth gradient indirect light. Can be used in Commercial, Educational, Healthcare and various other applications.

Construction

Extruded aluminum housing.

Galvanized cold-rolled steel brackets.

Die-cast aluminum end caps.

Optical

Lenses are snap-in extruded acrylic with maximum length of 8ft.

The non-porous and smooth acrylic lens is ideal for applications requiring a wipe-down lens.

WASY - wide asymmetric optic maximizes light projection and uniformity

LED

Color Temp Options: 3000K, 3500K, 4000K

CRI: 90+ typ.

R9 Values: 55 (92 CRI) Binning: 3 MacAdam (SDCM)

Life: 50,000+ hrs, > 70% of initial lumens at 50,000 hrs

Electrical

Wattage: 3W/ft to 10W/ft

Electronic constant current LED driver, 120/277VAC input

This product complies with IEEE C62.41 for surge endurance up to 2.5KV. Amerlux® recommends using additional surge protection with this unit (supplied by others), surge and over voltage damage is not covered under warranty.

Finish

All painted surfaces are premium powder coated baked on for maximum durability and color stability.

BWH - blizzard white

Mounting

Fixture mounts to the wall using brackets.

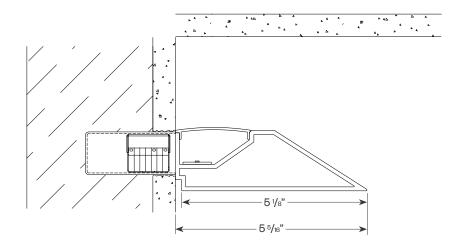
Certifications

CSA damp as tested to UL 1598 standards Damp location

Warranty

5 year limited warranty

Product Details





PROJECT: TYPE:

Performance Data

Multiplying Factors: (Multiplying Factor is based on 3500K-90 120V IES file on website)

Wattage:	3W	4W	5W	6W	7W	8W	9W	10W
Factor:	0.30	0.40	0.51	0.62	0.72	0.82	0.91	1.00

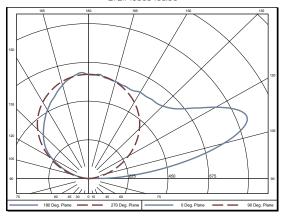
Note: Wattage multipliers are based on a 10W/ft reference value.

CCT:	2700K-90	3000K-90	3500K-90	4000K-90
Factor:	0.95	0.96	1.00	1.04

GRID COVE WM WIDE ASYMMETRIC LENS 5W 3500K 90CRI 4FT

Total Watts: 20 Total Lumens: 2111 Source: 192 White LED's

LTL# 15863453.06



ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixt		
0-40	0	0.0		
0-60	0	0.0		
0-90	0	0.0		
90-180	2111	100.0		
Efficacy (lumens/watt) = 105.3 lm/W				

COEFFICIENTS OF UTILIZATION

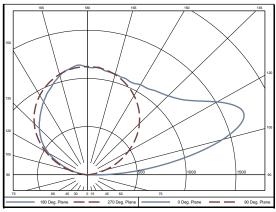
RC		8	0	
RW	70	50	30	10
RCR				
0	95	95	95	95
1	87	83	79	76
2	79	72	66	62
3	72	63	57	51
4	65	56	48	43
5	60	49	42	36
6	55	44	36	31
7	50	39	32	27
8	47	35	28	23
9	43	32	25	20
10	40	29	22	18
	,			

Note: Values expressed as % of total lumen output delivered to the task surface.

GRID COVE WM WIDE ASYMMETRIC LENS 10W 3500K 90CRI 4FT

Total Watts: 40 Total Lumens: 3942 Source: 192 White LED's

LTL# 15863453.05



ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixt
0-40	0	0.0
0-60	0	0.0
0-90	0	0.0
90-180	3942	100.0
Ecc (00.01 /14/

Efficacy (lumens/watt) = 98.2 lm/W

COEFFICIENTS OF UTILIZATION

RC		80				
RW	70	50	30	10		
RCR						
0	95	95	95	95		
1	87	83	79	76		
2	79	72	66	62		
3	72	63	57	51		
4	65	56	48	43		
5	60	49	42	36		
6	55	44	36	31		
7	50	39	32	27		
8	47	35	28	23		
9	43	32	25	20		
10	40	29	22	18		
	,	1 0/ 0:				

Note: Values expressed as % of total lumen output delivered to the task surface.



PROJECT: TYPE:

Dimming Compatibility (continued)

Amerlux* Grid Cove fixtures are compatible with all major dimming protocols prevalent in the United States. Please see below for general compatibilities and wiring diagrams. Amerlux recommends testing your unique dimming configuration as the exact full configuration (Dimmer, Fixture Quantity, Voltage, etc.) may affect dimming performance.

--- NOTE: INFORMATION BELOW IS FOR WIRED DIMMERS ONLY. FOR WIRELESS DIMMERS, CONSULT FACTORY ---

0.401/14/11

0-10V Dimming

Integrates into a variety of building management and daylighting controls

Notes:

- 120VAC or 277VAC*
- Dims down to 1% light output
- · Requires interface to turn off power to driver
- Consult Dimming manufacturer for installation instructions - DO NOT SHARE NEUTRALS!

0-10V Wiring	Diagran	n				
Ground O-10 Cont	ning	Gray Purple Black White Green	•	Driver 0-10V (-) 0-10V (+) Switched Hot Neutral Ground	•	V+ Red V- Black

Compatible Dimmers†:				
Wall Box		Central System		
Lutron "Diva" - DVSTV	Leviton Renoir II 0-10V	Lutron Grafik Eye with GRX-TVI Interface		

LUTRON LDE1 DIMMING

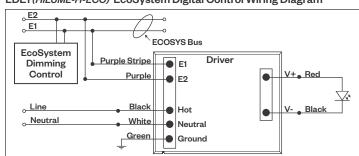
Integrates into Lutron EcoSystem building management

Notes:

- 120VAC or 277VAC*
- · Dims down to 1% Soft-On/Fade-to-Black
- EcoSystem Control
- Consult Dimming manufacturer for installation instructions - DO NOT SHARE NEUTRALS!

Compatible Dimmers [†] :					
Lutron ECO System	Central System				
Pow Pak Dimming Modules	Lutron EcoSystem compatible controls				
Energi Savr Node					
Grafik Eye QS/Homeworks					
QS Control Unit					
Quantum Hub					
Homeworks QS/My Room					

LDE1 (HILUME-H-ECO) EcoSystem Digital Control Wiring Diagram



DALI - DALI DIMMING 120V-277V

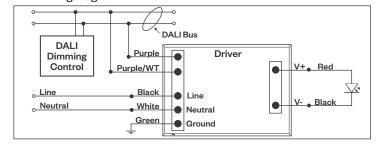
Digital control protocol allows individual fixture control

Notes:

- 120VAC 277VAC*
- Dims down to 1% light output in most cases

Compatible Dimmers†:				
Wall Box	Central System			
Leviton CD250 Controller	Dynalite			
	Fifth Light			

DALI Wiring Diagram



Notes:

- * Driver is 277VAC dimmable with appropriate dimmer (by others). All provided wiring diagrams show 120VAC wiring colors and method. Please refer to 277VAC dimmer installation instructions for 277VAC wiring diagrams.
- † The absence of a dimmer from the lists above does not imply incompatibility. Please consult factory for compatibility inquiries.