

GRÜV® MINI EXTRUDED

2.5" RECESSED LINEAR LED, GYP BOARD

APPLICATIONS:

Retail and commercial ambient lighting in wall to ceiling applications

CONSTRUCTION:

Extruded aluminum housing
Ceiling trim is high reflectance white finish

ELECTRICAL:

Electronic, multi-volt (120v-277v) constant current driver
Dimmable, 0-10v

This product complies with IEEE C62.41 for surge endurance up to 3KV. Amerlux recommends using additional surge protection with this unit (supplied by others), surge damage is not covered by warranty.

Emergency circuit via remote inverter or auxiliary emergency power supply (by others)

MOUNTING:

For use in sheet rock ceilings or walls only
Fixtures must be installed before finished ceiling or walls are installed

OPTICS:

5w/ft or 10w/ft
Color Temp: 2700K, 3000K, 3500K, 4000K
CRI: 80 typ
Life: 50,000 hrs
Lumen Maintenance: >70% of initial lumens @ 50,000 hrs
Lumen Output (perf lens, 3500K): 463 lm/ft (5w)
834 lm/ft (10w)

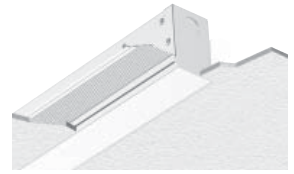
Extruded white acrylic lens, snap-in, 8' maximum section
Amerlux® exclusive white acrylic lens provides excellent transmission while effectively concealing lamp image
Specify either Designer Lens (DL), which provides flat even glow on lens or Performance Lens (PL), which provides higher efficiency with a greater linear hot spot on lens. Designer Lens is standard

LABELING:



For indoor use only

GRUVM-EX-GB
LED



PROJECT:

TYPE:



Electrostatic sensitive device,
observe precautions for handling



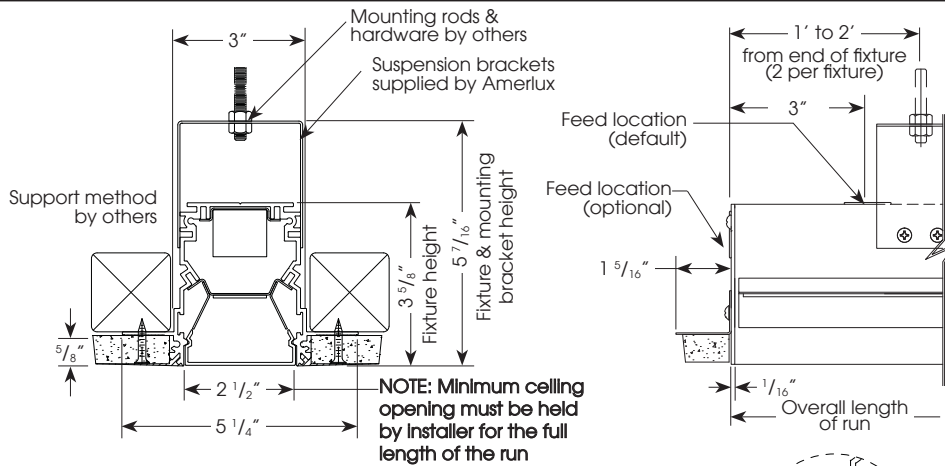
(see next page for details)



Enlightened Sensor
(optional)

10 year limited
warranty
AMERLUX LED

(see website for details)



ELECTRICAL

Driver	Wattage per foot	Lamping				
		4'		8'		
		System watts	Amps	System watts	Amps	
Electronic	5	120v	21.7	0.18	43.8	0.36
		277v	24.1	0.10	44.6	0.16
	10	120v	47.3	0.39	94.6	0.78
		277v	47.6	0.18	95.2	0.36

ORDERING INFORMATION:

Model	Lens	Wattage Per Foot	Lamp Type	Color Temp	Voltage	Length	Mounting	Options/Accessories
GRUVM-EX-GB	DL - designer lens (standard)	5	LED	2700	120/277	4 - 4'	<u>For Straight Runs</u> IND - individual BOR - beginning of run MOR - middle of run EOR - end of run	HILUME-DH - Lutron Hi-lume® 3 wire, 1% dim HILUME-ECO - Lutron Hi-lume® EcoSystem, 1% dim
	PL - performance lens	10		3000		8 - 8'		
				3500			<u>For Ceiling/Wall Corner</u> BORWC - beginning of run, wall corner EORWC - end of run, wall corner BORCC - beginning of run, ceiling corner EORCC - end of run, ceiling corner	CP - Chicago Plenum (CCEA) ENLS - Enlighted Sensor S+ - standard plus

Example: GRUVM-EX-GB-DL-5-LED-3000-120/277-8-IND

Cat #:

Amerlux reserves the right to change details that do not affect overall function and performance.



QUICKSHIP GRÜV® MINI EXTRUDED

2.5" RECESSED LINEAR LED, GYP BOARD

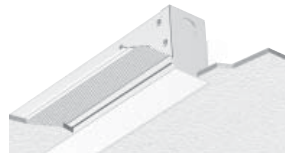
GRUVM-EX-GB
LED

Amerlux® QuickShip makes it possible not only to keep up with expectations, but to keep ahead of them. We help enhance your competitive edge, ensuring you can start installation more quickly than you thought possible.

We can ship within 5-10 business days of your Amerlux QuickShip order, depending upon the selection.

- **QuickShip must be clearly marked on all P.O.'s.**
- **Must note on P.O. if requesting frames ship first.**
- **Standard shipping terms apply.**
- **See terms & conditions below.**

Quantity: 50 pieces or less
10 days



PROJECT:

TYPE:

QUICKSHIP ORDERING INFORMATION:

Model	Lens	Wattage per Foot	Lamp Type	Color Temp	Voltage	Length	Mounting	Options
GRUVM-EX-GB	DL - designer lens	5 10	LED	3000 3500	120/277	4 - 4'	IND - individual	CP - Chicago Plenum (CCEA)

Complete **QuickShip** Example: GRUVM-EX-GB-DL-5-LED-3000-120/277-4-IND

Cat #:

Terms & Conditions

1. For QuickShip processing, please submit QuickShip items on separate purchase order and indicate "QuickShip" on order.
2. Configurations outside of what is displayed on the QuickShip program are not available under the QuickShip lead times.
3. Please contact Customer Support to process orders with quantities larger than those listed.
4. Orders will be entered within 24 hours of receipt of a clean purchase order. Lead times are calculated by business days from time of sales order confirmation. Orders will ship within QuickShip lead times or sooner.
5. Change orders and order cancellations cannot be processed after sales order confirmation is generated.
6. For freight allowed (greater than \$3,000), order will ship complete based on longest lead time item. Please indicate on PO if Partial Shipments are approved and indicate freight method. For partial shipments under \$3,000, customer will be invoiced for freight.
7. All Lead times indicate when the fixture ships from Amerlux®. Arrival at destination is contingent upon carrier.

Expedite your orders by providing:

- **Separate purchase order noting "QuickShip Program"**
- **Complete and accurate configurations**
- **Accurate pricing, quote number, shipping and contact information**

Amerlux reserves the right to modify this program at any time.

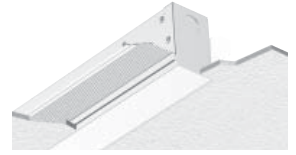
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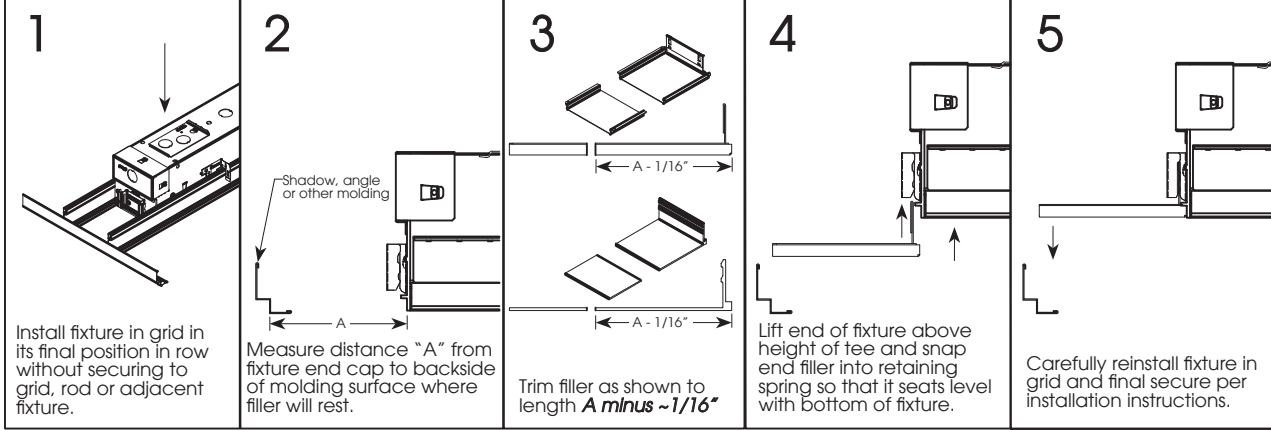


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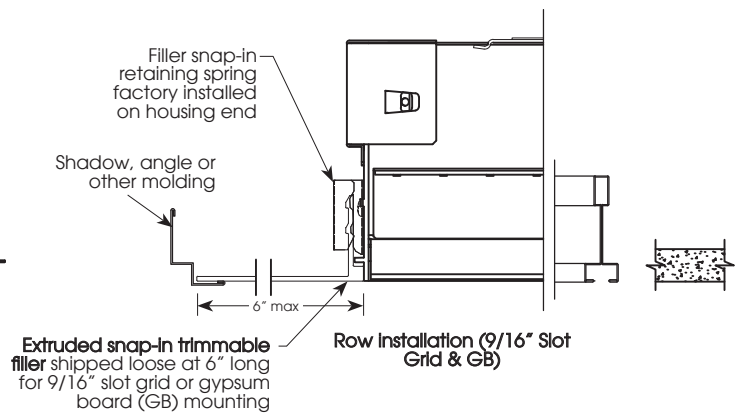
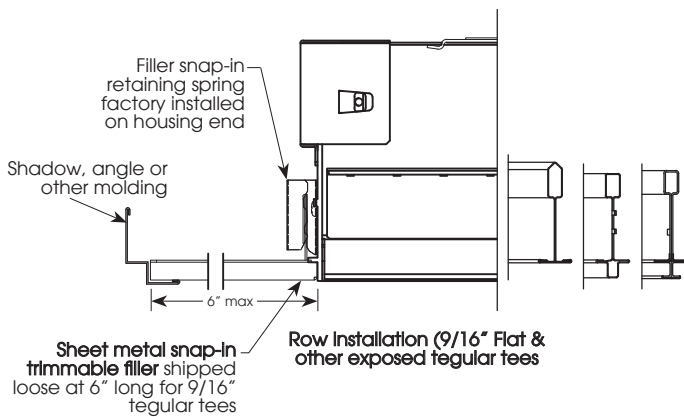
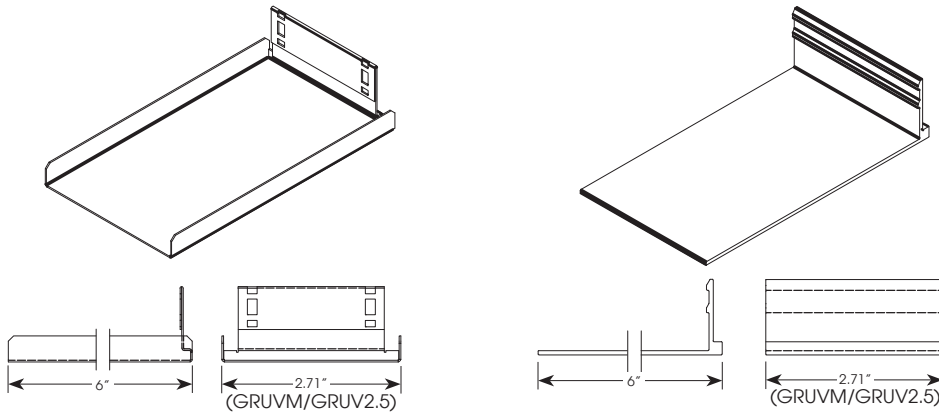


STANDARD PLUS (FILLER):

FILLER TRIM AND INSTALLATION (GRUV 1.5 GRID SHOWN HERE)



*For GB installation, cut extruded filler to field measured length and install in fixture as shown in step 4 above.



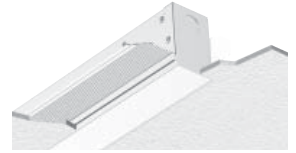
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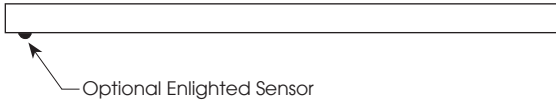


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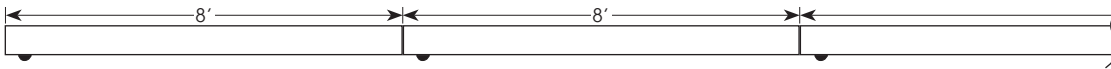


STANDARD PLACEMENT(S) FOR (OPTIONAL) ENLIGHTENED SENSOR:

4 FT OR 8 FT DIRECT



RUNS



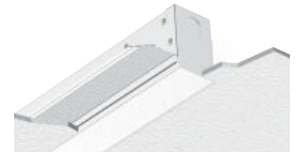
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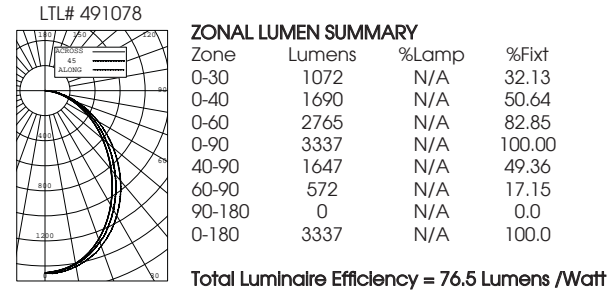
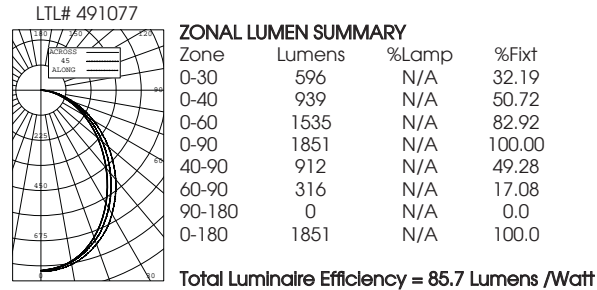
FIXTURE DATA:

Complete photometric data (.ies format) available upon request.

PERFORMANCE LENS:

GRÜV MINI 5W LED 4FT 3500K
SOURCE: 120 WHITE LEDS LUMENS: 1851
RECESSED

GRÜV MINI 10W LED 4FT 3500K
SOURCE: 120 WHITE LEDS LUMENS: 3337
RECESSED



COEFFICIENTS OF UTILIZATION
Effective Floor Cavity Reflectance 20%

RC	80			
RW	70	50	30	10
RCR				
0	1.19	1.19	1.19	1.19
1	1.10	1.06	1.02	0.99
2	1.02	0.95	0.89	0.84
3	0.94	0.85	0.77	0.72
4	0.87	0.76	0.69	0.63
5	0.81	0.69	0.61	0.55
6	0.75	0.62	0.54	0.48
7	0.69	0.56	0.48	0.43
8	0.64	0.51	0.46	0.38
9	0.60	0.47	0.39	0.34
10	0.55	0.43	0.35	0.30

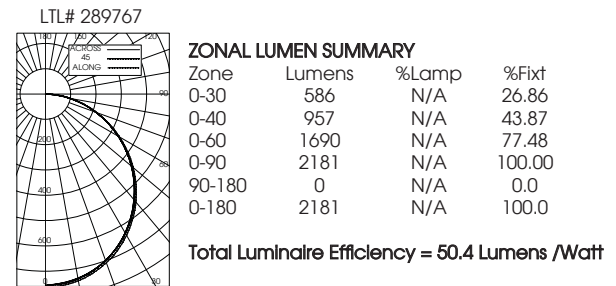
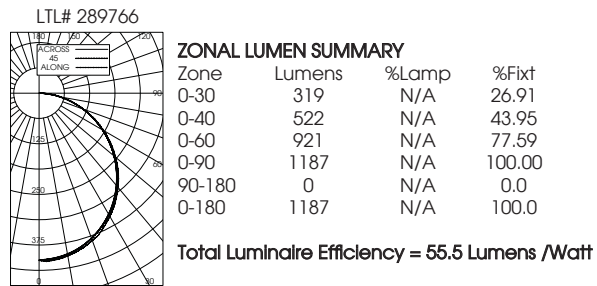
COEFFICIENTS OF UTILIZATION
Effective Floor Cavity Reflectance 20%

RC	80			
RW	70	50	30	10
RCR				
0	1.19	1.19	1.19	1.19
1	1.10	1.06	1.02	0.99
2	1.02	0.95	0.89	0.84
3	0.94	0.85	0.77	0.72
4	0.87	0.76	0.69	0.63
5	0.81	0.69	0.61	0.55
6	0.75	0.62	0.54	0.48
7	0.69	0.56	0.48	0.43
8	0.64	0.51	0.43	0.38
9	0.60	0.47	0.39	0.34
10	0.55	0.43	0.35	0.30

DESIGNER LENS:

GRÜV MINI 5W LED 4FT 3500K
SOURCE: 120 WHITE LEDS LUMENS: 1187
RECESSED

GRÜV MINI 10W LED 4FT 3500K
SOURCE: 120 WHITE LEDS LUMENS: 2181
RECESSED



COEFFICIENTS OF UTILIZATION
Effective Floor Cavity Reflectance 20%

RC	80			
RW	70	50	30	10
RCR				
0	1.19	1.19	1.19	1.19
1	1.09	1.04	1.00	0.97
2	1.00	0.92	0.86	0.80
3	0.91	0.81	0.73	0.67
4	0.84	0.73	0.64	0.58
5	0.77	0.65	0.56	0.50
6	0.71	0.58	0.50	0.43
7	0.65	0.52	0.44	0.38
8	0.61	0.47	0.39	0.33
9	0.56	0.43	0.35	0.29
10	0.52	0.39	0.31	0.26

COEFFICIENTS OF UTILIZATION
Effective Floor Cavity Reflectance 20%

RC	80			
RW	70	50	30	10
RCR				
0	1.19	1.19	1.19	1.19
1	1.09	1.05	1.00	0.97
2	1.00	0.92	0.86	0.80
3	0.91	0.81	0.73	0.67
4	0.84	0.73	0.64	0.58
5	0.77	0.65	0.56	0.50
6	0.71	0.58	0.50	0.43
7	0.65	0.52	0.44	0.38
8	0.61	0.47	0.39	0.33
9	0.56	0.43	0.35	0.29
10	0.52	0.39	0.31	0.26