

# GRÜV® MINI EXTRUDED FLANGE

## 2.5" RECESSED LINEAR LED, GRID CEILINGS

### APPLICATIONS:

Retail and commercial ambient lighting

### CONSTRUCTION:

Extruded aluminum housing  
Internal components are die-formed cold-rolled steel  
Powder coat high reflectance white finish  
Nominal overall fixture lengths shown on next page

### ELECTRICAL:

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

**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)**

### LABELING:



For indoor use only

### OPTICS:

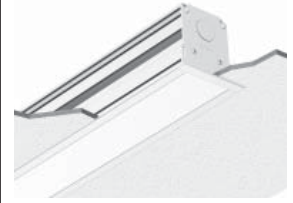
5w/ft or 10w/ft  
Color Temp: 2700K, 3000K, 3500K, 4000K  
CRI: 80 typ  
Life: 50,000 hrs  
Lumen Maintenance: >70% of initial lumens @ 50,000 hrs  
Lumen Output (per lens, 3500K): 463 lm/ft (5w)  
834 lm/ft (10w)

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

### MOUNTING:

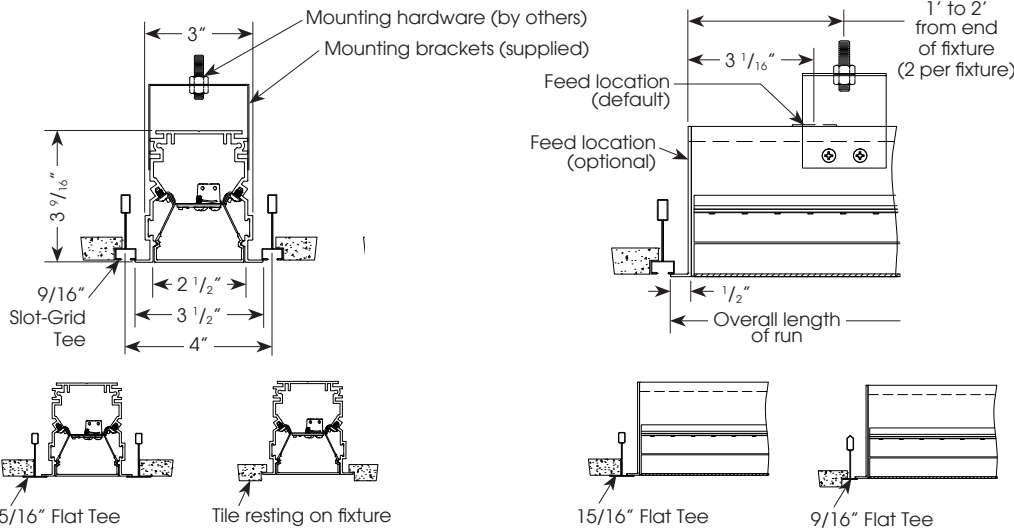
For use in 9/16" slot grid or 9/16" and 15/16" flat tee grid ceilings.  
Ceiling interface not by Amerlux. Ceiling tile may rest on fixture flange in certain applications

GRUVM-EX-FLANGE-GRID  
LED



PROJECT:

TYPE:



### ELECTRICAL

Driver	Wattage per foot	System watts	Lamping		System watts	Amps
			4'	8'		
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	Finish	Voltage	Length	Configuration	Options/Accessories
GRUVM-EX-FLANGE-GRID	DL - designer lens (standard) PL - performance lens	5 10	LED	2700 3000 3500 4000	HW - high reflectance white	120-277	4 - 4' 8 - 8'	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 CP - Chicago Plenum ENLS - Enlighted Sensor

Example: GRUVM-EX-FLANGE-GRID-DL-5-LED-3000-HW-120-8-IND

Cat #:

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



Enlighted Sensor (optional)

**10** year limited warranty  
AMERLUX LED

(see website for details)

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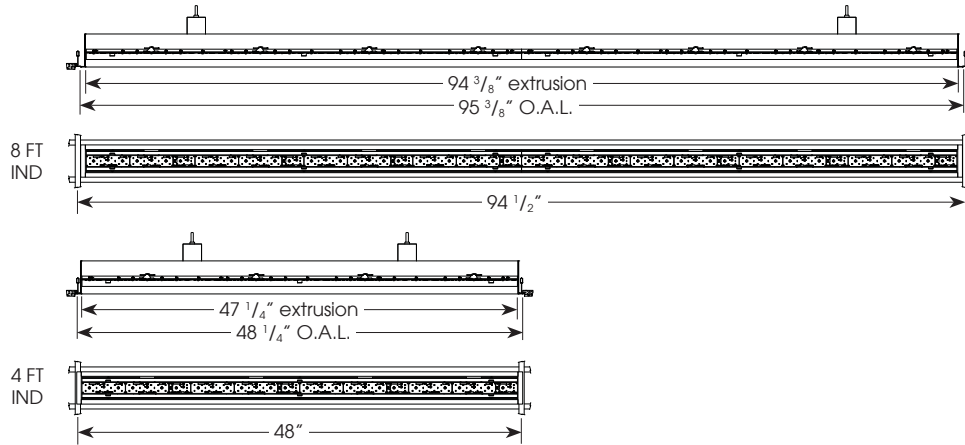
GRUVM-EX-FLANGE-GRID  
LED



TYPE:

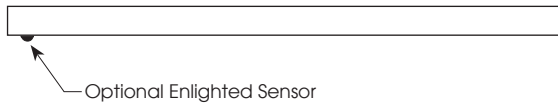


## RUN LENGTHS:

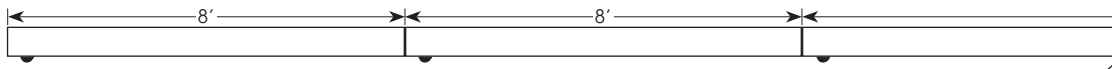


## STANDARD PLACEMENT(S) FOR (OPTIONAL) ENLIGHTED SENSOR:

### 4 FT OR 8 FT DIRECT



## RUNS



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GRUVM-EX-FLANGE-GRID  
LED



TYPE:



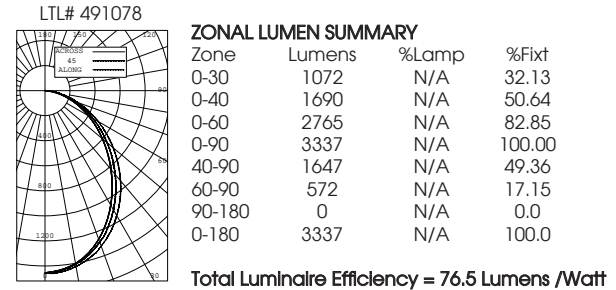
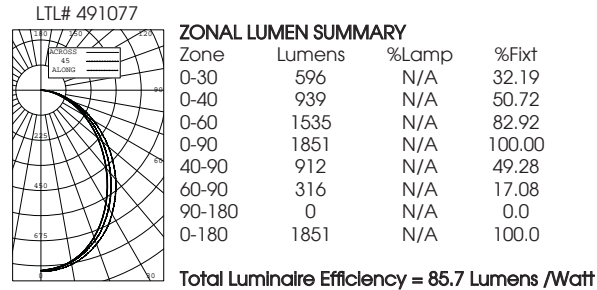
**FIXTURE DATA:**

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**

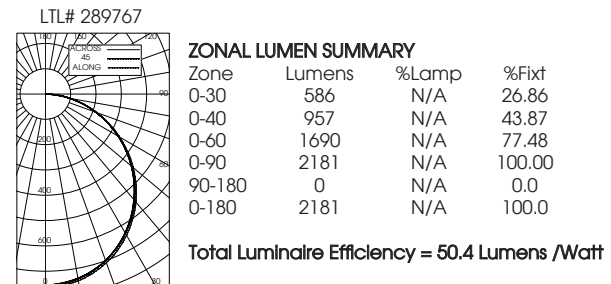
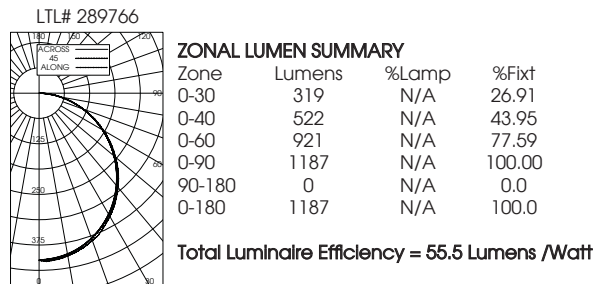
Effective Floor Cavity Reflectance 20%

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