

GRÜV® 6" HIGH EFFICIENCY

6" RECESSED LINEAR FLANGED LED

APPLICATION:

Retail and commercial recessed ambient lighting

CONSTRUCTION:

Steel housing
Extruded aluminum ceiling trim
Die-formed, cold-rolled steel internal components and external housing

ELECTRICAL:

Electronic, multi-volt (120v-277v) constant current driver
Dimmable, 0-10v (not on 2' or 3' lengths at 5w/ft)
5w/ft - 1 LED driver per 8', 10w/ft - 1 xLED driver per 4'
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 (3500K): 361 lm/ft (5w)
658 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:

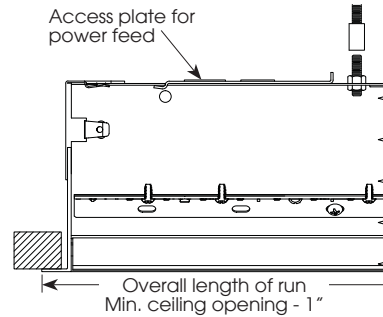
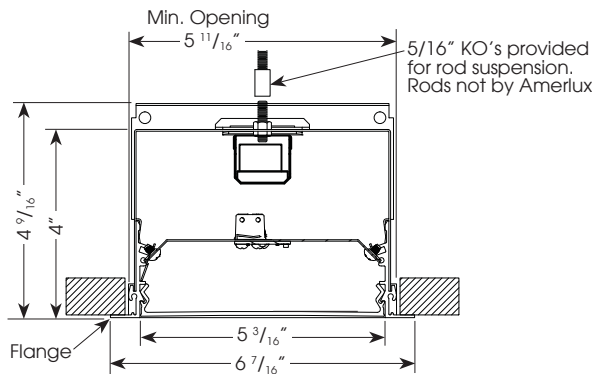
For use in gypsum board or wood ceilings
For individual or continuous row applications
Fixture installed before ceiling

GRÜV6-HE-FLANGE LED



PROJECT:

TYPE:



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



Enlighted Sensor (optional)

10 year limited warranty
AMERLUX LED

(see website for details)

ORDERING INFORMATION:

Model	Lens	Wattage Per Foot	Lamp Type	Color Temp	Finish	Voltage	Length	Configuration	Options/Accessories
GRUV6-HE-FLANGE	DL - designer lens (standard) PL - performance lens	5 10	LED	2700 3000 3500 4000	HW - high reflectance white	120/277	2 - 2' 3 - 3' 4 - 4' 5 - 5' 6 - 6' 7 - 7' 8 - 8' — - continuous run (consult factory)	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

*Note - For 10w fixtures - Due to driver limitations, not all output & length configurations are possible. Please consult factory.

Example: GRUV6-HE-FLANGE-DL-5-LED-3500-HW-120/277-4-IND

Cat #:

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



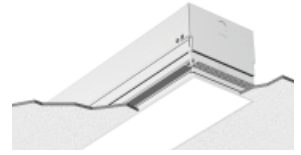
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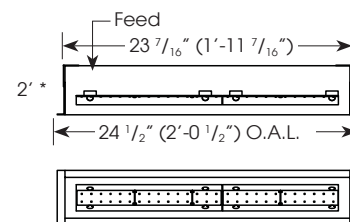
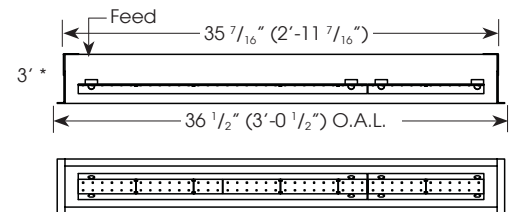
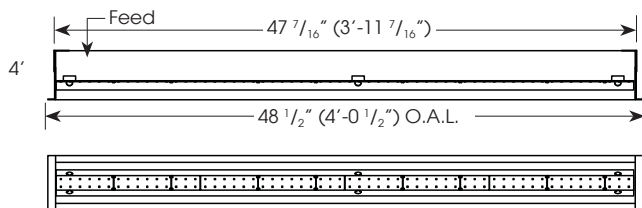
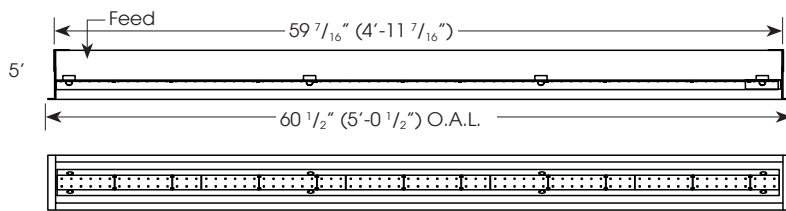
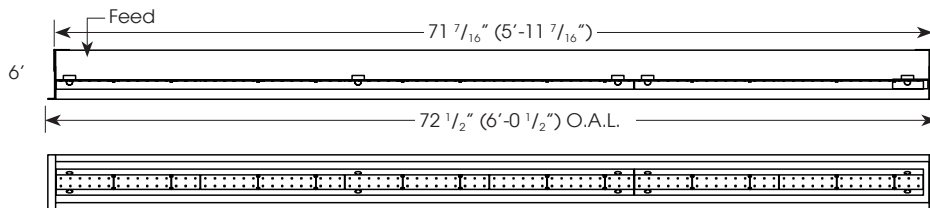
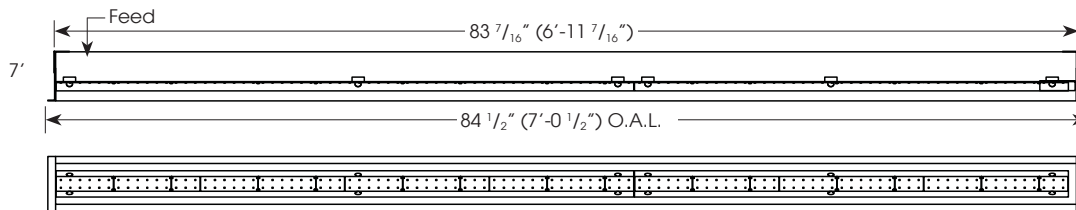
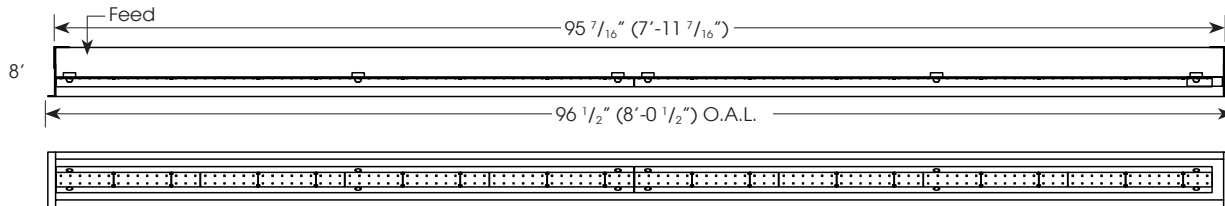


TYPE:



INDIVIDUAL FIXTURE LENGTHS:

* Note: 2' & 3' lengths are not dimmable at 5w/ft



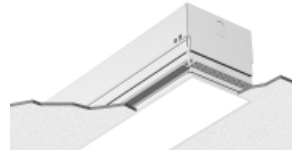
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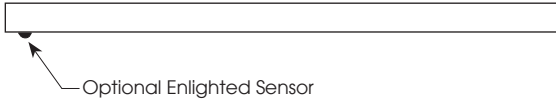


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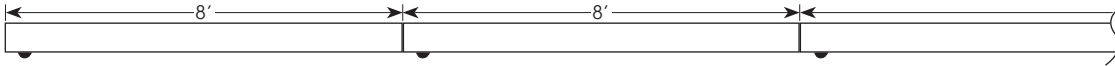


STANDARD PLACEMENT(S) FOR (OPTIONAL) ENLIGHTENED SENSOR:

4 FT OR 8 FT DIRECT



RUNS



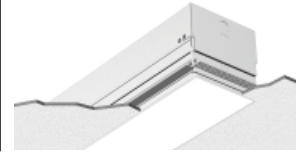
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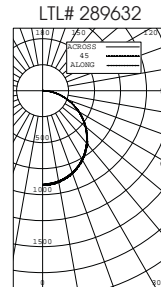
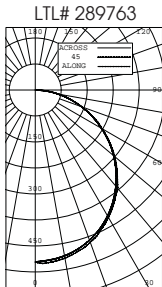
FIXTURE DATA:

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

DESIGNER LENS

GRÜV HE 5W LED 4FT 3500K
SOURCE: 120 WHITE LEDS LUMENS: 1445
RECESSED

GRÜV HE 10W LED 4FT 3500K
SOURCE: 120 WHITE LEDS LUMENS: 2632
RECESSED



ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	386	N/A	26.69
0-40	631	N/A	43.68
0-60	1118	N/A	77.35
0-90	1445	N/A	99.97
40-90	813	N/A	56.29
60-90	327	N/A	22.62
90-180	0	N/A	0.0
0-180	1445	N/A	100.0

Total Luminaire Efficiency = 66.3 Lumens /Watt

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	702	N/A	26.67
0-40	1149	N/A	43.64
0-60	2034	N/A	77.29
0-90	2631	N/A	99.96
40-90	1482	N/A	56.32
60-90	597	N/A	22.67
90-180	1	N/A	0.04
0-180	2632	N/A	100.0

Total Luminaire Efficiency = 60.0 Lumens /Watt

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	0.49	0.43
7	0.65	0.52	0.43	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	1.04	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	0.49	0.43
7	0.65	0.52	0.43	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