

# GRÜV® 6" HIGH EFFICIENCY

INTERNATIONAL RECESSED LINEAR LED, GYPSUM BOARD

## APPLICATION:

Retail and commercial recessed ambient lighting

## CONSTRUCTION:

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

## OPTICS:

5w/ft or 10w/ft, 3500K LED's standard  
Other color temps available  
Extruded white acrylic lens, snap-in, 8' maximum section  
Amerlux® exclusive white acrylic lens provides excellent transmission while effectively concealing lamp image

## ELECTRICAL:

Electronic constant current driver 240v  
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)

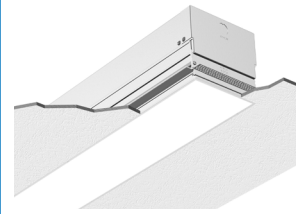
## MOUNTING:

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

## LABELING:

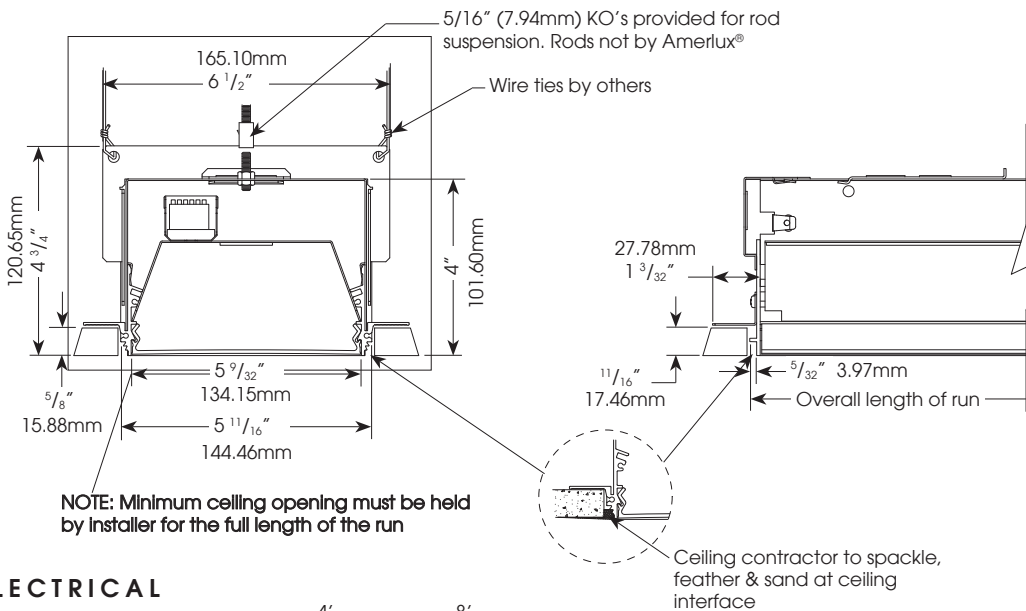
CE  
For indoor use only

I-GRÜV6-HE-GB  
LED



PROJECT:

TYPE:



## ELECTRICAL

Driver	Wattage per foot		4'		8'	
			System watts	Amps	System watts	Amps
Electronic	5	240v	18	.08	36	.15
	10	240v	36	.15	72	.30

## ORDERING INFORMATION:

Model	Wattage Per Foot	Lamp Type	Finish	Voltage	Length	Color Temp	Listing Code
I-GRUV6-HE-GB	5 10	LED	HW - high reflectance white	240	4 - 4' 8 - 8' — - continuous run (consult factory)	2700 3000 3500 4000	CE

Example: I-GRUV6-HE-GB-5-LED-HW-240-4-3500-CE

Cat #:

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

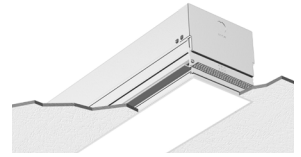
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INTERNATIONAL RECESSED LINEAR LED, GYPSUM BOARD

I-GRÜV6-HE-GB  
LED



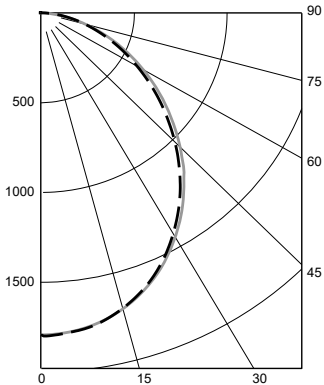
TYPE:



**FIXTURE DATA:** For 5w data, multiply by 0.53

GRÜV 6" HE PERFORMANCE LENS 10W 3500K 4FT  
Total Watts: 36; Total Lumens: 4,490  
Source: 120 White led's

LTL# 13170267.22



## ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixt
0-40	2174	48.4
0-60	3653	81.3
0-90	4489	100.0
90-180	0	0.0

Luminaire Efficacy = 125.1 lm/w

## COEFFICIENTS OF UTILIZATION

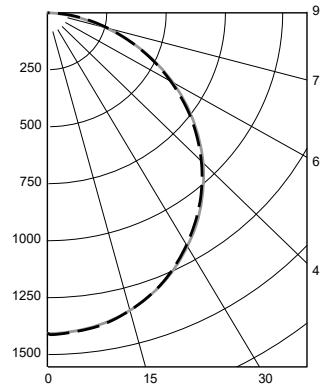
Effective Floor Cavity Reflectance 20%

RC	70	50	30	10
RW				
RCR				
0	119	119	119	119
1	109	105	100	97
2	100	92	85	79
3	91	81	73	67
4	84	72	63	57
5	77	65	56	49
6	71	58	50	43
7	66	53	44	38
8	62	48	40	34
9	58	45	37	31
10	54	41	33	28

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

GRÜV 6" HE DESIGNER LENS 10W 3500K 4FT  
Total Watts: 36; Total Lumens: 3,986  
Source: 120 White led's

LTL# 13170267.24



## ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixt
0-40	1777	44.6
0-60	3132	78.6
0-90	3986	100.0
90-180	0	0.0

Luminaire Efficacy = 110.7 lm/w

## COEFFICIENTS OF UTILIZATION

Effective Floor Cavity Reflectance 20%

RC	70	50	30	10
RW				
RCR				
0	119	119	119	119
1	109	104	99	96
2	99	90	83	78
3	90	79	71	64
4	82	70	61	55
5	76	63	54	47
6	70	56	47	41
7	65	51	42	36
8	60	47	38	32
9	56	43	35	29
10	53	40	32	26

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