

GRÜV® 4" HIGH EFFICIENCY

INTERNATIONAL RECESSED LINEAR LED, GYPSUM BOARD

I-GRÜV4-HE-GB
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 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)

LABELING:

CE
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 (perf lens, 3500K): 443 lm/ft (5w)
809 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

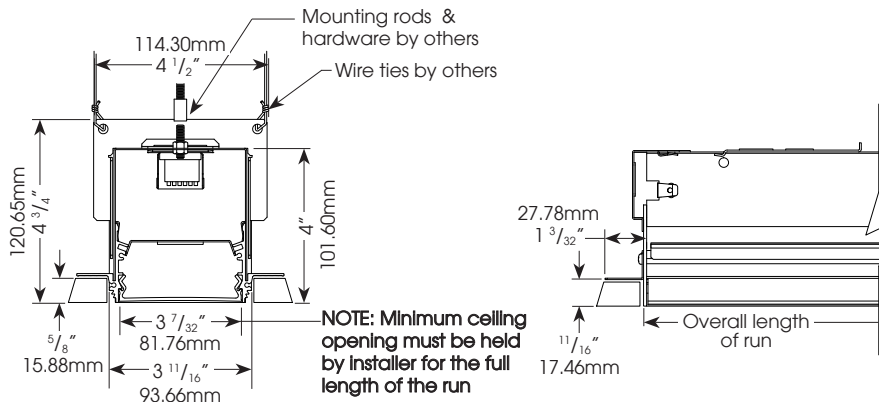
MOUNTING:

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



PROJECT:

TYPE:



ELECTRICAL

Driver	Wattage per foot		4'		8'	
			System watts	Amps	System watts	Amps
Electronic	5	240v	21	.09	42	.18
	10	240v	43	.18	86	.36

ORDERING INFORMATION:

Model	Lens	Wattage Per Foot	Lamp Type	Color Temp	Finish	Voltage	Length	Configuration	Listing Code
I-GRUV4-HE-GB	DL - designer lens (standard) PL - performance lens	5 10	LED	2700 3000 3500 4000	HW - high reflectance white	240	4 - 4' 8 - 8' — - continuous run (consult factory)	IND - individual BOR - beginning of run MOR - middle of run EOR - end of run	CE

Example: I-GRUV4-HE-GB-DL-5-LED-3500-HW-240-4-IND-CE

Cat #:

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

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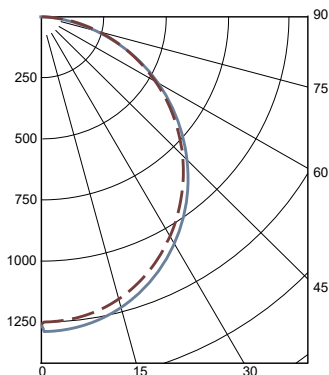
TYPE:



FIXTURE DATA: For 5w data, multiply by 0.53

GRÜV 4" HE PERFORMANCE LENS 10W 3500K 4FT
Total Watts: 36; Total Lumens: 4200
Source: 128 White led's

LTL# 14626239.24A



ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixt
0-40	2087	49.7
0-60	3448	82.1
0-90	4200	100.0
90-180	0	0.0

Luminaire Efficacy = 116.8 lm/w

COEFFICIENTS OF UTILIZATION

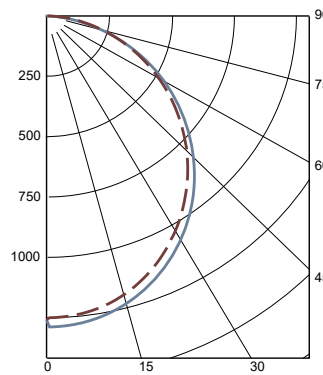
Effective Floor Cavity Reflectance 20%

RC	70	50	30	10
RW				
RCR				
0	119	119	119	119
1	109	105	101	97
2	100	92	86	80
3	92	81	74	67
4	84	73	64	58
5	78	65	56	50
6	72	59	50	44
7	67	54	45	39
8	62	49	41	35
9	58	45	37	32
10	55	42	34	29

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

GRÜV 4" HE DESIGNER LENS 10W 3500K 4FT
Total Watts: 36; Total Lumens: 3510
Source: 128 White led's

LTL# 14626239.25A



ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixt
0-40	1576	44.9
0-60	2758	78.6
0-90	3510	100.0
90-180	0	0.0

Luminaire Efficacy = 97.6 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	65
4	82	70	61	55
5	76	63	54	47
6	70	57	48	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.