

D9

D9 is a bold perimeter slot/reveal lighting luminaire that delivers ceiling to wall illumination with optimized performance using our patented HE Tech™ lens.

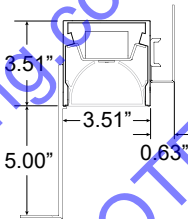


Performance

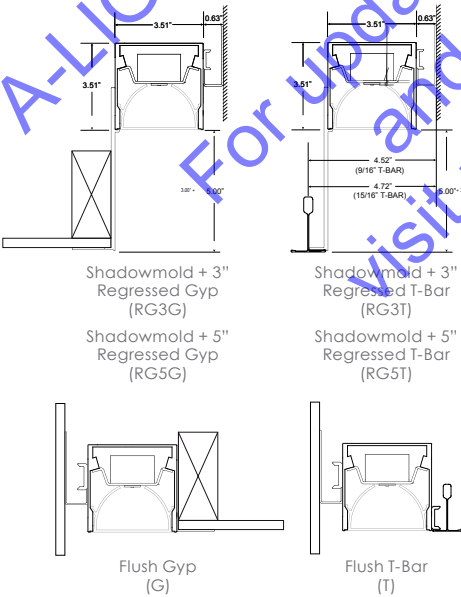
OUTPUT	OPTICS	DELIVERED		
		LUMEN OUTPUT	INPUT WATTS	EFFICACY
LVH (Very high)	HE Tech™	1300 lm/ft	13 W/ft	100 lm/W

Please consult factory for custom lumen output and wattage. For the complete photometric data of this fixture, go to page 5.

Dimensions



Mounting options





Need help?
Don't see what you need?
We know that having so many options can be overwhelming. Please reach out to our factory for any specific request or questions you have.

Our Design Assist team
(designassist@alights.com)
is here to make the process move smoothly.

Fast track nomenclature only. For complete nomenclature see "standard" specs sheet.

D9						
SERIES	LENGTH	OUTPUT	LED CCT	CRI	VOLTAGE	DIRECT OPTICS
D9	M_ Exact Length ¹	LS Standard Output LH High Output LVH Very high output C_ Custom Output ¹	30 3000k 35 3500k 40 4000k	80+ CRI	U 120-277V	HE HE Tech™
¹ Specify in inches to the nearest 1/8 (i.e. 180.125)		¹ Contact Design Assist for custom tuning or non-standard light outputs.				

MOUNTING		FINISH	DIMMING	OPTIONS
G	Flush Gyp	W White	D Standard 0-10V dimming ¹	R Right Endcap Feed
T	Flush T-Bar	B Black	NAIR nLight @AIR (dim-to-off) ²	L Left Endcap Feed
RG3G	Shadowmold + 3" Regressed Gyp	T Titanium		Q Wet Location ¹
RG3T	Shadowmold + 3" Regressed T-Bar			CP Chicago Plenum
RG5G	Shadowmold + 5" Regressed Gyp			
RG5T	Shadowmold + 5" Regressed T-Bar			
		¹ Dimming standard unless otherwise specified.		
		² nLight @AIR components completely integrated into fixture.		
		¹ Wet location suitable in full coverage and/or mullion mounted applications (direct to sky not recommended); not suitable for extreme weather applications. Refer to Wet Location brochure and contact Design Assist for more information.		

OTHER	
FT	Fast Track
¹ Option must be in part number in order to be considered fast track.	

Light distribution

DISTRIBUTION

Direct Symmetric

OUTPUT (DC)

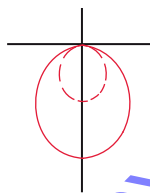
LVH: Uplight very high output - 13 W/ft

LH: Uplight high output - 10.5 W/ft

LS: Uplight standard output - 5 W/ft

C: Custom tuned output - Contact Design Assist

Photometric Data

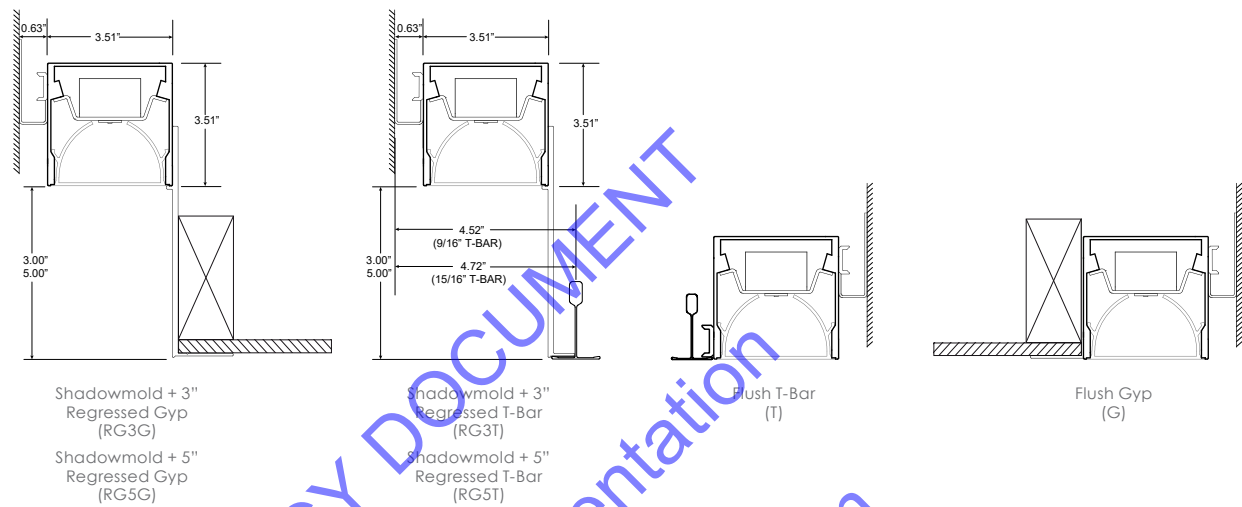
DIRECT SYMMETRIC
LVH - 3500K - HE TECH™Lumens: 1300 lm/ft
Input watts: 13 W/ft
Efficacy: 100 lm/WLH: ———
LS: - - - - -

Light loss factors (LLF)

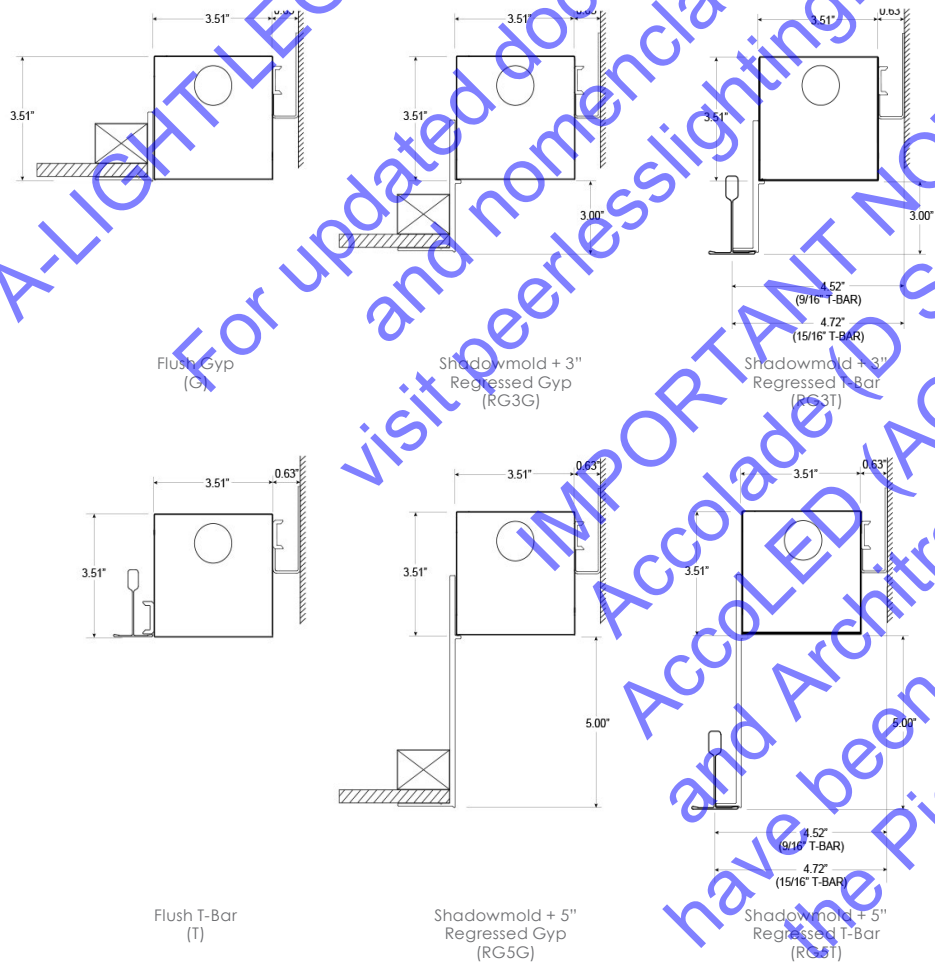
OUTPUT	CCT	LLF RATIO		DIRECT EFFICACY					
				G HE TECH		RG3G HE TECH		RG5G HE TECH	
		CRI 80	CRI 90	CRI 80	CRI 90	CRI 80	CRI 90	CRI 80	CRI 90
LVH (very high)	4000K	1.02	0.84	102 lm/W	84 lm/W	94 lm/W	77 lm/W	96 lm/W	79 lm/W
	3500K	1	0.83	100 lm/W	83 lm/W	92 lm/W	76 lm/W	94 lm/W	78 lm/W
	3000K	0.97	0.81	97 lm/W	81 lm/W	89 lm/W	75 lm/W	91 lm/W	76 lm/W
	2700K	0.94	0.79	94 lm/W	79 lm/W	86 lm/W	73 lm/W	88 lm/W	74 lm/W
LH (high)	4000K	1.02	0.84	108 lm/W	89 lm/W	99 lm/W	81 lm/W	97 lm/W	80 lm/W
	3500K	1	0.83	106 lm/W	88 lm/W	97 lm/W	81 lm/W	95 lm/W	79 lm/W
	3000K	0.97	0.81	103 lm/W	86 lm/W	94 lm/W	79 lm/W	92 lm/W	77 lm/W
	2700K	0.94	0.79	100 lm/W	84 lm/W	91 lm/W	77 lm/W	89 lm/W	75 lm/W
LS (standard)	4000K	1.02	0.84	112 lm/W	92 lm/W	107 lm/W	88 lm/W	105 lm/W	87 lm/W
	3500K	1	0.83	110 lm/W	91 lm/W	105 lm/W	87 lm/W	103 lm/W	85 lm/W
	3000K	0.97	0.81	107 lm/W	89 lm/W	102 lm/W	85 lm/W	100 lm/W	83 lm/W
	2700K	0.94	0.79	103 lm/W	87 lm/W	99 lm/W	83 lm/W	97 lm/W	81 lm/W

OUTPUT	CCT	LLF RATIO		DIRECT LUMEN OUTPUT					
				G HE TECH		RG3G HE TECH		RG5G HE TECH	
		CRI 80	CRI 90	CRI 80	CRI 90	CRI 80	CRI 90	CRI 80	CRI 90
LVH (very high)	4000K	1.02	0.84	1326 lm/ft	1092 lm/ft	1267 lm/ft	1043 lm/ft	1246 lm/ft	1026 lm/ft
	3500K	1	0.83	1300 lm/ft	1079 lm/ft	1242 lm/ft	1031 lm/ft	1222 lm/ft	1014 lm/ft
	3000K	0.97	0.81	1261 lm/ft	1053 lm/ft	1205 lm/ft	1006 lm/ft	1185 lm/ft	990 lm/ft
	2700K	0.94	0.79	1222 lm/ft	1027 lm/ft	1167 lm/ft	981 lm/ft	1149 lm/ft	965 lm/ft
LH (high)	4000K	1.02	0.84	1081 lm/ft	890 lm/ft	1039 lm/ft	856 lm/ft	1017 lm/ft	838 lm/ft
	3500K	1	0.83	1060 lm/ft	880 lm/ft	1019 lm/ft	845 lm/ft	998 lm/ft	828 lm/ft
	3000K	0.97	0.81	1028 lm/ft	859 lm/ft	988 lm/ft	825 lm/ft	968 lm/ft	808 lm/ft
	2700K	0.94	0.79	996 lm/ft	837 lm/ft	957 lm/ft	805 lm/ft	938 lm/ft	788 lm/ft
LS (standard)	4000K	1.02	0.84	561 lm/ft	462 lm/ft	536 lm/ft	441 lm/ft	525 lm/ft	433 lm/ft
	3500K	1	0.83	550 lm/ft	457 lm/ft	525 lm/ft	436 lm/ft	515 lm/ft	427 lm/ft
	3000K	0.97	0.81	534 lm/ft	446 lm/ft	509 lm/ft	425 lm/ft	500 lm/ft	417 lm/ft
	2700K	0.94	0.79	517 lm/ft	435 lm/ft	494 lm/ft	415 lm/ft	484 lm/ft	407 lm/ft

Mounting

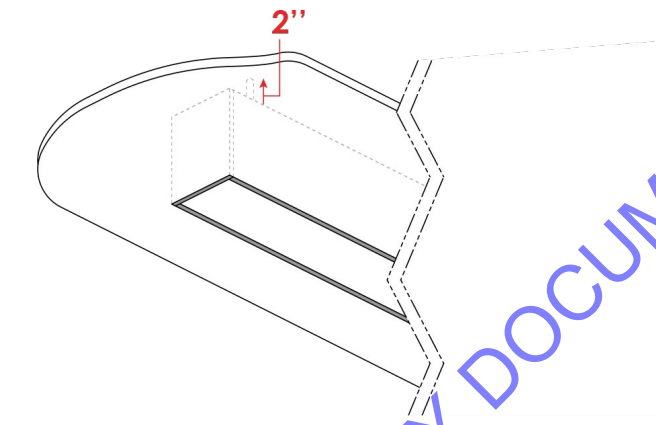


Endcap details



nLight dimensions

AIR : rIO Recessed



*Fixture mounted module for nLight AIR only.

A-LIGHT LEGACY DOCUMENT

For updated documentation,
and nomenclature,
visit peerlesslighting.com

IMPORTANT NOTE:
Accolade (D Series),
AccoLED (ACL Series),
and Architrave (G Series)
have been consolidated under
the Pierline product family.

LINEAR DIMENSIONS

Exact lengths to the nearest 1/8th of an inch available as individual fixtures or joined to create continuous row lengths.

OPTICS

The high-efficiency extruded diffuse acrylic lens technology, patented HE Tech™, features an integrated opaque white reflector. It delivers superior lumen output with optimal uniform lens surface luminance for direct distribution.

LED LIGHT SOURCE

Custom manufactured linear board array uses high performance Nichia® LED in combination with a performance driven heat sink technology. Tested in accordance with LM79 and LM-80; L70>60,000hr; operated at reduced output for high efficacy and lumen maintenance. 3000K, 3500K, and 4000K with 80+ CRI standard. LED color variation maintained at a 3-step MacAdam ellipse (SDCM 3x). LEDs are available in Standard, High and Very High outputs. Refer to photometry for delivered lumens.

LED DIMMING DRIVER

Factory tuned constant current electronic 0-10V control dimming driver is standard. Specification grade dimming down to 1%. Driver life of 50,000 hrs with ambient operating temperature range of -30°C to 50°C, maximum case temperature of 75°C. Electrical specifications at maximum driver load: PF >0.9, THD <20%, >85% Efficiency.

CONTROLS

Integrated nLight® for system networking wireless:

nLIGHT® AIR WIRELESS

The rIO model IS available for integration.

MOUNTING

Shadowmold. Upper and lower fixture raw aluminum flanges provide choice of flush or 3" regress perimeter shadowmold mounting. A black shadowmold (J-mold) bracket is secured to the wall using blocking as required and attachment hardware (by others). Upper fixture flange attaches to j-molding to create a 5/8" gap between fixture and wall.

For T-bar: rest lower fixture flange on top side of T-bar ceiling system and secure to structure with tie wires at fixture ends. Gyp: lower fixture flange is attached gyp ceiling and blocking (by others), then mudded over and/or painted by installing contractor. For continuous fixture runs, fixture should be supported every 12 feet using support wires or threaded rod (by others).

FINISH

Electrostatically applied powder coat finish. Standard finish options include titanium, white, and black.

LISTING

IC Rated for IC, Airtight, CCEA Ceilings. CCEA mark applied for Chicago Plenum applications. UL/CUL rated for Damp Locations. Tested in accordance with UL 1598 and certified to CEC/CSA C22.1, NEC, ANSI/NFPA 70, and NOM-001-SEDE.

The D9 is assembled in the U.S.A. and complies with the Buy America(n) Act (BAA), Build America, Buy Aieserica (BABA) government procurement requirements under FAR, DFARS, and DOT.

WARRANTY

Please refer to the full terms and conditions on our website: www.alights.com/downloads/warranty/