

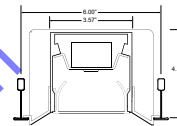
D6	HE	T
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MOUNTING OPTIONS

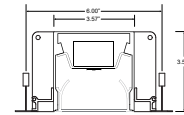
QUANTITY

OUTPUT	OPTICS	NOMINAL		
		LUMEN OUTPUT	INPUT WATTS	EFFICACY
LH (High)	HE Tech™	1114 lm/ft	9.8 W/ft	114 lm/W
LS (Standard)	HE Tech™	575 lm/ft	4.8 W/ft	119 lm/W

MOUNTING OPTIONS



(BS) Beveled Smooth Trim Flange



(CS) Channel Static Trim Flange

D6					HE	
SERIES	LENGTH	OUTPUT	LED CCT	LED CRI	VOLTAGE	DIRECT OPTICS
D6	Nominal Length* Exact Length**	LS Standard Output LH High Output C_ Custom Output*	27 2700K 30 3000K 35 3500K 40 4000K TW Tunable White* DW Dim-to-warm*	80+ CRI 90+ CRI	U 120V - 277V 3 347V	HE HE Tech™
*Specify in feet to the nearest foot (i.e. 12) **Specify in inches to then nearest 1/8 (i.e. M180.125)		*Available from 25% to 125% of LED High Output		*Standard CCT range is 27-50K. Contact design assist for custom range *Not offered with (TW) Tunable white or (DW) Dim-to-warm.		

T				
MOUNTING	TRIM FLANGE	FINISH	DIMMING	EMERGENCY
T 6" On Center Standard T-Bar 9/16"	BS Beveled Smooth CS Channel Static	T Titanium W White B Black O Other* 	D Standard 0-10V dimming* D1 HiLume Ecosystems 1% (LED) D2 Phase dimming** D3 DMX 0.1% dim-to-dark D4 DALI dim-to-off	EC Emergency - circuited E Emergency - battery* Not available for 347V. See technical data for more information.

*Dimming to 1% stated for standard 0-10V dimming
 **Reference EKP-PHB driver for compatible dimmers.
 *Specify RAL #
 *Factory-installed emergency battery pack. Specify desired quantity of batteries. Not available on fixtures < 4" length..

OPTIONS	
M	Multi-Circuit*
R	Right Endcap Feed
L	Left Endcap Feed
CP	Chicago Plenum

*Submit multi-circuiting requirements

PHOTOMETRY

LIGHT OUTPUT

DISTRIBUTION

Direct Symmetric

OUTPUT

LH: High output - 10 W/ft

LS: Standard output - 5 W/ft

C: Custom tuned output - Specify Wattage

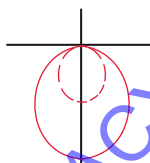
PHOTOMETRIC DATA

DIRECT SYMMETRIC

LH - 3500K - HE TECH™

Lumens: 1114lm/ft
Input watts: 9.8 W/ft
Efficacy: 114 lm/W

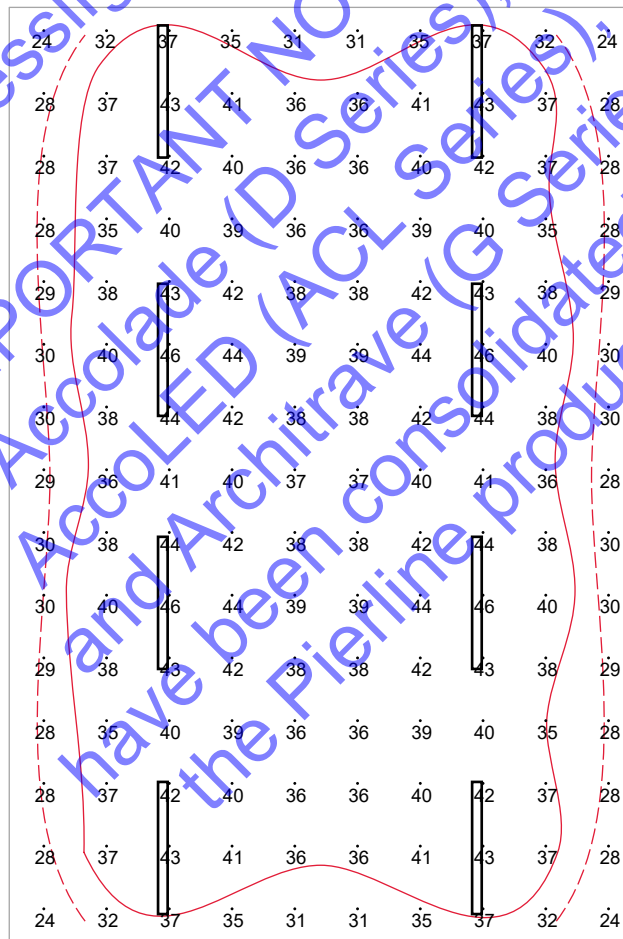
LH: ———
LS: - - - - -



SAMPLE INSTALLATION - WORKSPACE

LH / HE / 4000K

Room height: 20 ft x 30 ft x 9 ft
Reflectance: 80% / 50% / 20%
Mounting height: 9 ft A.F.F.
Fixture length: 4 ft
Calculation grid: 2 ft x 2 ft
Calculation plane (horizontal): 2.5 ft A.F.F.
Average Illuminance: 37 fc
Fixture spacing: 8 ft x 10 ft
Uniformity: 1.5:1 (avg/min)



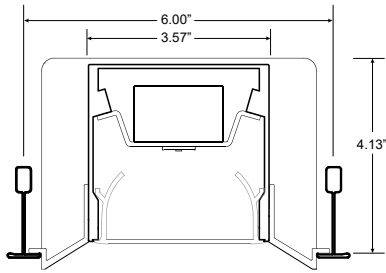
TOP VIEW

35 fc ———
30 fc - - - - -

LIGHT LOSS FACTORS (LLF)

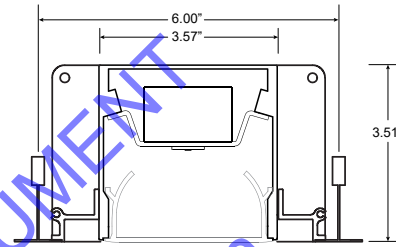
OUTPUT	CCT	CRI 80+		CRI 90+	
		%	OPTICS	%	OPTICS
			HE Tech™		HE Tech™
LH (High)	4000k	100%	1135 lm/ft	88.3%	1002 lm/ft
	3500k	97.9%	1114 lm/ft	85.4%	969 lm/ft
	3000k	94.2%	1069 lm/ft	80.7%	916 lm/ft
	2700k	90.6%	1028 lm/ft	76.5%	868 lm/ft
LS (Standard)	4000k	100%	586 lm/ft	88.3%	517 lm/ft
	3500k	97.9%	575 lm/ft	85.4%	500 lm/ft
	3000k	94.2%	552 lm/ft	80.7%	473 lm/ft
	2700k	90.6%	531 lm/ft	76.5%	448 lm/ft

For standard output (LS) -50%.



(T) 6" O.C. T-bar 9/16"

(BS) Beveled Smooth Trim Flange



(T) 6" O.C. T-bar 9/16"

(CS) Channel Static Trim Flange

A-LIGHT LEGACY DOCUMENTATION

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

Nominal or exact lengths to the nearest 1/8th of an inch available as individual fixtures or joined to create continuous row lengths, minimum fixture lengths is 12 inches.

Custom - Contact [Design Assist \(designassist@alights.com\)](mailto:designassist@alights.com) for modifications to product not detailed within Elements or Integrations specification sheets.

OPTICS

HE Tech™ patented high efficacy extruded diffuse acrylic lens technology with integrated opaque white reflector 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. 2700K, 3000K, 3500K, and 4000K with 80+ CRI standard; other color temperatures and 90+ CRI available upon request, contact factory. LED color variation maintained at a 3-step MacAdam ellipse (SDCM 3x). LEDs are available in Low, Standard, and High outputs. Refer to photometry for delivered lumens. Custom output in the range of 25% to 125% of high output, contact factory.

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 -20°C to 60°C, maximum case temperature of 75°C. Electrical specifications at maximum driver load: PF >0.9, THD <20%, >85% Efficiency. Other available drivers include Lutron Eco-system H-series (LDE1); Hi-lume™ 1% LED dimming driver with Soft On, Fade to Black; and DMX and DALI protocol drivers. Other Lutron and specialty drivers available, contact factory.

EMERGENCY

Factory installed integrated fixture LED emergency battery pack for both normal and emergency operation, 120-277v only. Unit contains long-life Ni-Cad recyclable battery, 24 hour charger, and converter circuit. Test switch and charge indicator provided. Test button to be remote located by others in accordance with local code. Emergency mode provides constant power to a nominal 12W LED load for a period of 90 minutes, delivering 1200 lumens of unwavering illumination throughout the full 90 minute emergency duration. Unless otherwise specified, the emergency battery pack will illuminate one 2 foot end of the fixture in the direct portion of the fixture.

Emergency circuiting provided as a separate circuit from normal power circuit according to NEC requirements, specify circuit length and location.

CONTROLS

nLight enabled, remote mounted controls provided by others. Please contact an Acuity controls representative for more information.

MOUNTING

T-Bar/Grid Ceiling. 9/16" standard T-Bar. Raw aluminum flange sits on T-Bar and is concealed from view.

STRUCTURE

Robust, high quality, 60% recycled aluminum extruded housing. 0.040" thick aluminum internal gear trays. Flat or flanged aluminum end caps. Aluminum joiner brackets. 4 lbs/ft approximate fixture weight.

FINISH

Electrostatically applied powder coat finish. Standard finish options include titanium, white, and black. Other colors and custom finish options available, specify RAL# or contact factory regarding custom finish requirement.

LISTING

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.

WARRANTY

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