

Date \_\_\_\_\_ Specifier \_\_\_\_\_ Project \_\_\_\_\_ Type \_\_\_\_\_



# PIXIS FIVE LIFELINE

**Powerful and flexible, simply connect and pivot anywhere along LIFELINE**

**Choose between three optics to see your lighting vision click into place**

**Discreet design ensures the device blends into the background**

## Application



Mate with LIFELINE



Spot light

## Light output



### Standard light output

### Light source

775 lm @ 6.1 W, 3500K, 80 CRI

Reference configuration				Luminous Flux Density		Efficacy
CCT	CRI	FINISH	OPTIC	W	Delivered Lumens	
4000K	80	ABK	27°	8.0	700 lm	91 lm/W

### Total Light Loss Factor (TLLF) calculation

CCT/CRI table						Finish table		Optics table	
CCT	CRI	LLF	CCT	CRI	LLF	FINISH	LLF	OPTIC	LLF
2700K	80	0.92	3000K	80	0.94	ABK	1.00	20°	1.00
	90	0.79		90	0.82			27°	1.00
3500K	80	0.96	4000K	80	1.00			40°	0.86
	90	0.85		90	0.89				

CCT/CRI LLF × Finish LLF × Optics LLF = TLLF

### Actual light output

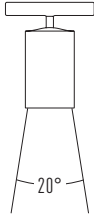
Example configuration				Reference LFD		Actual LFD
CCT	CRI	FINISH	OPTIC	W	Lum. Flux Density (LFD)	Lum. Flux Density (LFD)
2700K	90	ABK	40°	8.0	700 lm	476 lm
<span style="background-color: #28a745; color: white; padding: 2px;">0.79</span> × <span style="background-color: #28a745; color: white; padding: 2px;">1.00</span> × <span style="background-color: #28a745; color: white; padding: 2px;">0.86</span> = <span style="background-color: #28a745; color: white; padding: 2px;">TLLF 0.68</span>						

## Optical distributions

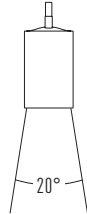
20° **20D**

LIGHT BEAM

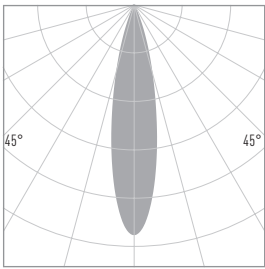
SIDE VIEW



FRONT VIEW



LIGHT DISTRIBUTION



3900 Cd, 663 delivered lumens

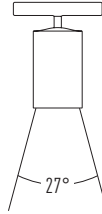
Height	Lux
2' (60cm)	10503
3' (90cm)	4668
5' (150cm)	1680
8' (240cm)	656
10' (300cm)	420

Beam angle 20°  
 Field angle 41°

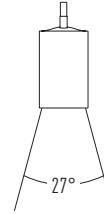
27° **27D**

LIGHT BEAM

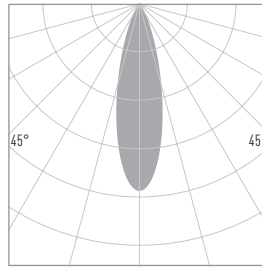
SIDE VIEW



FRONT VIEW



LIGHT DISTRIBUTION



2800 Cd, 670 delivered lumens

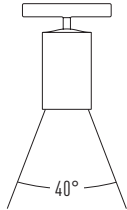
Height	Lux
2' (60cm)	7722
3' (90cm)	3432
5' (150cm)	1203
8' (240cm)	467
10' (300cm)	299

Beam angle 27°  
 Field angle 50°

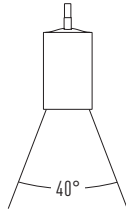
40° **40D**

LIGHT BEAM

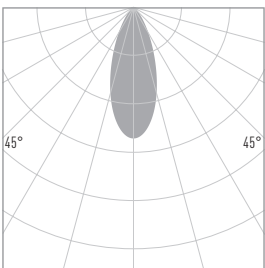
SIDE VIEW



FRONT VIEW



LIGHT DISTRIBUTION

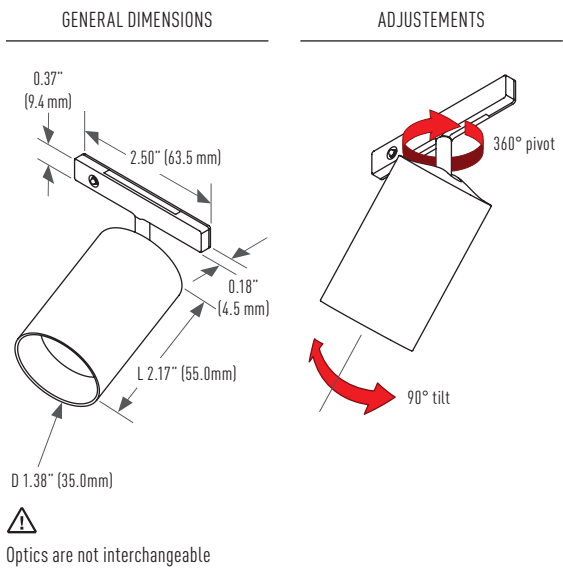


1000 Cd, 590 delivered lumens

Height	Lux
2' (60cm)	2691
3' (90cm)	1196
5' (150cm)	431
8' (240cm)	168
10' (300cm)	108

Beam angle 40°  
 Field angle 79°

# Physical



**⚠**  
Optics are not interchangeable

## Finish



## Construction

Aluminium body  
PC optics

## Weight

0.22 lbs (100 g)

## Ingress protection

IP20

## Operating ambient temperature

0 °C to 40 °C

## Storage temperature

0 °C to 40 °C at 50% humidity.

# Electrical

**i** This product is a **DC LED Lighting Module**. The following are required to operate as a complete system – to order separately:

- Power Supply**  
24 VDC | Constant Voltage | PWM (if dimmable) | Remote Installation  
**Recommended driver** Eklipse Light Manager LM-24V.100W-[...]  
*[1% dim in 0-10V / DALI / Ecosystem]*
- Track System**  
LIFELINE low voltage track system is required to operate PIXIS FIVE LIFELINE

### MODULE CURRENT REGULATION

**PASSIVE**

### DRIVER COMPATIBILITY

**UNIVERSAL\***

*\*following driver spec. req., works with all models*

- Input Voltage** 24 VDC in Constant Voltage
- Power** 8.0 W (cold start) 7.7 W (stable within minutes from startup)  
*[11 PIXIS FIVE supported by recommended driver LM-24V.100W-...]*
- Dimming** Capable of operating down to 0.1%  
*[depends on driver performance/limitations]*
- Wiring** None, case has integrated pins for **LIFELINE** connection

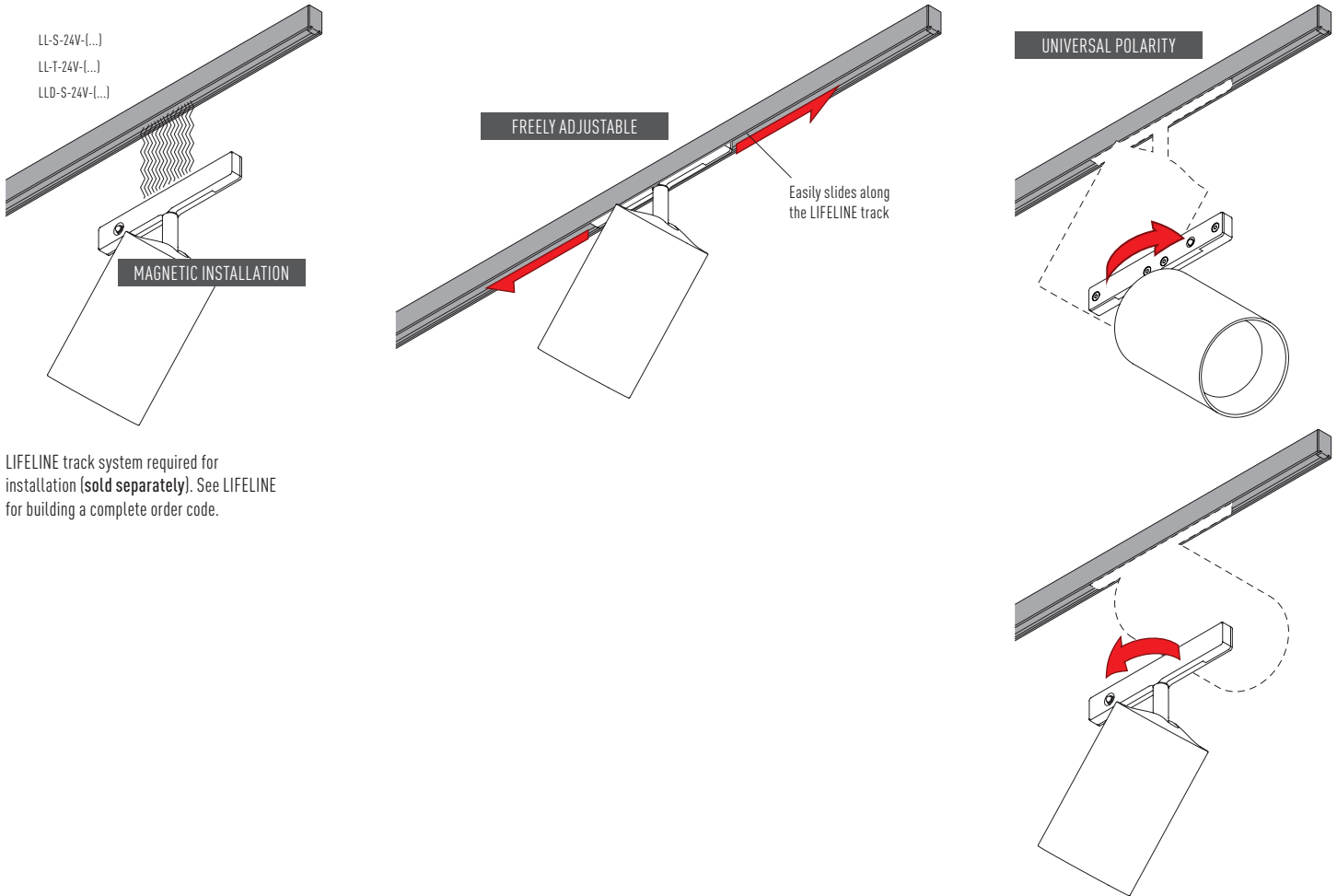
**Safety Information** cULus Listed, CE, SELV, Class 2, Dry location.

**Installation** Hot pluggable. Handling: Can be safely aimed/removed/installed with bare hands during operation. The use of non-slip gloves or cool down 5 minutes for comfortable handling is recommended. For additional details, see **LIFELINE** integration instructions.

**Remote Limitations** Voltage loss tolerance due to remote driver cable course, up to -2.5 Volts. See **LIGHT MANAGER** spec for max. cable length table per AWG.

**Applications** Designed for general application in different environment such as residential, retail, museums and more. For additional details, see **LIFELINE**.

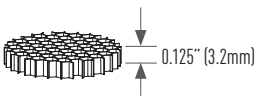
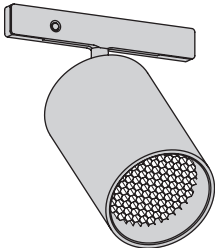
## Integration overview



### Optional accessories (to be ordered separately)

#### Hexcell louver

HCL-P5A



## Ordering code

PRODUCT		CORE OPTIONS							
ID	CONSTRUCTION TEMPLATE	INPUT	OUTPUT	NUMBER OF HEADS	SNOOT	FINISH	CCT CRI	OPTICS	
P5A	LL	24V	8W	1H	REG	ABK	2700K	80	20D
						MW		90	27D
						TWB	3000K	80	40D
						PB		90	20D.H
						BB	3500K	80	27D.H
						PC		90	40D.H
						BC	4000K	80	##D Optic only
						PG		90	
						BG			##D.H Optic with Hexcell Louver
						PBKN			

**ABK**  
Anodized black

**MW**  
Matte white

**TWB**  
Time worn brass

**PB**  
Polished brass

**BB**  
Brushed brass

**PC**  
Polished chrome

**BC**  
Brushed chrome

**PG**  
Polished gold

**BG**  
Brushed gold

**PBKN**  
Polished black  
nickel

ORDERING CODE EXAMPLE

P5A	-	LL	-	24V	-	8W	-	1H	-	REG	-	ABK	-	3500K80	-	40D
	-		-		-		-		-		-		-		-	
	-		-		-		-		-		-		-		-	
	-		-		-		-		-		-		-		-	

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## Warranty

Our products and relative parts are guaranteed for **three (3) years**. See our terms and conditions on [www.eklipselighting.com](http://www.eklipselighting.com)