

# ProLine

by RENOVA Lighting

Category: LED

ProLine Series

The ProLine Series Linear LED is a linear recessed fixture bringing superior optical capabilities to a 3" form factor with an integral driver. The ProLine3 Recessed is designed to be specification grade with a wide range of beam options, high CRI, and color options. The ProLine3 also comes with a range of accessories, mounting options, and finishes that provide an easy route to customization and performance enhancements. The ProLine series provides an attractive, energy efficient architectural look which provides a comfortable, low glare, uniform lighting. Typical applications for this type of product are interior spaces where finished ceilings and walls exist. Applications Include:

- Commercial/Corporate Office Spaces
- Retail Spaces, Public Spaces and Airports
- Schools, Colleges and Universities
- Hospitals, Government Facilities and Military Bases

Prefix: PL3



project:

fixture type:

catalog #:

quantity:

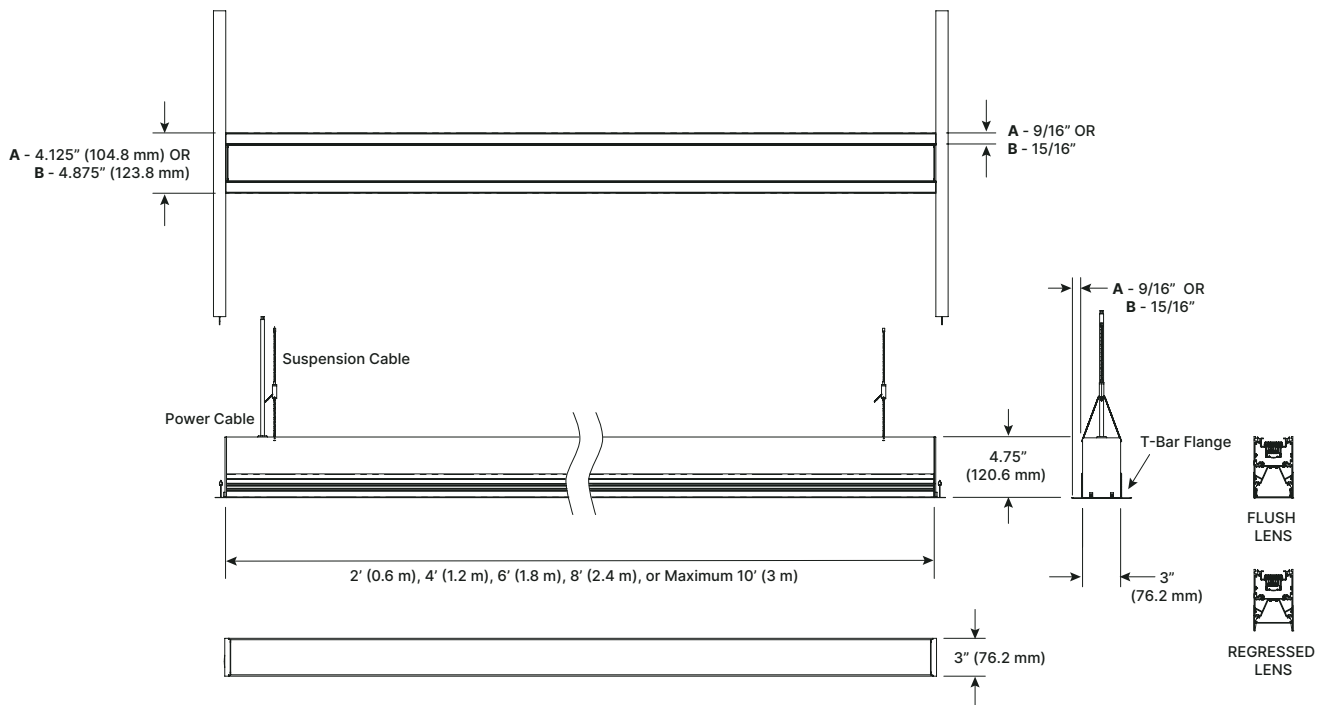
## ORDERING GUIDE

PREFIX/SERIES	FLANGE TYPE	SIZE	FINISH	OPTIC	CRI	COLOR TEMP.	BEAM DIST.	LUMEN OUTPUT	DRIVER VOLTAGE	MOUNTING OPTIONS	DRIVER	EM BACKUP
<b>PL3-R</b> ProLine Series 3" Recessed	<b>F1</b> - 9/16" Flat T-Bar <b>F2</b> - 9/16" Bolt Slot T-Bar <b>F3</b> - 15/16" Flat T-Bar <b>MK</b> - Muchh Kit	<b>2</b> - 2ft <b>4</b> - 4ft <b>6</b> - 6ft <b>8</b> - 8ft <b>10</b> - 10ft <b>CS</b> - Custom Specify (X, Y)	<b>MWH</b> - Matte White <b>MBK</b> - Matte Black <b>MGR</b> - Matte Gray <b>CAE</b> - Clear Anodized Effect <b>RAL</b> - Specify RAL#	<b>OFL</b> - Flush Lens <b>ORL</b> - Regressed Lens <b>OCRL</b> - Continuous Regressed Lens	<b>S80</b> - Std. 80 CRI <b>S90</b> - Std. 90 CRI <b>SUN</b> - Full Sun Like	<b>C22</b> - 2200 K <b>C27</b> - 2700 K <b>C30</b> - 3000 K <b>C35</b> - 3500 K <b>C40</b> - 4000 K <b>C50</b> - 5000 K <b>3022D</b> - 3000K to 2200K Dim-to-Warm <b>3527D</b> - 3500K to 2700K Dim-to-Warm Specify CCT	<b>DLAM</b> - Lambertian <b>DBW60</b> - Batwing 60° <b>DDA70</b> - Double Asymmetric 70° <b>DA5025</b> - Asymmetric 50° at 25° Tilt <b>DA4005</b> - Asymmetric 40° at 5° Tilt <b>DM55</b> - Medium 55° <b>DN40</b> - Narrow 40°	<b>L035</b> - 350 lm/ft <b>L050</b> - 500 lm/ft <b>L075</b> - 750 lm/ft <b>L100</b> - 1,000 lm/ft <b>L125</b> - 1,250 lm/ft <b>L150</b> - 1,500 lm/ft <b>LX</b> - Specify lm/ft <b>CS</b> - Custom Specify	<b>UNV</b> - Universal Voltage (120v - 277v) <b>347</b> - 347V	<b>WH</b> - 24" White Cable Kit <b>BK</b> - 24" Black Cable Kit	<b>FDND</b> - Factory Non-Dimming <b>FD01</b> - Factory 0-10V 1% Dim <b>FD10</b> - Factory 0-10V 10% Dim <b>FDDA</b> - Factory DALI 0.1% Dim <b>FDDX</b> - Factory DMX Dim <b>FDTR</b> - Factory TRIAC Dim <b>LD01</b> - Lutron Hi-Lume 1% Dim	<b>NN</b> - Not Needed <b>EMC</b> - Emergency Circuit <b>EMB</b> - Emergency Battery (10 W — Onboard) <b>CS</b> - Custom Specify



## PL3 Dimensions

## Prefix: PL3



### Length

**Length Options** 2', 4', 6', 8', 10' nominal, or custom within 3"

### Finish

#### Housing Colors (Matte Finish)



White (RAL9003)



Black (RAL9005)



Gray (RAL7001)



Clear Anodized Effect



Custom RAL

#### Housing Material

6063-T5 extruded, recycled aluminum

#### Mounting Brackets

Sheet metal

### Optic

#### Lens Options

Flush, Regressed, and Continuous Regressed

#### Lens Material

Patented SmartOptics® made from Acrylic (PMMA)

### Voltage

#### Fixture Voltage (AC)

120–277 VAC and 347 VAC, 50/60 Hz

#### NOTES:

LED Drivers have adjustable output capability. A wide range of input watts/lumen output can be adjusted up or down on all models to suit a particular application. Always consult factory for the latest information.

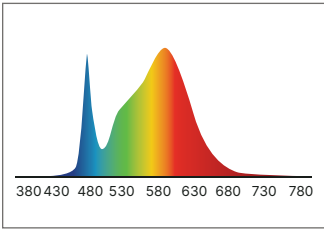
Photometric data, IES files and all other information is available on request.

RENOVA products are constantly being improved; therefore the information shown is subject to change without notice. Always consult your lighting representative or RENOVA Lighting Systems, for the latest information.

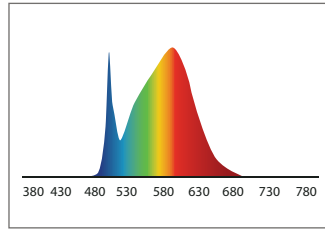
## LED SELECTION GUIDE

Prefix: PL3

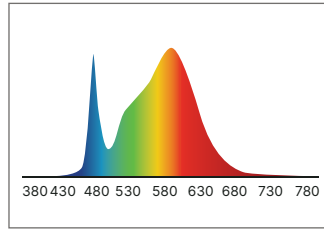
**S80: Standard 80+ CRI**



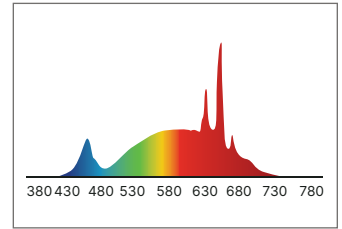
**S90: Standard 90+ CRI**



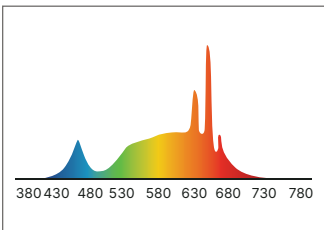
**HE80: High-Efficiency 80+ CRI**



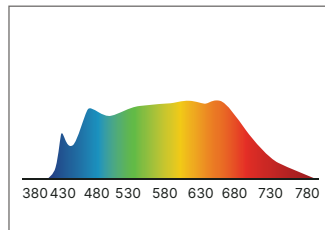
**HE90: High-Efficiency 90+ CRI**



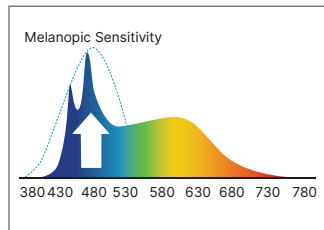
**HD95: High-Definition 95+ CRI**



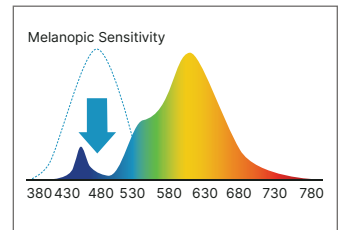
**SUN: Full Spectrum "SunLike"**



**HCD: Human Centric Day**



**HCN: Human Centric Night**



### Static White Light (LED Light Engine Only)

CODE	DESCRIPTION	TYPICAL LED DATA							
		CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	M/P Ratio	LPW
S80	Standard 80 CRI	3500K	82.5	7.8	84	96.7	82.5	0.51	190
S90	Standard 90 CRI	3500K	91	54.3	89.3	98.9	89.2	0.55	175
HE80	High Efficiency 80 CRI	3500K	82.1	5.9	83	94.2	81.2	0.52	210
HE90	High Efficiency 90 CRI	3500K	92.2	90	90.7	103.8	92.1	0.56	190
HD95	High Definition 95 CRI	3500K	97.1	95	-	-	-	0.70	163
SUN	Full Spectrum SunLike®	3500K	95	85	-	-	-	-	130
HCD	Human Centric Day	4000K	83	95	-	-	-	0.92	155
HCN	Human Centric Night	2700K	80	-	-	-	-	0.44	134

### LPW Efficacy Conversion Chart

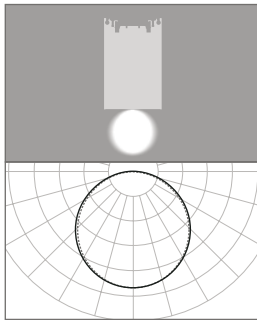
CODE	CCT SELECTED							
	2200K	2700K	3000K	3500K	4000K	5000K	5700K	6500K
S80	-	0.91	0.96	1.00	1.04	1.11	1.11	1.11
S90	-	0.91	0.96	1.00	1.04	1.11	1.11	1.11
HE80	-	0.96	0.99	1.00	1.03	1.04	1.03	1.03
HE90	-	0.91	0.96	1.00	1.04	1.11	N/A	N/A
HD95	-	0.91	0.96	1.00	1.04	1.11	1.03	1.04
SUN95	-	0.90	0.92	1.00	1.01	1.07	1.04	1.05
HCD	-	N/A	0.96	1.00	1.04	1.04	1.04	1.04
HCN	-	0.87	0.96	1.00	1.04	N/A	N/A	N/A

OPTIC	BEAM PATTERN						
	DLAM	DBW60	DDA70	DA5025	DA4005	DM55	DN40
Flush Lens	●	●	●	●	●	●	●
Regressed Lens	●	●	●	●	●	●	●

## DIRECT PHOTOMETRICS

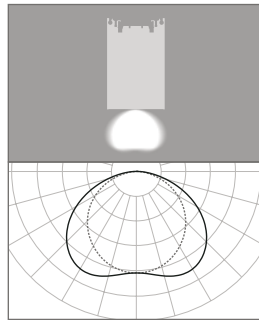
Static White Light

**DLAM:** Lambertian



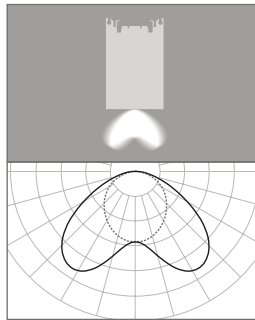
**Length** 48"  
**LED** HE90  
**CRI/CCT** 90+/3500K  
**Lumens** 3,000  
**lm/ft** 750  
**Watts** 21  
**W/ft** 5.28  
**LPW** 142

**DBW60:** Batwing 60°



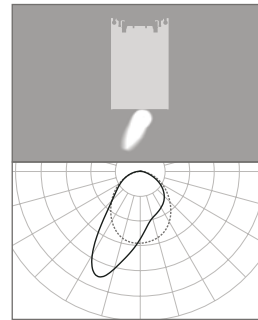
**Length** 48"  
**LED** HE90  
**CRI/CCT** 90+/3500K  
**Lumens** 3,000  
**lm/ft** 750  
**Watts** 21  
**W/ft** 5.17  
**LPW** 145

**DDA70:** Double Asymmetric 70°



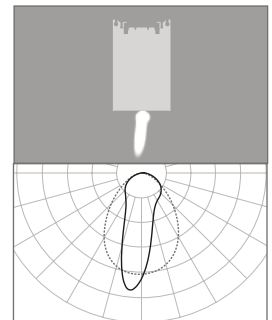
**Length** 48"  
**LED** HE90  
**CRI/CCT** 90+/3500K  
**Lumens** 3,000  
**lm/ft** 750  
**Watts** 22  
**W/ft** 5.43  
**LPW** 138

**DA5025:** Asymmetric 50° at 25° Tilt



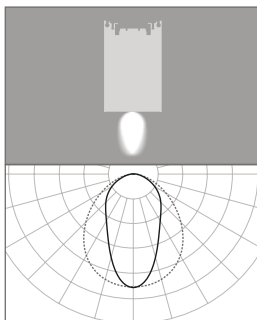
**Length** 48"  
**LED** HE90  
**CRI/CCT** 90+/3500K  
**Lumens** 3,000  
**lm/ft** 750  
**Watts** 21  
**W/ft** 5.24  
**LPW** 143

**DA4005:** Asymmetric 40° at 5° Tilt



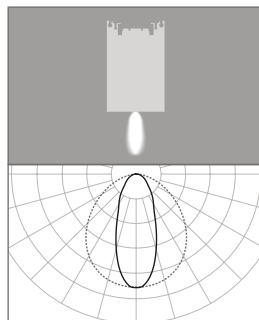
**Length** 48"  
**LED** HE90  
**CRI/CCT** 90+/3500K  
**Lumens** 3,000  
**lm/ft** 750  
**Watts** 22  
**W/ft** 5.39  
**LPW** 139

**DM55:** Medium55°



**Length** 48"  
**LED** HE90  
**CRI/CCT** 90+/3500K  
**Lumens** 3,000  
**lm/ft** 750  
**Watts** 22  
**W/ft** 5.47  
**LPW** 137

**DN40:** Narrow 40°



**Length** 48"  
**LED** HE90  
**CRI/CCT** 90+/3500K  
**Lumens** 3,000  
**lm/ft** 750  
**Watts** 22  
**W/ft** 5.51  
**LPW** 136

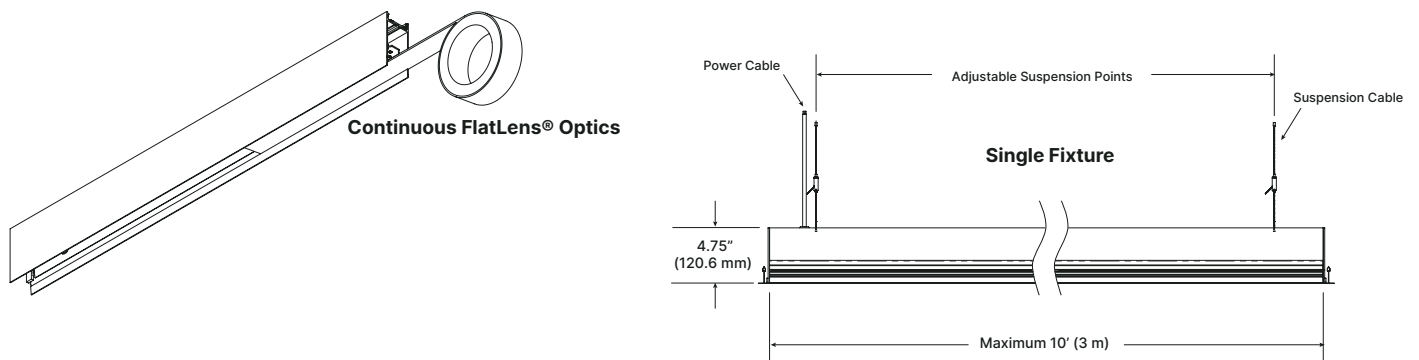
## PL3 Dimensions

Prefix: PL3

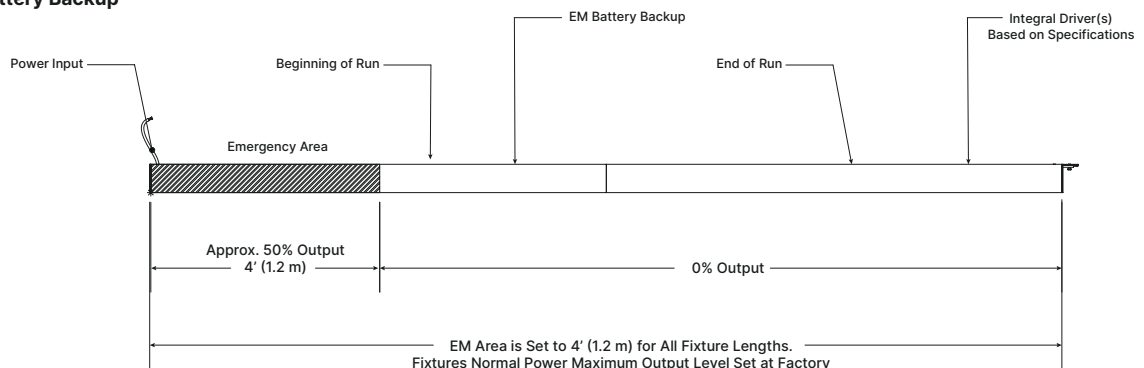
### Standard Lengths & Continuous Runs

Maximum length of one fixture is 10'. Longer runs can be produced by joining sections. Customer approval of shop drawings is required prior to build of any non-standard length order.

Continuous Regressed Lens is supplied in a maximum 250' roll length with Continuous FlatLENS Optics to be installed on-site for a seamless light surface.



### Emergency Battery Backup



Battery Power: 10 W  
 Illumination Time: 90 minutes  
 Light Output approx 300 lm/ft or 1200-1300 Total Lumens\*  
 Recharge Time: 24 Hours

\*Light output may vary based on fixture output level ordered.



Flush Lens



Regressed Lens

## FIXTURE MOUNTING & CONNECTIONS

### Mounting Type

#### Recessed Mount

Installs into a surface. Available with a range of accessories, mounts and inserts that provide easy customization of visual appearance and performance enhancements.

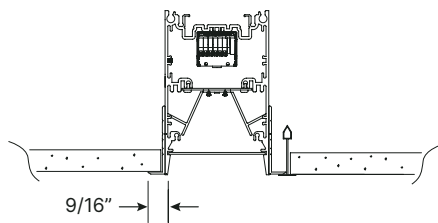
### Cable Kit

#### Suspension Cable

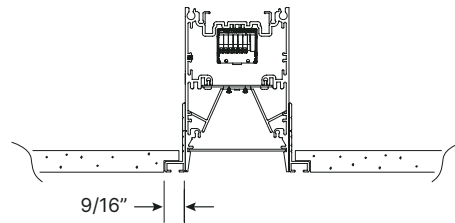
Stainless Steel

### Mounting Options

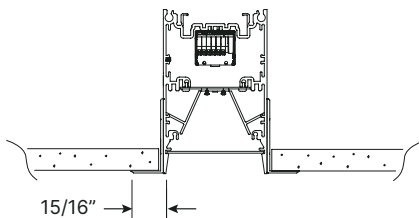
#### F1 - 9/16" Flat T-Bar Mount



#### F2 - 9/16" Bolt Slot T-Bar Mount



#### F3 - 15/16" Flat T-Bar Mount



#### MK - Mud-In Kit

