ProLine
by RENOVA Lighting

The ProLine Series Linear LED is a linear surface fixture bringing superior optical capabilities to a 4" form factor with an integral driver. The ProLine4 surface mount is designed to be specification grade with a wide range of beam options, high CRI, and color options. The ProLine4 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
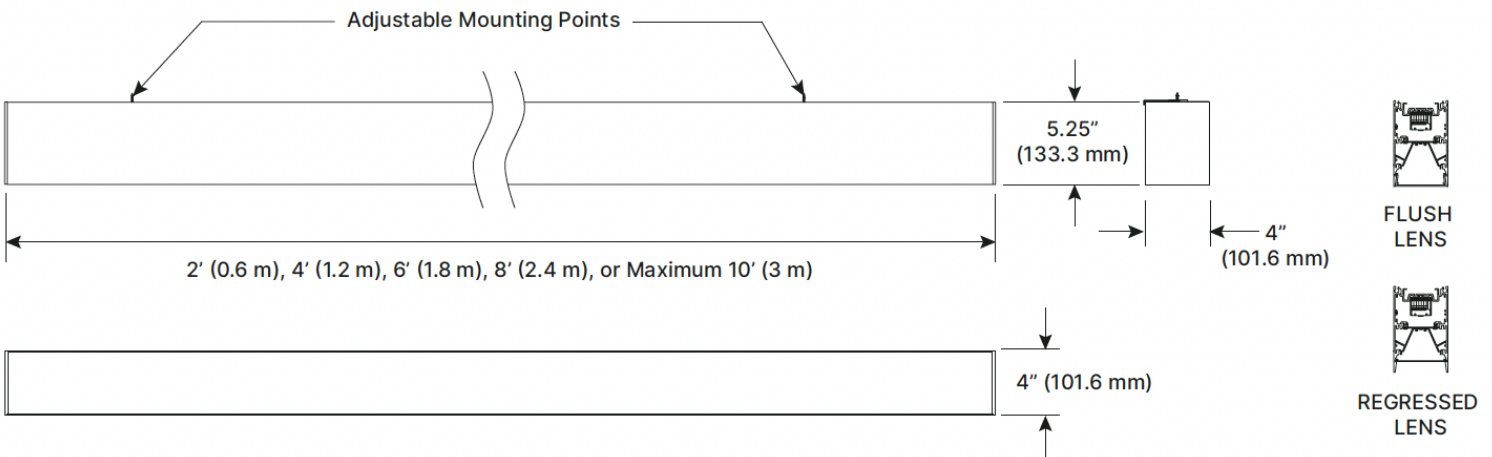
ProLine **Series 4"**

project:

fixture type:

catalog #:

quantity:

ORDERING GUIDE

PL4-S - ☐ - ☐ - ☐ - ☐ - ☐ - ☐ - ☐ - ☐ - ☐ - ☐ - ☐ - ☐

PREFIX/ SERIES	SIZE	FINISH	END CAP	OPTIC	CRI	COLOR TEMP.	BEAM DIST.	LUMEN OUTPUT	DRIVER VOLTAGE	DRIVER	EM BACKUP	FIXTURE MOUNT
PL4-S ProLine Series 2" Surface Mount	**2** - 2ft **4** - 4ft **6** - 6ft **8** - 8ft **10** - 10ft	**MWH** - Matte White **MBK** - Matte Black **MGR** - Matte Gray **CAE** - Clear Anodized Effect	**E1** - Flat End Cap	**OFL** - Flush Lens **ORL** - Regressed Lens	**S80** - Std. 80 CRI **S90** - Std. 90 CRI **SUN** - Full Sun Like	**C22** - 2200 K **C27** - 2700 K **C30** - 3000 K **C35** - 3500 K **C40** - 4000 K **C50** - 5000 K **C3022D** - 3000 K- 2200K Dim-to- Warm **C3527D** - 3500K - 2700K Dim-to- Warm	**DLAM** - Lambertian **DBW60** - Batwing 60° **DDA70** - Double Asymmetric 70° **DA5025** - Asymmetric 50° at 25° Tilt **DA4005** - Asymmetric 40° at 5° Tilt **DM55** - Medium 55° **DN40** - Narrow 40°	**L035** - 350 lm/ft **L050** - 500 lm/ft **L075** - 750 lm/ft **L100** - 1,000 lm/ft **L125** - 1,250 lm/ft **L150** - 1,500 lm/ft **LX_** - Specify lm/ft	**UNV** - Universal Voltage (120v -277v)	**FDND** - Factory Non- Dimming **FD01** - Factory 0-10V 1% Dim **FD10** - Factory 0-10V 10% Dim **FDDA** - Factory DALI 0.1% Dim **FDDX** - Factory DMX Dim **FDTR** - Factory TRIAC Dim **LD01** - Lutron Hi- Lume 1% Dim	**NN** - Not Needed **EMC** - Emergency Circuit **EMB** - Emergency Battery (10 W — Onboard)	**SC1** - Surface Mont Clip **T1** - 9/16" Flat T-Bar **T2** - 9/16" Bolt Slot T-Bar **T3** - 15/16" Flat T-Bar

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PL4 Dimensions

Adjustable Mounting Points

5.25"
(133.3 mm)

4"
(101.6 mm)

2' (0.6 m), 4' (1.2 m), 6' (1.8 m), 8' (2.4 m), or Maximum 10' (3 m)

4" (101.6 mm)

FLUSH LENS

REGRESSED LENS

Length

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

Finish

Housing Colors (Matte Finish)

Matte White   Matte Black   Matte Gray   Clear Anodized Effect

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, 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
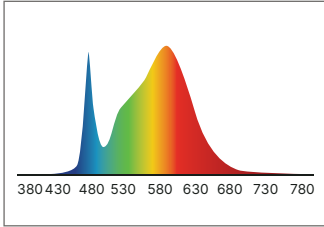for the latest information.

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
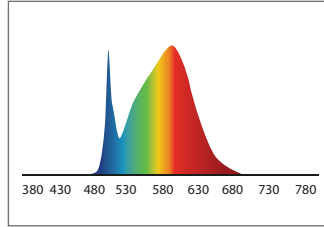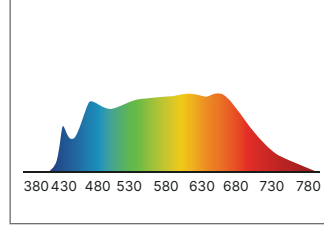Systems, Inc. for the latest information.

LED SELECTION GUIDE

S80: Standard 80+ CRI

S90: Standard 90+ CRI

SUN: Full Spectrum "SunLike"

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
SUN	Full Spectrum SunLike®	3500K	95	85	–	–	–	–	130

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
SUN	–	0.90	0.92	1.00	1.01	1.07	1.04	1.05

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

DIRECT PHOTOMETRICS

Static White Light

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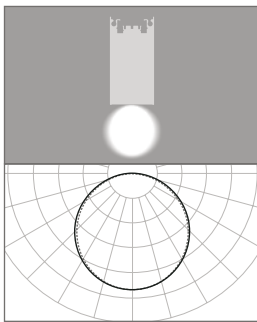
Length	48"
LED	HE90
CRI/CCT	90+/3500K
Lumens	3,000
lm/ft	750
Watts	21
W/ft	5.28
LPW	142

DBW60: Batwing 60°
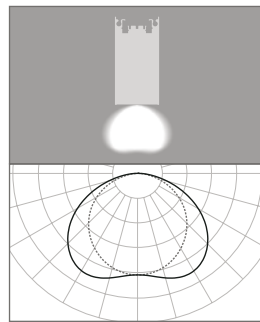
Length	48"
LED	HE90
CRI/CCT	90+/3500K
Lumens	3,000
lm/ft	750
Watts	21
W/ft	5.17
LPW	145

DDA70: Double Asymmetric 70°
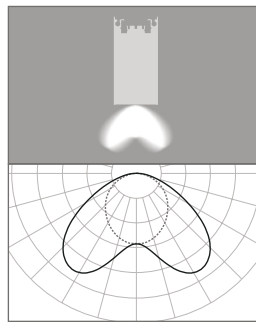
Length	48"
LED	HE90
CRI/CCT	90+/3500K
Lumens	3,000
lm/ft	750
Watts	22
W/ft	5.43
LPW	138

DA5025: Asymmetric 50° at 25° Tilt
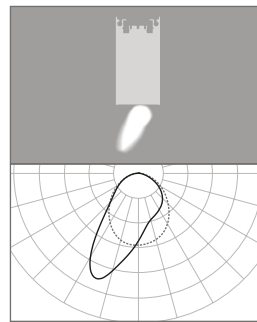
Length	48"
LED	HE90
CRI/CCT	90+/3500K
Lumens	3,000
lm/ft	750
Watts	21
W/ft	5.24
LPW	143

DA4005: Asymmetric 40° at 5° Tilt
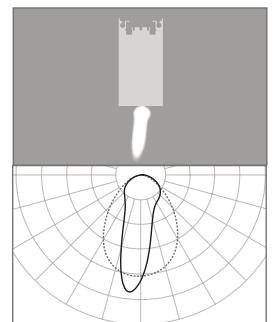
Length	48"
LED	HE90
CRI/CCT	90+/3500K
Lumens	3,000
lm/ft	750
Watts	22
W/ft	5.39
LPW	139

DM55: Medium 55°
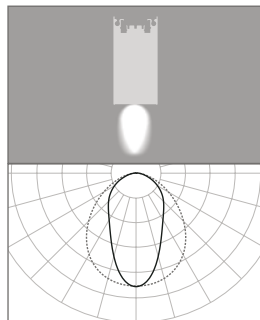
Length	48"
LED	HE90
CRI/CCT	90+/3500K
Lumens	3,000
lm/ft	750
Watts	22
W/ft	5.47
LPW	137

DN40: Narrow 40°
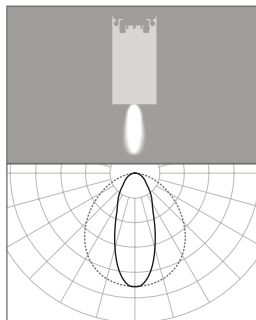
Length	48"
LED	HE90
CRI/CCT	90+/3500K
Lumens	3,000
lm/ft	750
Watts	22
W/ft	5.51
LPW	136

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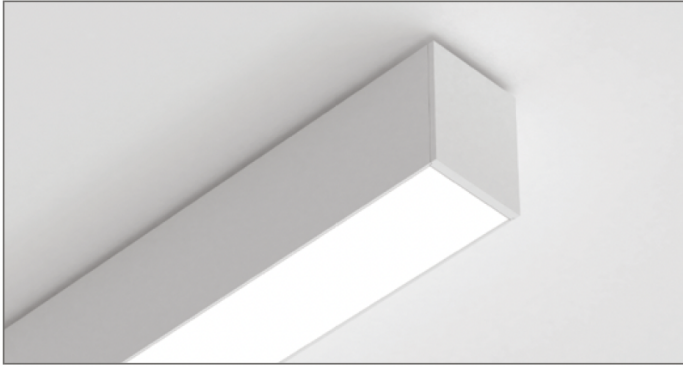
Flush Lens
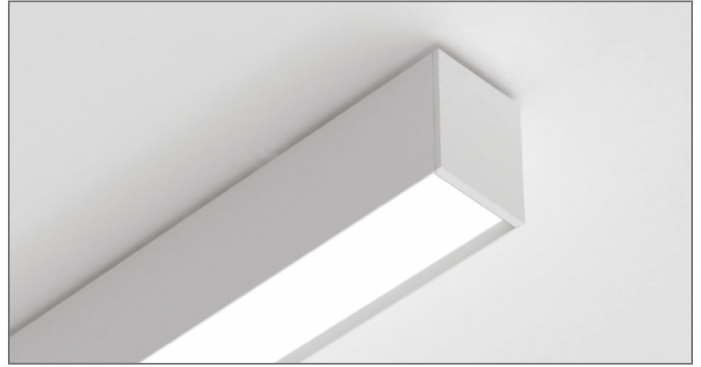
Regressed Lens

FIXTURE MOUNTING

Mounting Type

T-Bar Mount
Installs into a ceiling grid system and mount on to, or replace, typical T-Bar elements. Available with a range of accessories, mounts and inserts that provide easy customization of visual appearance and performance enhancements.

Surface Mount
Installs onto a surface. Available with a range of accessories, mounts and inserts that provide easy customization of visual appearance and performance enhancements.
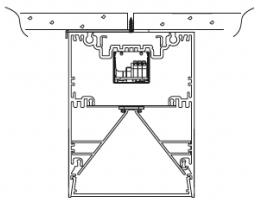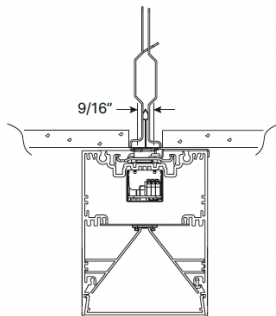
Mounting Kit

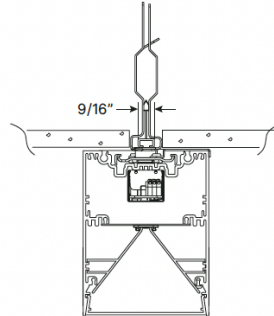**Surface Mounting Bracket**   Stainless Steel

Mounting Options

SC1 - Surface Mount Clip   **T1 - 9/16" Flat T-Bar Mount**   **T2 - 9/16" Bolt Slot T-Bar Mount**   **T3 - 15/16" Flat T-Bar Mount**

9/16"   9/16"   15/16"