

ProLine

by RENOVA Lighting

Category: LED

ProLine Series

The ProLine Series Linear LED is a linear surface fixture bringing superior optical capabilities to a 3" form factor with an integral driver. The ProLine3 surface mount 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



ORDERING GUIDE

project:

fixture type:

catalog #:

quantity:

PREFIX/SERIES	SIZE	FINISH	END CAP	OPTIC	CRI	COLOR TEMP.	BEAM DIST.	LUMEN OUTPUT	DRIVER VOLTAGE	DRIVER	EM BACKUP	FIXTURE MOUNT	POWER CORD	FIXTURE MOUNT
PL3-S ProLine Series 3" Surface Mount	2 - 2ft 4 - 4ft 6 - 6ft 8 - 8ft 10 - 10ft CS - Custom Specify	MWH - Matte White MBK - Matte Black MGR - Matte Gray CAE - Clear Anodized Effect RAL - Specify RAL#	E1 - Flat End Cap	OFL - Flush Lens ORL - Regressed Lens OCRL - Continuous Regressed Lens	S80 - Std. 80 CRI S90 - Std. 90 CRI SUN - Full Sun Like	C27 - 2700 K C30 - 3000 K C35 - 3500 K C40 - 4000 K C50 - 5000 K	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° LX_ - Specify lm/ft	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) 347 347 v	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 Mount Clip T1 - 9/16" Flat T-Bar T2 - 9/16" Bolt Slot T-Bar T3 - 15/16" Flat T-Bar	S24WH - 24" White Cable Kit S24BK - 24" Black Cable Kit	SSMB - Stainless Steel Surface Mounting Bracket

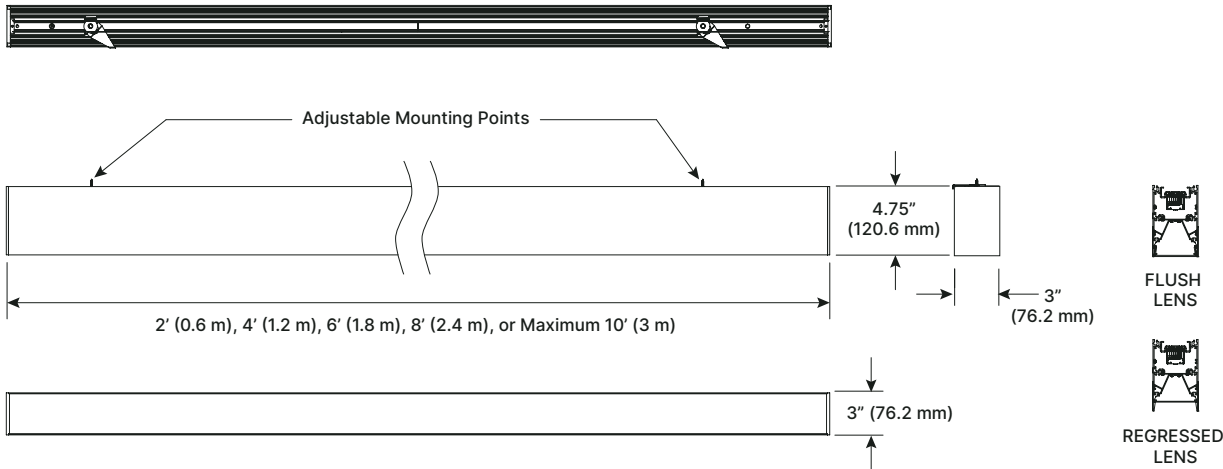


PL3 Dimensions

Prefix: PL3

FIXTURE DESIGN

Dimensions



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

End Cap

End Cap Option

Flat

End Cap Material

Machined or cast aluminum

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.

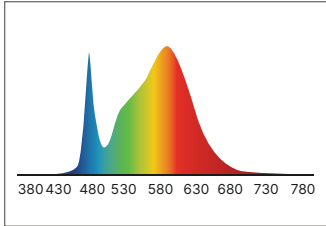
Photometric data, IES files and all other information is available on request.

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, Inc. for the latest information.

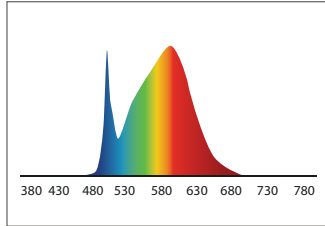
LED SELECTION GUIDE

Prefix: PL3

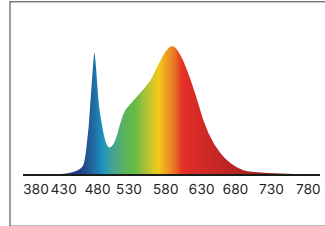
S80: Standard 80+ CRI



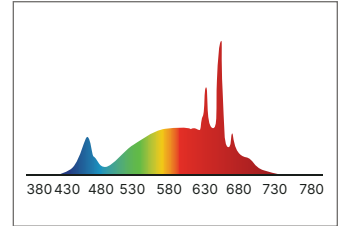
S90: Standard 90+ CRI



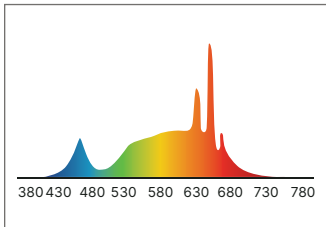
HE80: High-Efficiency 80+ CRI



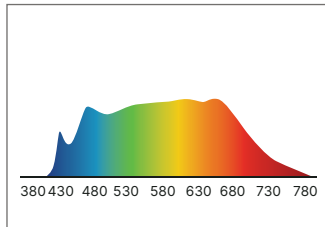
HE90: High-Efficiency 90+ CRI



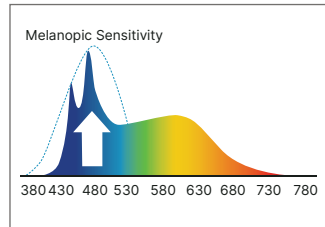
HD95: High-Definition 95+ CRI



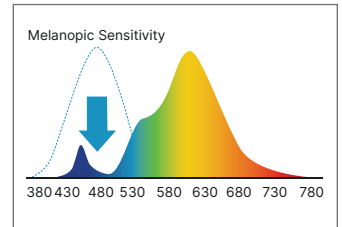
SUN: Full Spectrum "SunLike"



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

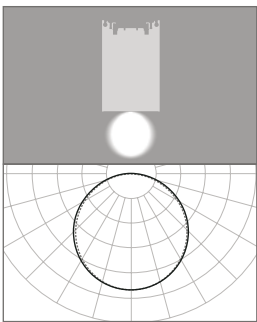
CODE	CCT SELECTED							
	2200K	2700K	3000K	3500K	4000K	5000K	5700K	6500K
S80	-	0.91	0.96	1.00	1.04	1.11	1.11	1.11
S90	-	0.91	0.96	1.00	1.04	1.11	1.11	1.11
HE80	-	0.96	0.99	1.00	1.03	1.04	1.03	1.03
HE90	-	0.91	0.96	1.00	1.04	1.11	N/A	N/A
HD95	-	0.91	0.96	1.00	1.04	1.11	1.03	1.04
SUN95	-	0.90	0.92	1.00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

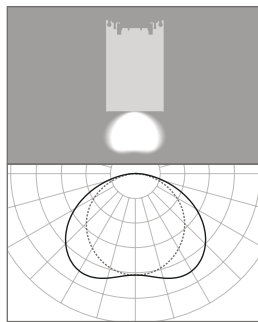
Static White Light

DLAM: Lambertian



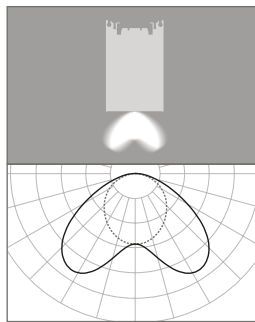
Length 48"
LED HE90
CRI/CCT 90+/3500K
Lumens 3,000
lm/ft 750
Watts 21
W/ft 5.28
LPW 142

DBW60: Batwing 60°



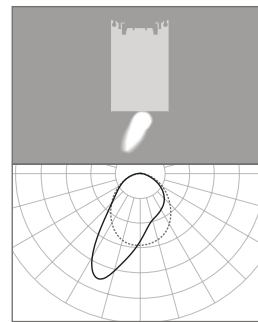
Length 48"
LED HE90
CRI/CCT 90+/3500K
Lumens 3,000
lm/ft 750
Watts 21
W/ft 5.17
LPW 145

DDA70: Double Asymmetric 70°



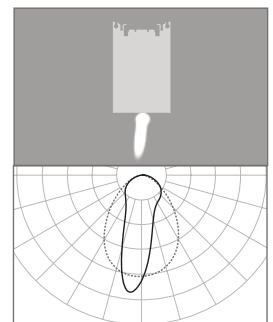
Length 48"
LED HE90
CRI/CCT 90+/3500K
Lumens 3,000
lm/ft 750
Watts 22
W/ft 5.43
LPW 138

DA5025: Asymmetric 50° at 25° Tilt



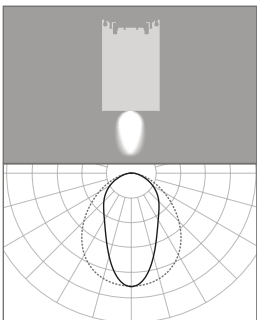
Length 48"
LED HE90
CRI/CCT 90+/3500K
Lumens 3,000
lm/ft 750
Watts 21
W/ft 5.24
LPW 143

DA4005: Asymmetric 40° at 5° Tilt



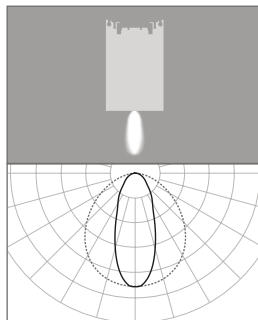
Length 48"
LED HE90
CRI/CCT 90+/3500K
Lumens 3,000
lm/ft 750
Watts 22
W/ft 5.39
LPW 139

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°

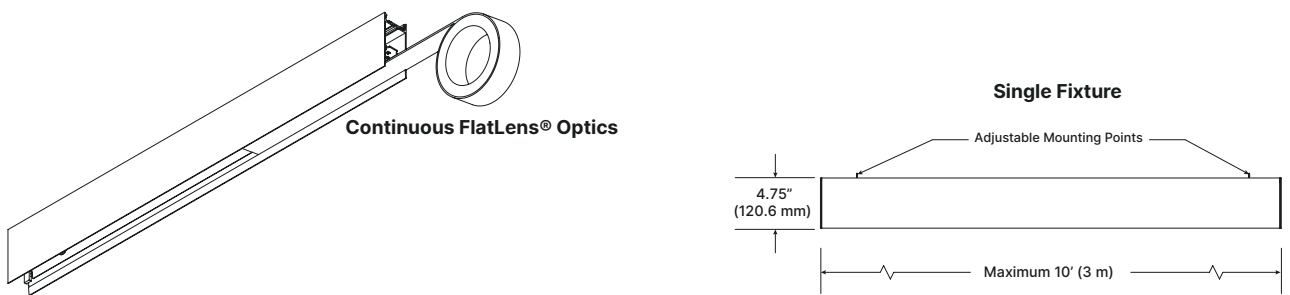


Length 48"
LED HE90
CRI/CCT 90+/3500K
Lumens 3,000
lm/ft 750
Watts 22
W/ft 5.51
LPW 136

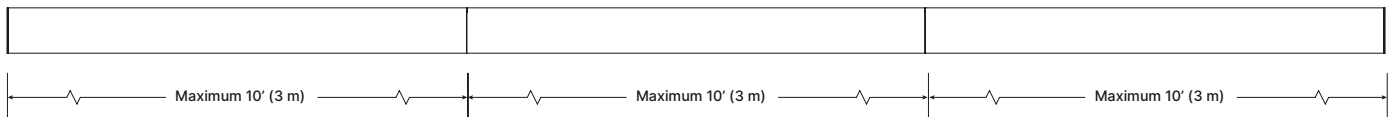
Standard Lengths & Continuous Runs

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.

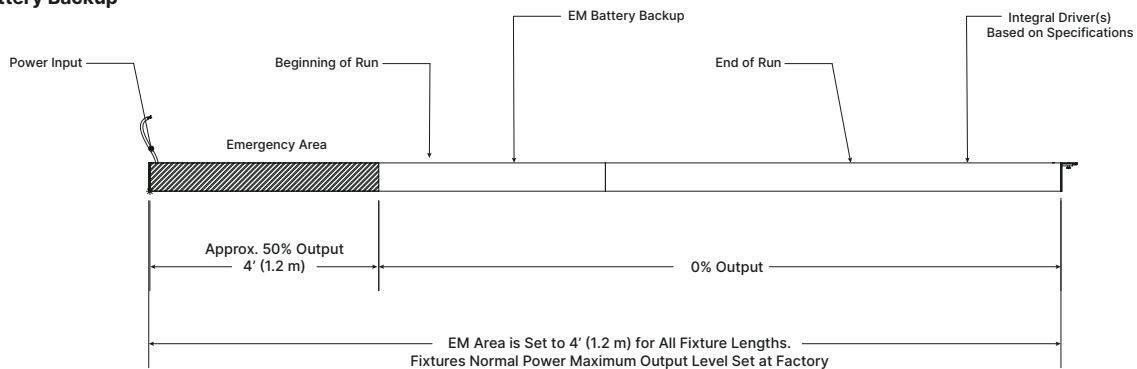
Lens can be supplied in a maximum 250' roll length with Continuous FlatLENS Optics to be installed on-site for a seamless light surface.



Standard Continuous Run

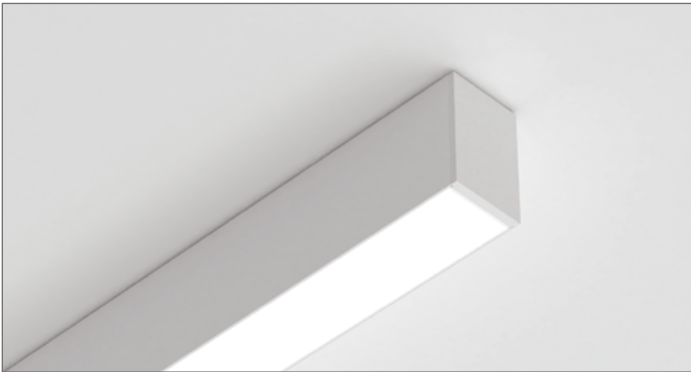


Emergency Battery Backup



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

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.

Power Cord

24" Cable Kit

White and Black

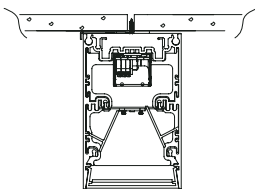
Mounting Kit

Surface Mounting Bracket

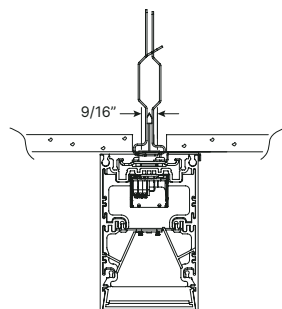
Stainless Steel

Mounting Options

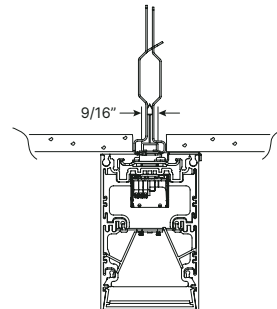
SC1 - Surface Mount Clip



T1 - 9/16" Flat T-Bar Mount



T2 - 9/16" Bolt Slot T-Bar Mount



T3 - 15/16" Flat T-Bar Mount

