

ProLine

by RENOVA Lighting

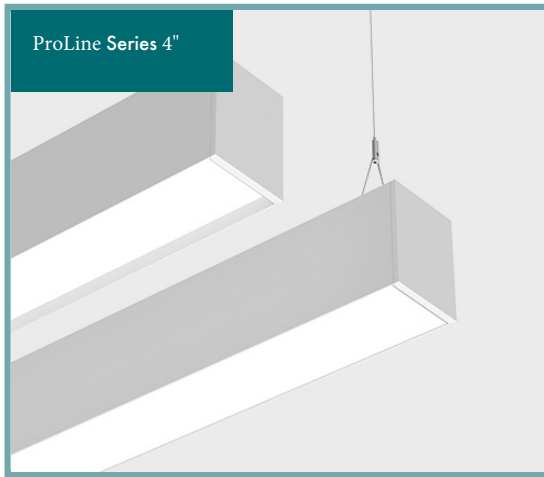
Category: LED

ProLine Series

The ProLine Series Linear LED is a linear pendant mount fixture bringing superior optical capabilities to a 4" form factor with an integral driver. The ProLine4 pendant mount is designed to be specification grade with a wide range of beam options, high CRI, and color options. The 4" aperture delivers comfortable illumination in a wide range of beam distributions while achieving high efficacy, and energy-saving performance. 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

Prefix: PL4



project:

fixture type:

catalog #:

quantity:

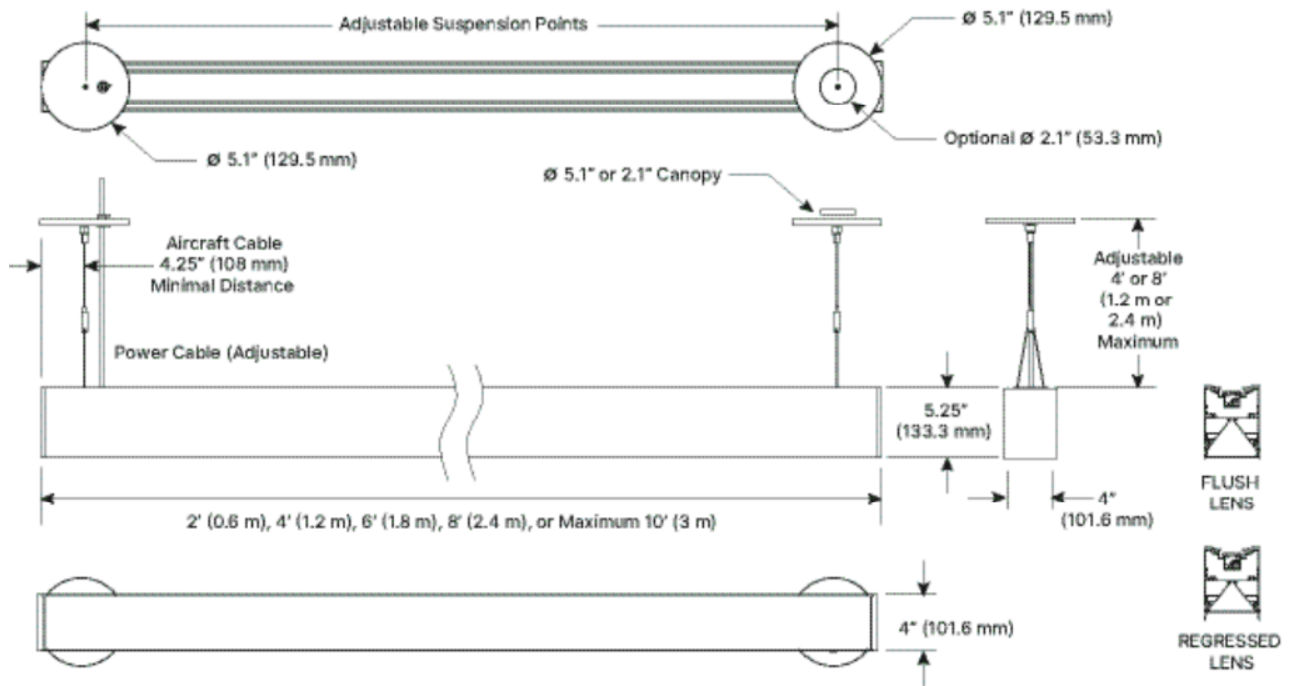
ORDERING GUIDE

PREFIX/SERIES	SIZE	FINISH	END CAP	OPTIC DIRECT	CRI	COLOR TEMP.	DIRECT BEAM DIST.	DIRECT LUMEN OUTPUT	INDIRECT BEAM DIST.	INDIRECT LUMEN OUTPUT	DRIVER VOLTAGE	DRIVER	EM BACKUP	MOUNTING TYPE	CANOPY	POWER CORD
PL4-P	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	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	NN - Not Needed ILAM - Lambertian IBW120 - Batwing 120° IFT150 - Flat Top 150° IA6040 - Asymmetric 60° at 40° Tilt IA4560 - Asymmetric 45° at 60° Tilt	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)	DJ - Drywall / J-box Mnt T1 - 9/16" Flat T-bar Mnt T2 - 9/16" Bolt Slat T-bar Mnt T3 - 15/16" Flat T-bar Mnt	RCWH2 - 2" Round Canopy, White RCBK2 - 2" Round Canopy, Black RCWH5 - 5" Round Canopy, White RCBK5 - 5" Round Canopy, Black	S48WH - 48" White Canopy Kit S48BK - 48" Black Canopy Kit S96WH - 96" White Canopy Kit S96BK - 96" Black Canopy Kit



PL4 Dimensions

Prefix: PL4



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 V, 50/60 Hz

NOTES:

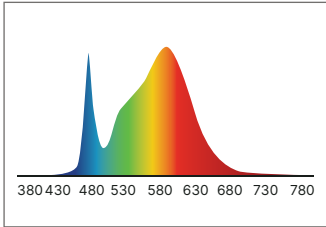
LED Drivers have adjustable output capability. A wide range of input watts/lumen output can be adjusted up or down on all models to suit a particular application. Always consult factory for the latest information.

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

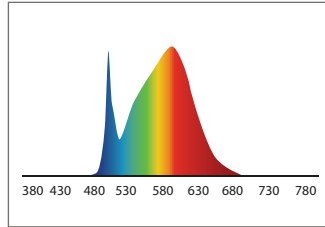
RENOVA products are constantly being improved; therefore the information shown is subject to change without notice. Always consult your lighting representative or RENOVA Lighting Systems, Inc. for the latest information.

LED SELECTION GUIDE

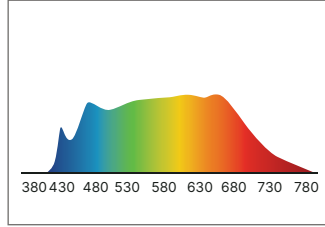
S80: Standard 80+ CRI



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

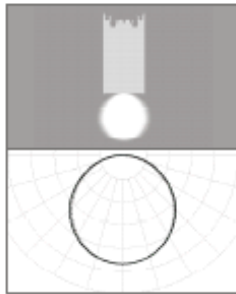
CODE	CCT SELECTED							
	2200K	2700K	3000K	3500K	4000K	5000K	5700K	6500K
S80	-	0.91	0.96	1.00	1.04	1.11	1.11	1.11
S90	-	0.91	0.96	1.00	1.04	1.11	1.11	1.11
SUN	-	0.90	0.92	1.00	1.01	1.07	1.04	1.05

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

DIRECT PHOTOMETRICS

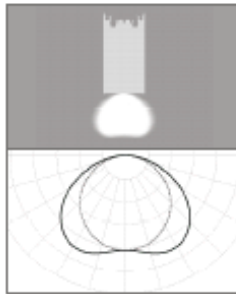
Static White Light

DLAM: Lambertian



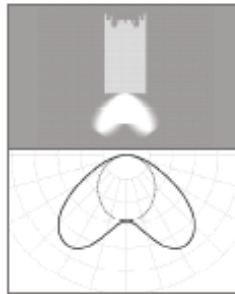
Length 48"
LED HE90
CRI/CCT 90+/3500K
Lumens 3,000
lm/ft 750
Watts 21
W/ft 5.28
LPW 142

DBW60: Batwing 60°



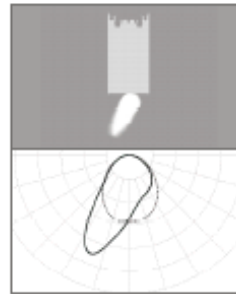
Length 48"
LED HE90
CRI/CCT 90+/3500K
Lumens 3,000
lm/ft 750
Watts 21
W/ft 5.17
LPW 145

DDA70: Double Asymmetric 70°



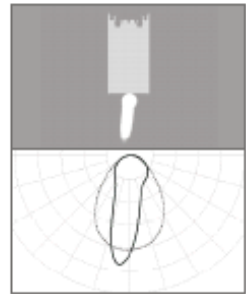
Length 48"
LED HE90
CRI/CCT 90+/3500K
Lumens 3,000
lm/ft 750
Watts 22
W/ft 5.43
LPW 138

DA5025: Asymmetric 50° at 25° Tilt



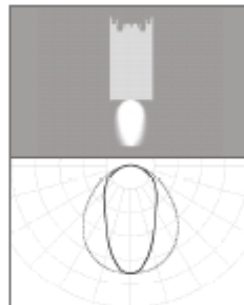
Length 48"
LED HE90
CRI/CCT 90+/3500K
Lumens 3,000
lm/ft 750
Watts 21
W/ft 5.24
LPW 143

DA4005: Asymmetric 40° at 5° Tilt



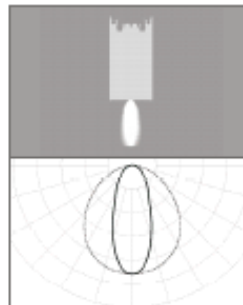
Length 48"
LED HE90
CRI/CCT 90+/3500K
Lumens 3,000
lm/ft 750
Watts 22
W/ft 5.39
LPW 139

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

INDIRECT PHOTOMETRICS

Static White Light

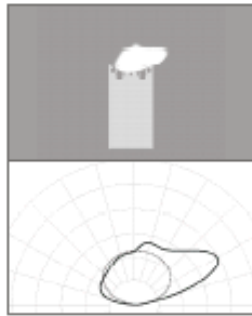
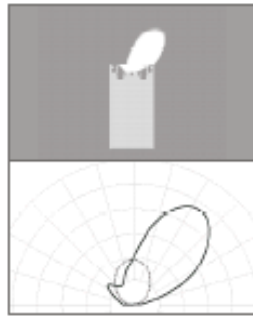
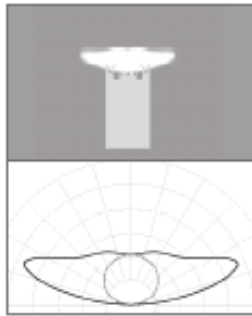
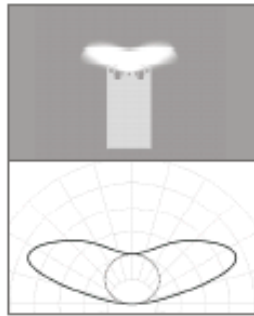
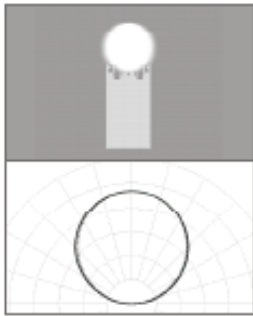
ILAM: Lambertian

IBW120: Batwing 120°

IFT150: FlatTop 150°

IA6040: Asymmetric 60° at 40° Tilt

IA4560: Asymmetric 45° at 60° Tilt



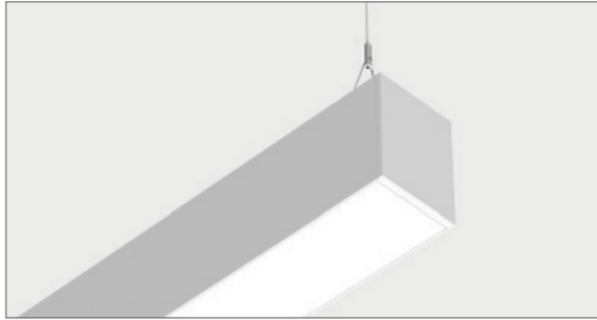
Length 48"
LED HE90
CRI/CCT 90+/3500K
Lumens 4,000
lm/ft 1,000
Watts 19
W/ft 6.45
LPW 155

Length 48"
LED HE90
CRI/CCT 90+/3500K
Lumens 4,000
lm/ft 1,000
Watts 25
W/ft 6.37
LPW 157

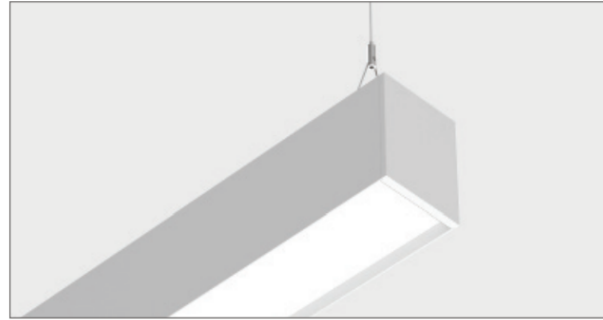
Length 48"
LED HE90
CRI/CCT 90+/3500K
Lumens 4,000
lm/ft 1,000
Watts 27
W/ft 6.67
LPW 150

Length 48"
LED HE90
CRI/CCT 90+/3500K
Lumens 4,000
lm/ft 1,000
Watts 27
W/ft 6.71
LPW 149

Length 48"
LED HE90
CRI/CCT 90+/3500K
Lumens 4,000
lm/ft 1,000
Watts 26
W/ft 6.58
LPW 152



Flush Lens



Regressed Lens

FIXTURE MOUNTING & CONNECTIONS

Mounting Type

T-Bar Mount

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

Drywall/J-Box Mount

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

Canopy

Canopy Sizes & Shapes

2" and 5", Round

Canopy Colors



White (RAL9003) Black (RAL9005)

Canopy Material

Powder Coated Steel

Power Cords

48" Cable Kit

White and Black

96" Cable Kit

White and Black

Mounting Options

Typically suspended at a distance of between 24" and 72". Supplied hardware includes:

- Cable length adjustable at fixture level
- Standard 96" cord length or custom length
- Internal brackets to eliminate light leakage at joints

DJ - Drywall/J-Box Mount



T1 - 9/16" Flat T-Bar Mount



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



T3 - 15/16" Flat T-Bar Mount

