

PHILIPS
LEDALITE

Linear

TruGroove

Perimeter ambient
& graze



Softly
reveal,
lovingly
accentuate.





Perimeter ambient & graze you have to see to believe

Placing emphasis where it belongs.

Philips Ledalite brings you the latest high performance lighting solution for your designer toolbox, **TruGroove LED perimeter** ambient and graze. Whether your desire is to set the mood or create a statement, TruGroove lets you emphasize with illumination.

	TruGroove perimeter graze
Lumen Package*	1400lm/4ft
Power & Color Temp	13.2 W/4ft, 3500K
Efficacy	108 LPW
Light Level Wall**	21 fc (9-51 fc)
Max/Min Wall**	5.6

Room: 24'L x 6'W x 9.5'H, * Nominal value/4ft luminaire. ** Excludes outer edges of space, LLF 0.85.



graze



Punctuate
with
perimeter...
**find the
sweet spot.**

Stand apart from the crowd with TruGroove line-of-light luminaires, a balanced blend of form and function.

Help them find their way... beautifully

When soft ambient light for wayfinding is required, TruGroove perimeter ambient is the ideal choice.



TruGroove perimeter ambient

<i>Lumen Package*</i>	1400 lm/4ft
<i>Power & Color Temp</i>	13.1 W/4ft, 4000K
<i>Efficacy</i>	112 LPW
<i>Light Level Wall**</i>	31 fc
<i>Light Level Workplane**</i>	37 fc
<i>Light Level Floor**</i>	33 fc
<i>Max/Min Workplane**</i>	1.3
<i>Max/Min Floor**</i>	1.3
<i>Energy Density</i>	0.82 W/ft ²

Room: 60'L x 8'W x 9.5'H

* Nominal value/4ft luminaire. ** Excludes outer edges of space, LLF 0.85.









Create calm & comfortable spaces... quietly

TruGroove perimeter ambient & recessed

<i>Lumen Package*</i>	1400 lm/4ft
<i>Power & Color Temp</i>	13.2 W/4ft, 3500K
<i>Efficacy</i>	110 LPW
<i>Light Level Wall**</i>	23 fc
<i>Light Level Floor**</i>	23 fc
<i>Max/Min Wall**</i>	13.3
<i>Max/Min Floor**</i>	2.3
<i>Energy Density</i>	0.48 W/ft ²

Room: 42'L x 14'W x 10'H

* Nominal value/4ft luminaire. ** Excludes outer edges of space, LLF 0.85.

A waiting area can be a relaxing oasis when you combine TruGroove perimeter ambient and recessed lighting.

Focus their attention... professionally

When your group wants to impress in the boardroom with a new strategy or stellar presentation, TruGroove perimeter ambient and recessed are the right team to enhance your success.



	Boardroom (sides only)	Boardroom (center only)
Version	<i>perimeter ambient</i>	<i>linear recessed</i>
Lumen Package*	1400 lm/4ft	1500 lm/4ft
Power & Color Temp	13.2 W/4ft, 3500K	15.1 W/4ft, 3500K
Efficacy	110 LPW	99 LPW
Light Level Wall**	31 fc	15 fc
Light Level Workplane**	22 fc	32 fc (table 43 fc)
Max/Min Wall**	21.0	5.4
Max/Min Workplane**	5.6	4.6 (table 1.6)
Energy Density	0.45 W/ft ²	0.41 W/ft ²
Room: 32'L x 14'W x 9'H		
* Nominal value/4ft luminaire. ** Excludes outer edges of space, LLF 0.85.		







Splash with color & texture.. cleanly

TruGroove perimeter ambient

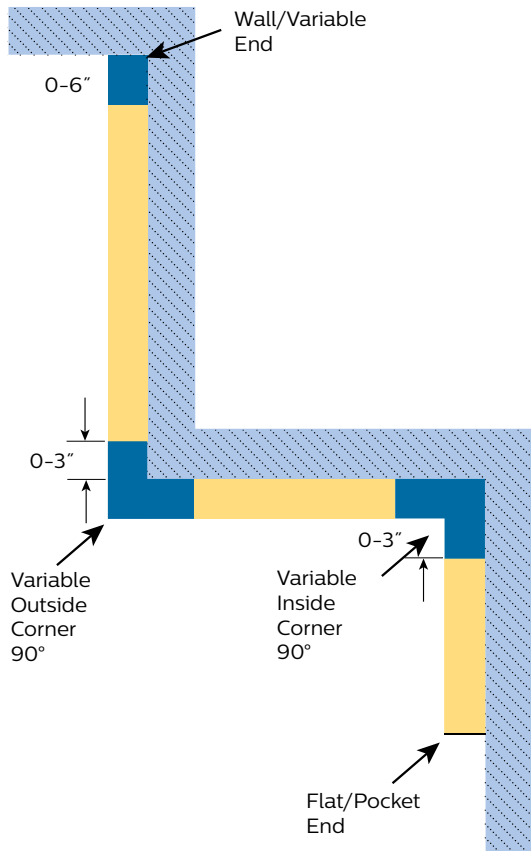
<i>Lumen Package*</i>	2100 lm/4ft
<i>Power & Color Temp</i>	19.3 W/4ft, 3500K
<i>Efficacy</i>	113 LPW
<i>Light Level Workplane**</i>	31 fc
<i>Light Level Floor**</i>	21 fc
<i>Max/Min Workplane**</i>	5.1
<i>Energy Density</i>	0.77 W/ft ²

Room: 14'L x 6'W x 9'H

* Nominal value/4ft luminaire. ** Excludes outer edges of space, LLF 0.85.

Smooth, balanced light cascades down the wall and illuminates the brightly colored tile. Imagine how you could change the look and feel of your space with TruGroove perimeter.

Patterns



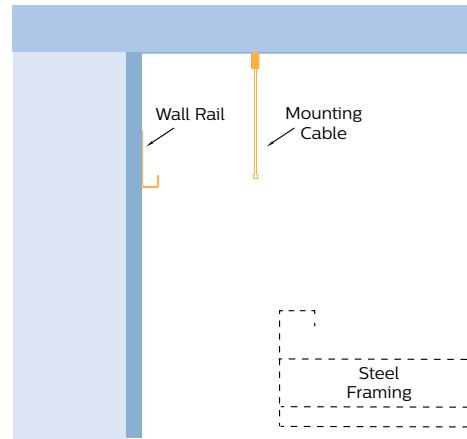
Variable and flat end sections close the plenum slot at a wall or selected pocket location.

Variable inside and outside corners handle site conditions and tight beam control avoids tapered optics.

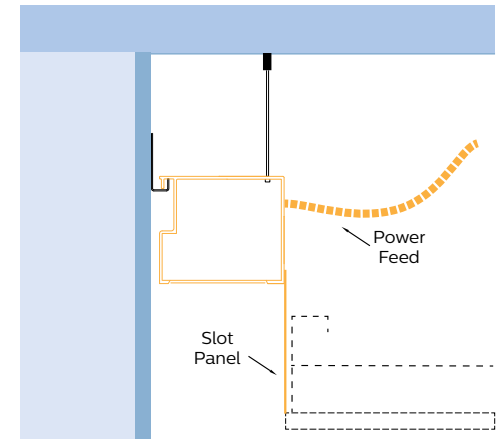
Clean Installation

Drywall ceiling example

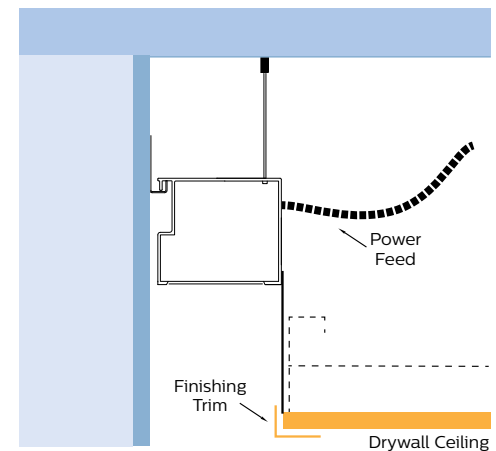
Install ceiling framing in advance



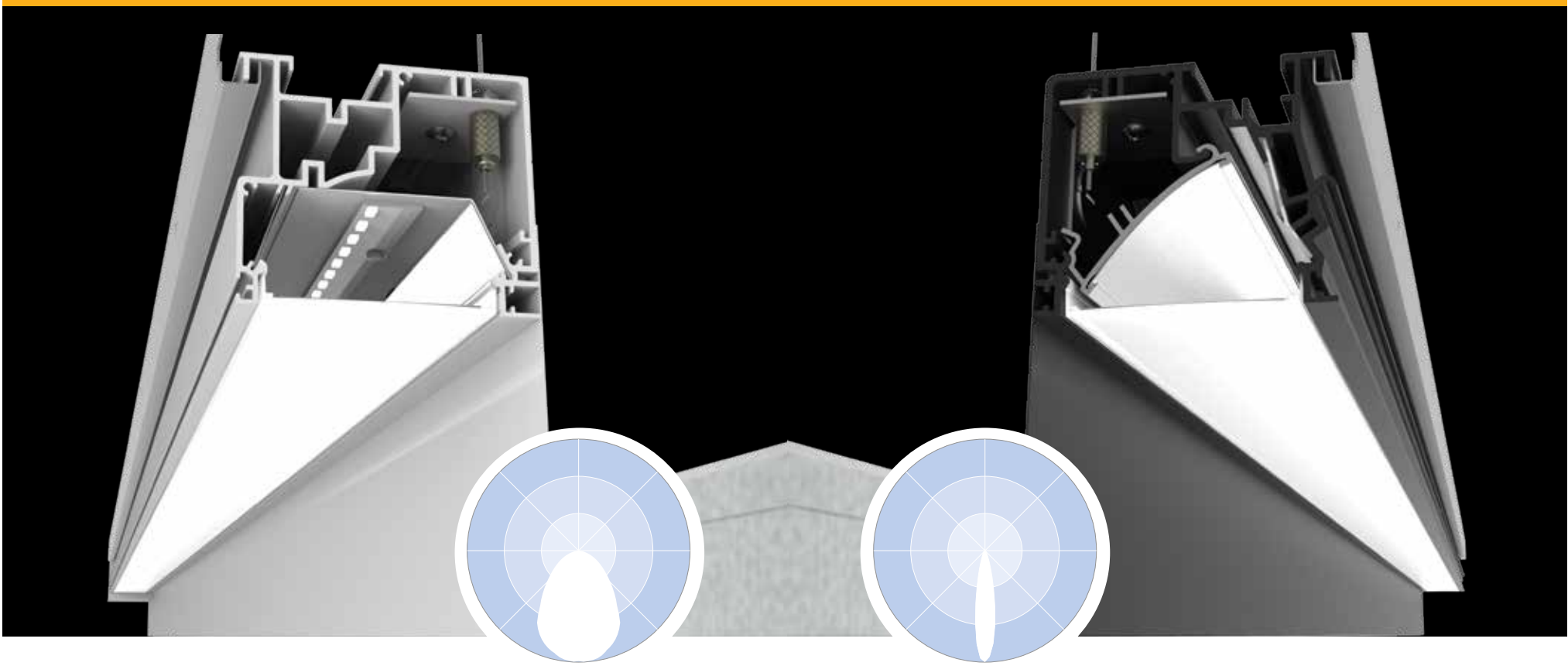
1. Install mounting rail and cables



2. Hang fixtures & connect power

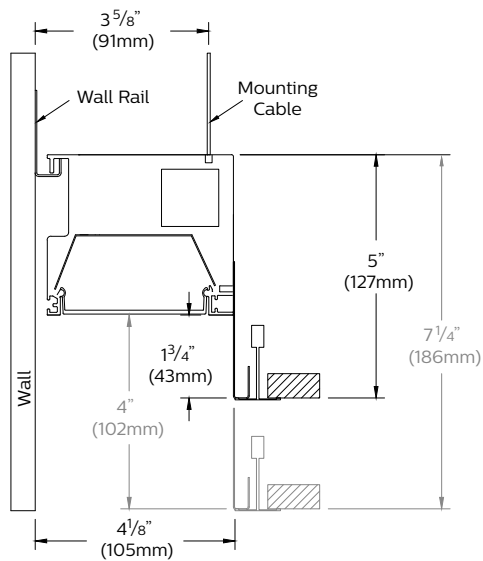


3. Finish ceiling & attach trim



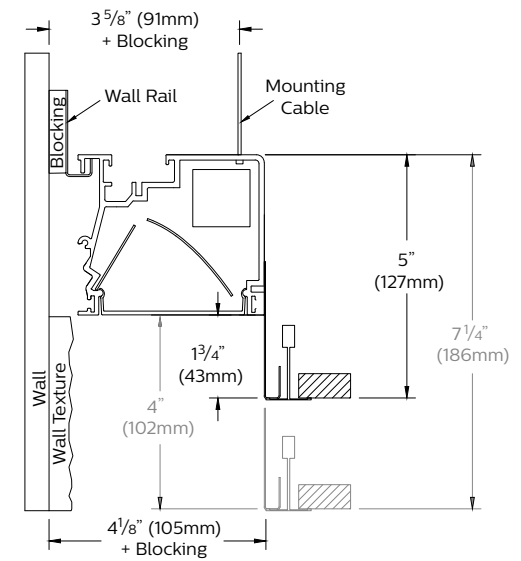
Ambient

TruGroove Perimeter ambient version is designed to light the top few feet of a wall from a hidden slot and bounce light into the space. The result is a gentle ambient glow around the perimeter of the room together with general workplane or floor illumination up to 8ft from a 9ft wall. Philips Ledalite MesoOptics® technology softens and controls stray light, particularly at the ends and corners. This minimizes hot spots, avoids the use of tapered optics, and delivers efficacies up to 115 lm/W.

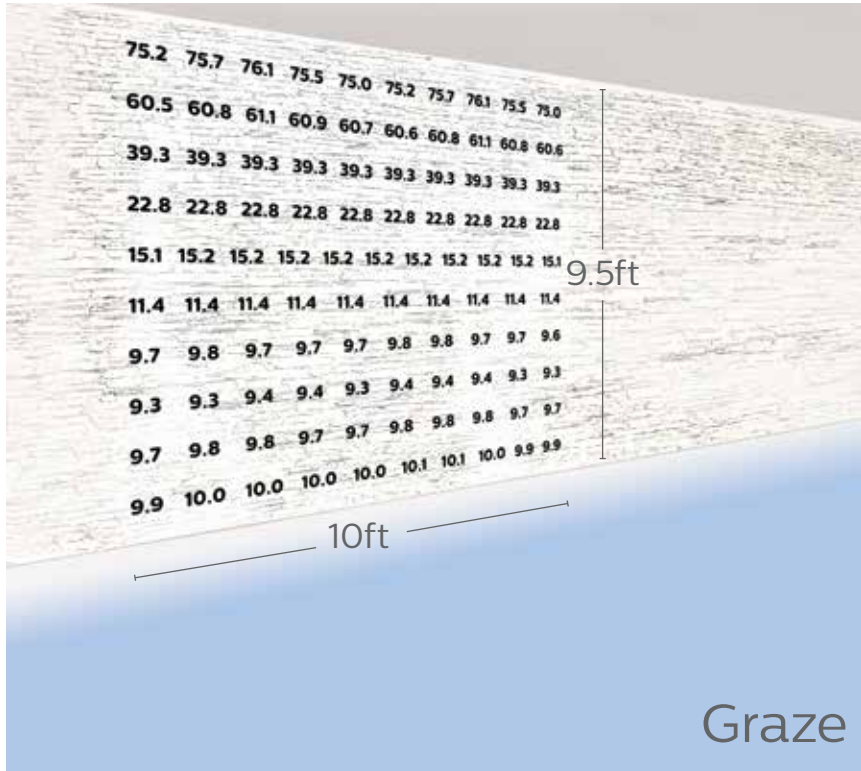


Graze

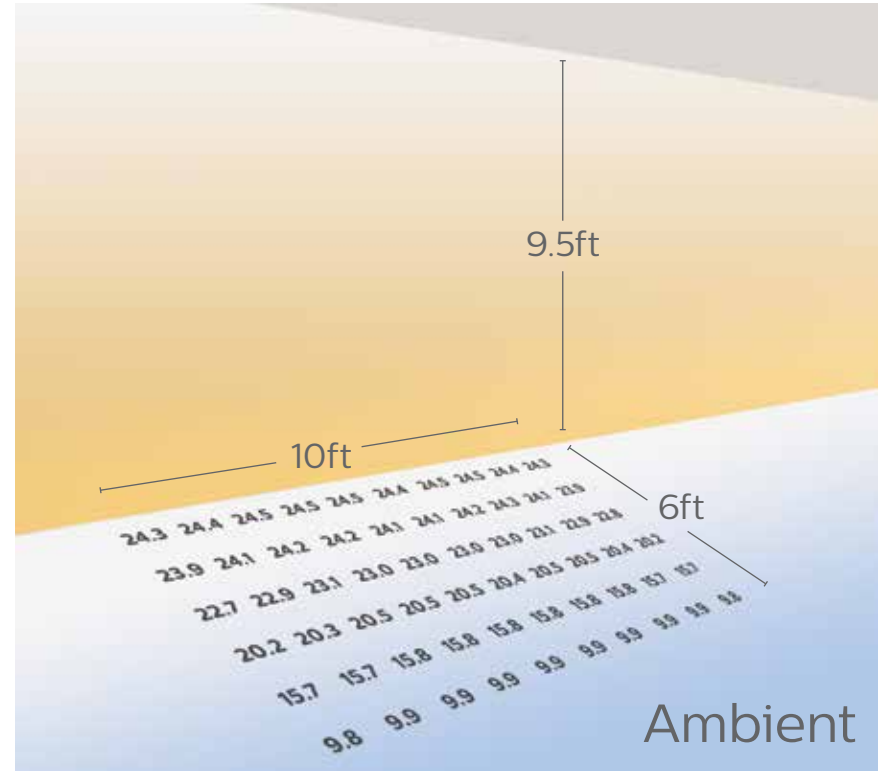
TruGroove Perimeter graze version is designed to send a focused beam of light down the entire face of a textured wall, creating a dramatic lighting feature. Its novel reverse parabolic optic redirects light from LEDs facing away from the wall in order to achieve a top-to-bottom uniformity of 8:1 on a 9ft wall. This approach is flexible enough to generate striking effects with texture depths from 1/16\" to 1\", as well as industry leading efficacies up to 113 lm/W.



Application Guide



Graze



Ambient

	TruGroove Perimeter Graze Wall	TruGroove Perimeter Ambient Floor
Lumen Package*	2100 lm/4ft	1400 lm/4ft
Power & Color Temp	19.3 W/4ft, 3500K	13.2 W/4ft, 3500K
Efficacy	111 LPW	110 LPW
Light Level Wall**	26 fc (9-76 fc)	25 fc
Light Level Floor**	N/A	20 fc (10-24fc)
Max/Min Wall**	8.2	40
Max/Min Floor**	N/A	2.5
Energy Density	N/A	0.55 W/ft

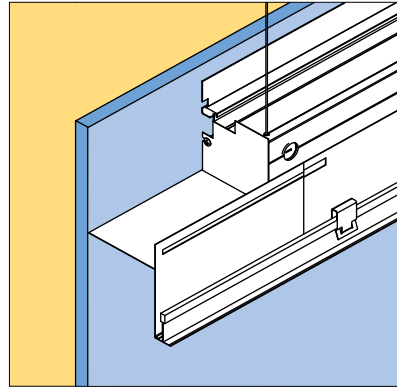
*Nominal value /4ft luminaire

** Excludes outer edges of space, LLF 0.85

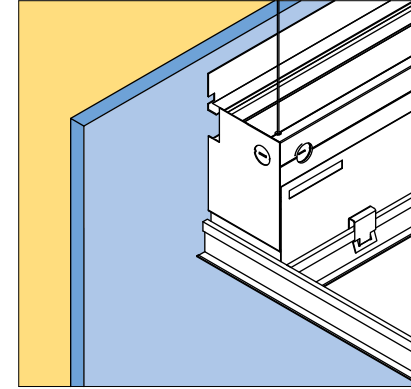
Product Details

End & Corner Details (grid shown)

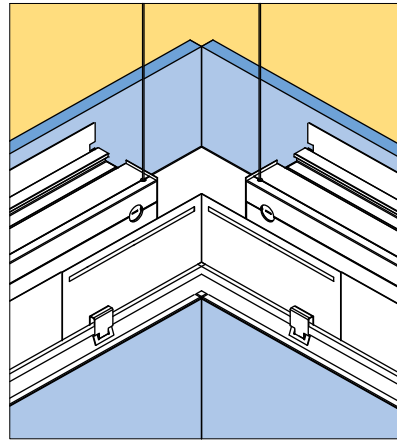
Variable/Wall
endplate



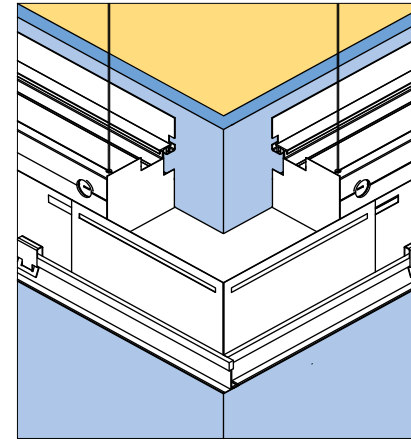
Flat/Pocket
endplate



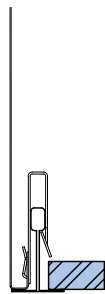
Inside corner



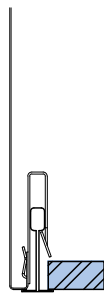
Outside corner



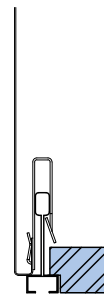
Trims



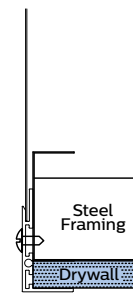
15/16" T-Grid



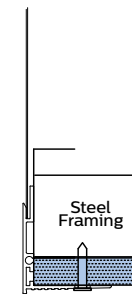
9/16" T-Grid



9/16" Tegalur Grid



Drywall Trim

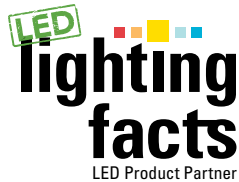


Drywall Trimless

A partner you can trust...

Today's rapid state of technology transformation demands an innovation partner you can trust.

Philips Ledalite is a partner of the U.S. Department of Energy's Lighting Facts Program. As part of this program, TruGroove LED perimeter configurations are independently tested to IES LM-79 industry standards to validate their performance. The Lighting Facts label provides key product performance data to ensure LED products perform as expected.



Futureproof. Period.

Philips Ledalite LED solutions are field upgradable to stay current with the latest advancements in solid state lighting technology. TruGroove LED perimeter is designed with a simple plug-and-play platform so that field replacement and maintenance are quick and hassle-free. As a partner with the world's leading LED component suppliers, we provide high quality, top performing products, and a commitment to ongoing research and development.

Always Moving Forward

To learn about this product's warranty information, please visit: philips.com/warranties

Visit philips.com/trugroove for the most up-to-date LED application data.

Specification Guide

Product Version		Light Source				Body				Electrical		
Family	Version*	Distribution	Source	Color Temp**	Lumen Package**	Optics	Housing	Ceiling/Trim	Run Length	Wiring‡	Voltage	Driver***
49 TruGroove LED Perimeter	0 Straight Run or 90° Pattern	8 Ambient	L LED	A 4000K	D 4100 lm/4ft	Q Flush Meso-Optics Lens	S Standard C Chicago	N All Ceiling Trims‡	02 2ft	7 1 cct dimming M 1 cct dimming + EM wiring N 1 cct dimming + EM batt. pack	1 120V 2 220-277V 3 347V	E Philips Advance 0-10V (1% Dim)
		9 Graze		B 3500K	E 3000 lm/4ft				03 3ft			
* For corners and patterns, please provide detailed sketches highlighting number and type of corner(s). Some options may not be combined. For complex configurations, please consult your Philips representative.				** Nominal values within a range. Note: Consult IES file for exact color temp and lumen output.		P Reverse Parabolic Optic w/Flush Lens		‡ Refer to slot & ceiling trim selection	XX Total wall length from 2ft (to 1/8")	± Ask your Philips representative about other available wiring options. Note: BP & EM cct available in ambient version only.	*** Consult your Philips representative for other supported drivers.	

Slot & Ceiling Trim

End Set - Left	End Set - Right	Slot Height	Slot Panel	Ceiling Trim
S Fixed/Pocket End C Variable/Wall End	S Fixed/Pocket End C Variable/Wall End	2 1.75" 4 4"	S Standard Solid A Air Return Note: Air return only available with T-grid 4" slot	1 T-Grid 3 Drywall Trimless 4 Drywall Trim



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PLe-1707BR 06/17 philips.com/luminaires

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