



**TruGroove** suspended, surface & wall is driving performance beyond the edge. Innovative optics deliver exceptional uniformity and wide row spacing from a 3" aperture continuous line-of light. An extended family and refined design are perfect for lighting any professional space.

Project: \_\_\_\_\_

Location: \_\_\_\_\_

Cat.No: \_\_\_\_\_

Type: \_\_\_\_\_

Line ID: \_\_\_\_\_ Qty: \_\_\_\_\_

Notes: \_\_\_\_\_

## Ordering guide – Standard

example: 2911LBEQN087DEB

Family		Source	CRI/CCT <sup>1</sup>	Lumens <sup>1</sup>	Optics	Run Length	Wiring <sup>2</sup>	Voltage	Driver
2911		L							
2911	TruGroove Surface Direct	L LED	A 80CRI/4000K	E 3200 lm/4ft	QN Symmetric MesoOptics Lens  WN Asymmetric MesoOptics Lens	04 4ft	7 1cct Dimming	D UNV 120-277V	E Advance 0-10V (1% Dim)
			B 80CRI/3500K	G 2300 lm/4ft		06 6ft	M 1cct Dimming + Aux. Wiring	3 347V	
			C 80CRI/3000K	K 1500 lm/4ft		08 8ft	N 1cct Dimming + Battery Pack (8ft only)	D UNV 120-277V	S Advance Sensor Ready (5% Dim)
						xx Continuous Run (2ft increments)			
Finish		Option	Sensor	<div>1. Nominal values within a range. Consult photometry data for CRI, color temp, lumens &amp; distribution of chosen configuration.</div> <div>2. Not all wiring types are available with all configurations. Consult Ledalite for a complete list of available options.</div>					
W Standard White									
T Titanium Silver									
B Black	N No Option	SZ SpaceWise DT Daylight & Occupancy							
C Custom									

1. Nominal values within a range. Consult photometry data for CRI, color temp, lumens & distribution of chosen configuration.
2. Not all wiring types are available with all configurations. Consult Ledalite for a complete list of available options.

## Standalone controls

### SpaceWise DT

- Suspended version available with SpaceWise DT Daylight & Occupancy sensing with advanced grouping & dwell time.
- Dimming with compatible Zigbee wireless wall switches.

[www.usa.lighting.philips.com/systems/lighting-systems/spacewise](http://www.usa.lighting.philips.com/systems/lighting-systems/spacewise)

See p. 2 for Connected & IoT product offerings.

# TruGroove linear surface

## Ordering guide – Connected systems

example: 2911LBGQN087DSWNIP

Family		Source	CRI/CCT <sup>1</sup>		Lumens <sup>1</sup>	Optics	Run Length	Wiring <sup>2</sup>	
2911		L							
2911	TruGroove Surface Direct	L LED	A	80CRI/4000K	E	3200 lm/4ft	QN Symmetric MesoOptics Lens	7	1cct Dimming
			B	80CRI/3500K	G	2300 lm/4ft		06	6ft
			C	80CRI/3000K	K	1500 lm/4ft		08	8ft
			2	2-channel Tunable White 80CRI/2700-6500K				xx	Continuous Run (2ft increments)
Voltage		Driver	Finish	Options	System/Controls <sup>2,3</sup>				
D	UNV 120-277V	S	Advance Sensor Ready (5% Dim)	W	Standard White	N	No Option	IP	Interact Pro
3	347V			T	Titanium Silver				
				B	Black				
L	Low Voltage (48-54V DC)	P	PoE Lighting Controller	C	Custom			IO	Interact Office Wired (PoE) with Daylight and Occupancy

Note: Options with the same color coding must be paired together.

1. Nominal values within a range. Consult photometry data for CRI, color temp, lumens & distribution of chosen configuration.
2. Not all wiring types or sensors are available with all configurations. Consult Ledalite for a complete list of available options.
3. Sensors only available in white, sensors can be combined with any luminaire finish.

## Connected systems

### Interact Pro

- A wireless IoT connected lighting solution for small and medium-sized businesses.
- Commissioning via Android or iOS mobile device and Interact Pro app.
- Compatible Zigbee Green Power wall dimmer and wireless Occupancy or Daylight & Occupancy sensors available.
- Open APIs for light control and data exchange.

[www.interact-lighting.com/pro](http://www.interact-lighting.com/pro)

### Interact Office Wired (PoE), Tunable White

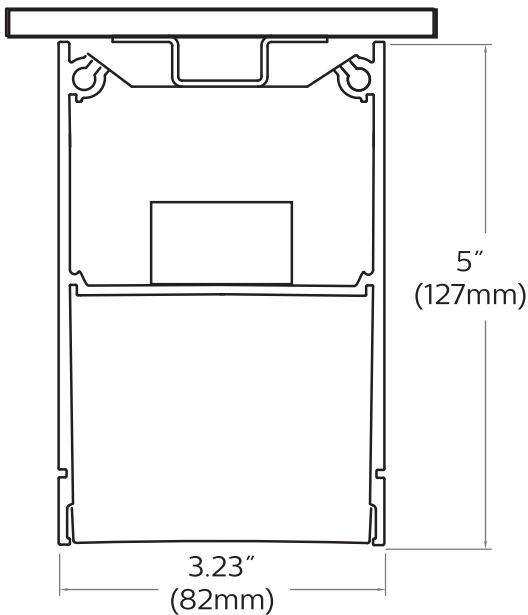
- PoE based IoT connected lighting solution for large enterprises that span across multiple floors, buildings and require multiple gateways.
- Use Interact Office software and insights to increase building efficiency, achieve building wide integration and optimize space through occupancy analytics.
- Human centric lighting through tunable white technology - Dynamic behaviors via scheduled lighting recipes mimicking daylight patterns or supporting biorhythms.
- Supports advanced IoT Apps on Personal Control, Space Management, wayfinding, room/desk reservation and offers open APIs for light control and data exchange.

[www.interact-lighting.com/office](http://www.interact-lighting.com/office) or [www.usa.lighting.philips.com/systems/system-areas/offices](http://www.usa.lighting.philips.com/systems/system-areas/offices)

Note: Signify Interact Office Luminaires are not sold individually and are only compatible with Signify's Interact Office control system & software. The system requires a compatible back-end IT infrastructure for normal operations, please consult your Signify representative for additional information.

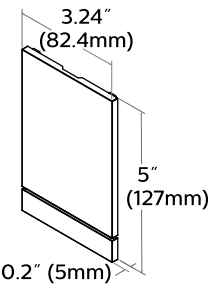
# TruGroove linear surface

Cross Section View – Direct Distribution (2911)



Cross Section View – Endcaps

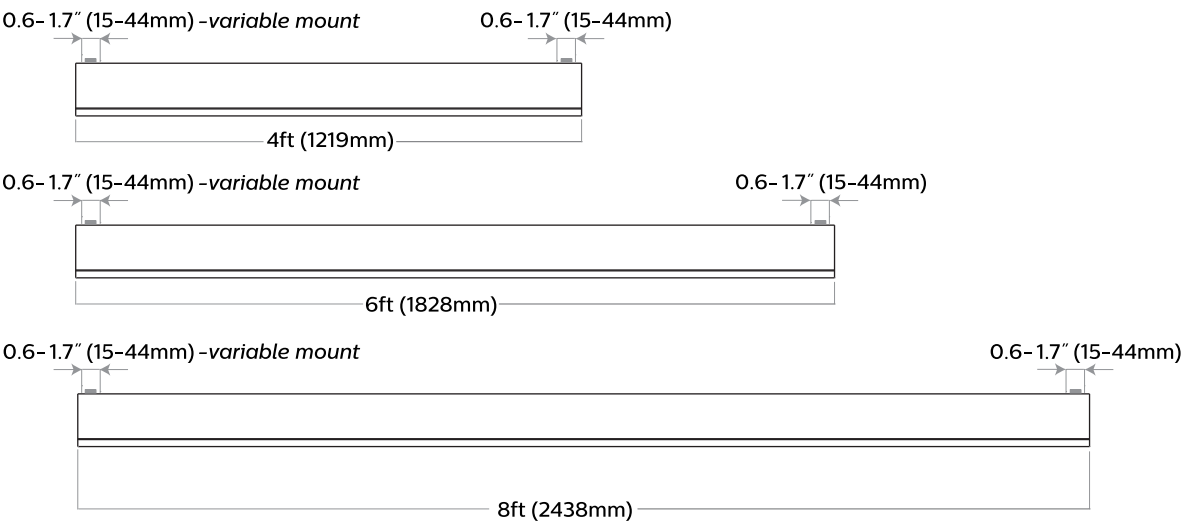
Direct / Indirect Endcap



## Module Details & Dimensions

### Side View

Surface Mount Without Endcaps



# TruGroove linear surface

## Specifications

### Optical System

White light emitted from a linear array of downward-facing LEDs is laterally redirected using either a biconvex lens or optical microstructures embedded in a layer of MesoOptics DX film. An extruded acrylic lens and MesoOptics film assembly then generates an optimal batwing distribution and a uniform continuum of light.

### Endcaps

Diecast flat aluminum endcaps with integral groove to match housing.

### Finish

High quality powder coated, available in matte white, black or titanium silver. Other custom colors available on request. White sensors only.

### Housing

Precision aluminum extrusion, post painted.

### Weight

Maximum: Suspended & Surface 3.9lb/ft,  
Wall 4.1lb/ft & 2'x2' Corner unit 21lb.

### Electrical

Factory pre-wired to section ends with quick-wire connectors.

### Standard Drivers

Advance Xitanium 0-10V, 1% dimming.

Advance Xitanium SR, 5% dimming.

PoE Lighting Controller (for PoE tunable white).

Class 2 rated output. Consult Ledalite for other available drivers.

### Standard Battery Packs

Bodine Battery Pack, 90 min, 10W, Class 2 rated output.  
Lumen output = 10W x luminaire efficacy x 1.1. Typical output 1000lm.

PoE Battery Pack, 90 min, 6W, Class2 rated output.  
Lumen output = 6W x luminaire efficacy. Typical output 600lm.

### Lumen Maintenance

At an ambient temperature of 25°C, the LED lumen maintenance expectation according to IES TM-21-11 is:

L80 (12k) 60,000 hrs (Reported methodology)

L80 (6k) 110,000 hrs (Projected methodology).

### Source Color

LEDs rated for color rendering of:

CRI >80 & R9 >0

CRI >90 & R9>50

Fixture to fixture color accuracy within:

2 SDCM for Static White luminaires

3 SDCM for Tunable White luminaires

### Mounting

Fixture is mounted flush to surface using hidden brackets that attach to existing structure, variable between 0.6"-1.7" from end or joint.

### Joints

Self-aligning joining system with hands-free pre-joining wire access.

### Approvals

Certified to UL, CSA and IES standards.

### QuickShip

Available for most non-connected configurations upon request. More information available at: [www.signify.com/en-us/brands/ledalite/quickship](http://www.signify.com/en-us/brands/ledalite/quickship)

### Warranty

Five-year luminaire limited warranty including LED boards and driver.  
[www.signify.com/warranties](http://www.signify.com/warranties)

### Environment

Rated for dry or damp locations in operating ambient temperatures 0-40°C (32-104°F). Certain luminaire components may be adversely affected by contaminants. Damage caused by sulfur, chlorine, petroleum based solutions or other contaminants in the area of operation are not covered under warranty. Not suitable for natatorium environments.

# TruGroove linear surface

## Photometrics

Direct Distribution (2911)

Spacing Criteria: 1.15/1.63

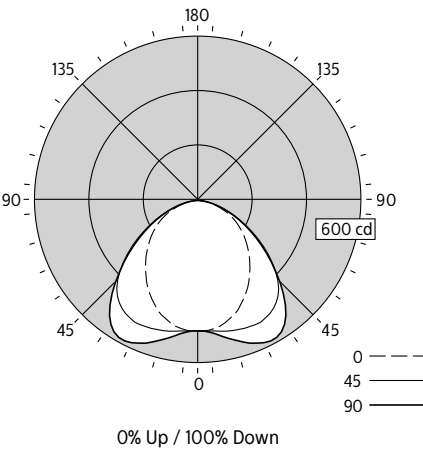
(Click "IES" text to Download)

Optics	Lumen Package	Nominal CRI & CCT	Flux (lm)	Watts (W)	Efficacy (LPW)	CRI	R9	Distribution	RP-1 VDT	DLC	IES File
Symmetric MesoOptics Lens QN	3200 lm/4ft	80CRI, 4000K	3257	35.4	92.0	83	13	0% Up / 100% Down	N/A	N/A	<a href="#">IES</a>
		80CRI, 3500K	3247	34.9	93.0	82	6	0% Up / 100% Down	N/A	N/A	<a href="#">IES</a>
		80CRI, 3000K	3140	34.9	90.0	81	2	0% Up / 100% Down	N/A	N/A	<a href="#">IES</a>
	2300 lm/4ft	80CRI, 4000K	2340	24.1	97.1	83	13	0% Up / 100% Down	Normal spaces	N/A	<a href="#">IES</a>
		80CRI, 3500K	2332	23.8	98.0	82	6	0% Up / 100% Down	Normal spaces	N/A	<a href="#">IES</a>
		80CRI, 3000K	2254	23.8	94.7	81	3	0% Up / 100% Down	Normal spaces	N/A	<a href="#">IES</a>
	1500 lm/4ft	80CRI, 4000K	1498	15.3	97.9	83	13	0% Up / 100% Down	Critical spaces	N/A	<a href="#">IES</a>
		80CRI, 3500K	1493	15.1	98.9	82	6	0% Up / 100% Down	Critical spaces	N/A	<a href="#">IES</a>
		80CRI, 3000K	1444	15.1	95.6	81	4	0% Up / 100% Down	Critical spaces	N/A	<a href="#">IES</a>

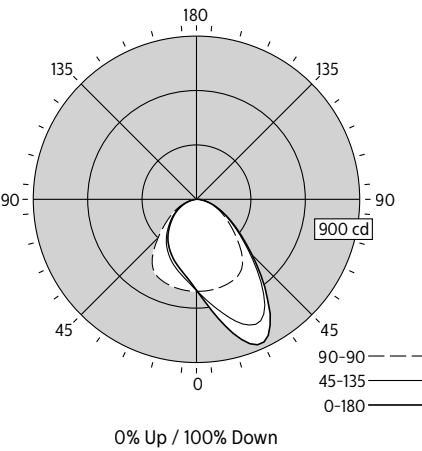
Spacing Criteria: 1.66/1.34

Asymmetric MesoOptics Lens WN	3200 lm/4ft	80CRI, 4000K	2970	35.6	83.4	83	13	0% Up / 100% Down	Normal spaces	N/A	<a href="#">IES</a>
		80CRI, 3500K	2961	35.1	84.4	82	6	0% Up / 100% Down	Normal spaces	N/A	<a href="#">IES</a>
		80CRI, 3000K	2863	35.1	81.6	81	2	0% Up / 100% Down	Normal spaces	N/A	<a href="#">IES</a>
	2300 lm/4ft	80CRI, 4000K	2134	24.3	87.8	83	13	0% Up / 100% Down	Normal spaces	N/A	<a href="#">IES</a>
		80CRI, 3500K	2127	24.0	88.6	82	6	0% Up / 100% Down	Normal spaces	N/A	<a href="#">IES</a>
		80CRI, 3000K	2057	24.0	85.7	81	3	0% Up / 100% Down	Normal spaces	N/A	<a href="#">IES</a>
	1500 lm/4ft	80CRI, 4000K	1366	15.4	88.7	83	13	0% Up / 100% Down	Critical spaces	N/A	<a href="#">IES</a>
		80CRI, 3500K	1362	15.2	89.6	82	6	0% Up / 100% Down	Critical spaces	N/A	<a href="#">IES</a>
		80CRI, 3000K	1317	15.2	86.6	81	4	0% Up / 100% Down	Critical spaces	N/A	<a href="#">IES</a>

Symmetric MesoOptics Lens – QN



Asymmetric MesoOptics Lens – WN



\*Candela shown is for 1500 lm/4ft, 3500K, 80 CRI configuration.

# TruGroove linear surface w/tunable white

## Photometrics

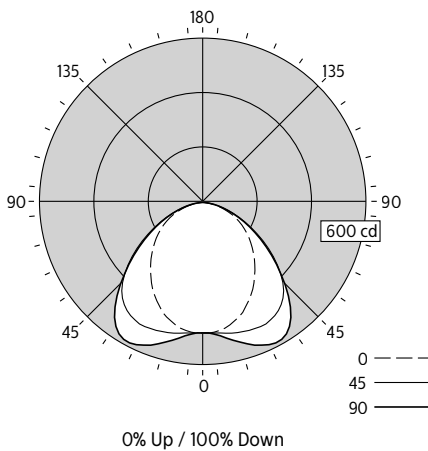
Direct Distribution (2911)

Spacing Criteria: 1.15/1.63

(Click "IES" text to Download)

Optics	Lumen Package	Nominal CRI & CCT	Flux (lm)	Power (W)	Efficacy (LPW)	CRI	R9	Distribution	RP-1 VDT	Photometry Report	IES File
Symmetric MesoOptics Lens QN	3200 lm/4ft	80CRI, 2700K	3191	32.4	98.5	82	8	0% Up / 100% Down	N/A	PDF	IES
		80CRI, 3000K	3192	31.9	100.1	84	14	0% Up / 100% Down	N/A		
		80CRI, 3500K	3193	31.1	102.6	86	23	0% Up / 100% Down	N/A		
		80CRI, 4000K	3194	30.5	104.8	87	28	0% Up / 100% Down	N/A		
		80CRI, 5000K	3195	29.6	108.1	87	26	0% Up / 100% Down	N/A		
		80CRI, 6500K	3197	28.4	112.6	84	13	0% Up / 100% Down	N/A		
	2300 lm/4ft	80CRI, 2700K	2304	22.7	101.5	83	9	0% Up / 100% Down	Normal spaces	PDF	IES
		80CRI, 3000K	2304	22.4	102.7	84	16	0% Up / 100% Down	Normal spaces		
		80CRI, 3500K	2304	22.1	104.5	86	24	0% Up / 100% Down	Normal spaces		
		80CRI, 4000K	2304	21.7	106.0	87	28	0% Up / 100% Down	Normal spaces		
		80CRI, 5000K	2303	21.3	108.3	87	27	0% Up / 100% Down	Normal spaces		
		80CRI, 6500K	2303	20.7	111.4	84	12	0% Up / 100% Down	Normal spaces		
	1500 lm/4ft	80CRI, 2700K	1522	14.5	104.9	83	10	0% Up / 100% Down	Normal spaces	PDF	IES
		80CRI, 3000K	1522	14.4	105.7	85	17	0% Up / 100% Down	Normal spaces		
		80CRI, 3500K	1521	14.2	106.8	87	25	0% Up / 100% Down	Normal spaces		
		80CRI, 4000K	1521	14.1	107.8	87	29	0% Up / 100% Down	Normal spaces		
		80CRI, 5000K	1520	13.9	109.3	87	28	0% Up / 100% Down	Normal spaces		
		80CRI, 6500K	1519	13.7	111.3	84	11	0% Up / 100% Down	Normal spaces		

## Symmetric MesoOptics Lens – QN



\*Candela shown is for 1500 lm/4ft, 3500K, 80 CRI configuration.

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