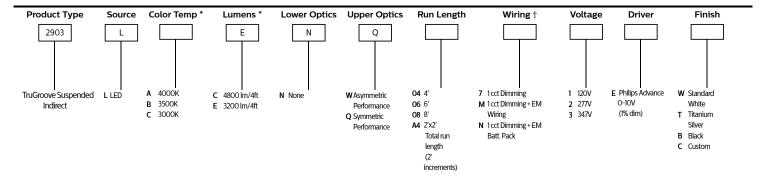


TruGroove Recessed is driving performance beyond the edge. Innovative optics deliver exceptional uniformity and wide row spacing from a 3" aperture continuous line-of light. An extended family and refined design are perfect for lighting any professional space.

Ordering guide

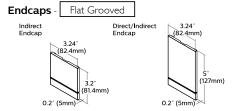


- * Nominal values within a range. Consult photometry data for color temp, lumens & distribution of chosen configuration.
- † Not all wiring types are available with all configurations. Consult Philips Ledalite for a complete list of available options.

Mounting Hardware

Mount Type
Consult separate mounting spec sheet for mount type options

Suspension Length
Distance from ceiling to top of luminaire in inches







3200 lm/4ft, Indirect 3000/3500/4000K

Optical System

Upper hemisphere: White light emitted from a linear array of upward-facing LEDs is shaped into a homogeneous, wide-throw batwing distribution using either a freeform elliptical lens or an engineered light guide panel. Lower hemisphere: 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

Endcaps

continuum of light.

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

Philips Advance Xitanium 0-10V, 1-100%. Philips Advance Xitanium SR, 5-100% (for SpaceWise DT).

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

Standard Battery Pack

Philips Bodine, 90 min, 10W, Class 2 rated output, Emergency lumen output = 10W x luminaire efficacy x 1.1. Typical output: 1100lm.

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 CRI >80, R9 >0 and fixture to fixture color accuracy within 2 SDCM.

Controls

Suspended version available with the following integrated controls:

Response daylight sensor (for single zone). SpaceWise DT occupancy & daylight sensor w/advanced grouping & dwell time.

SpaceWise DT commissioning via Android phone and Philips Field App. Compatible dimming wireless wall switches are available. For more information, please refer to www.philips.com/spacewise

Mounting

Suspended: Variable sling mount allows +/- 5" of horizontal adjustment from joint or end. Aircraft cable and tamper-resistant gripper provide unlimited vertical adjustment and are independently tested to stringent safety standards.

Wall: A hidden steel rail and bracket system attaches to the existing structure and supports housings close to the wall. Mount positioning is fully variable along the modules to accommodate site conditions, spaced up to 4½' on center and within 12" of an end or joint. Surface: Fixture is mounted flush to surface using hidden brackets that attach to existing structure, variable

Joints

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

between 0.6"-1.7" from end or joint.

Approvals

Certified to UL, CSA and IES standards. Certain symmetric indirect/direct and indirect versions are DesignLights Consortium® qualified. Please see the DLC QPL list for exact catalog numbers (www.designlights.org/QPL).

Warranty

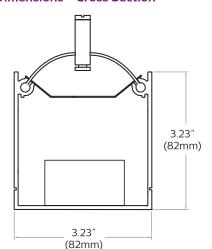
Philips indoor professional luminaires 5 year LED warranty: http://www.philips.com/warranties

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.

Due to continuing product improvements, Philips Ledalite reserves the right to change the specifications without notice.

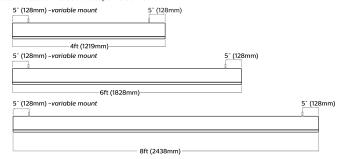
Dimensions - Cross Section



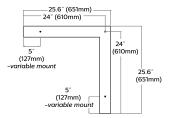
3200 lm/4ft, Indirect 3000/3500/4000K

Dimensions - Modules

Suspended Linear Modules Without Endcaps - Side View

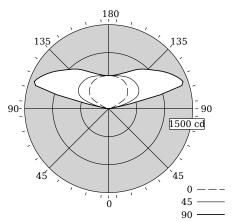


Suspended 2'x2' Corners Without Endcaps – Top View

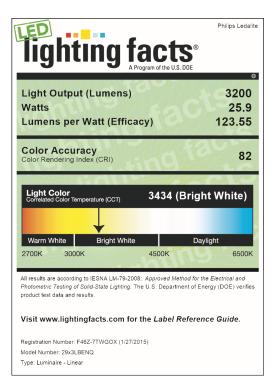


3200 lm/4ft, Indirect 3000/3500/4000K

Photometry - 3500K



100% Up / 0% Down



Candela Distribution

Vertical	Horizontal Angle					Zonal
Angle	0	22.5	45	67.5	90	Lumens
0	0	0	0	0	0	0
5	0	0	0	0	0	0
15	0	0	0	0	0	0
25	0	0	0	0	0	0
35	0	0	0	0	0	0
45	0	0	0	0	0	0
55	0	0	0	0	0	0
65	0	0	0	0	0	0
75	0	0	0	0	0	0
85	0	0	0	0	0	0
90	0	0	0	0	0	0
95	14	21	21	23	24	27
105	58	74	273	785	956	393
115	166	233	578	1051	1344	648
125	400	450	650	987	1162	640
135	480	521	665	882	989	543
145	538	566	662	784	848	424
155	571	584	636	687	710	296
165	584	589	609	625	632	173
175	589	588	591	591	591	57
180	589	589	589	589	589	0

Values per 4ft unit

Fixture photometry has been conducted in accordance with IESNA LM-79-08

IES files for this and other photometric options can be downloaded online at www.lightingproducts.philips.com

Coefficients of Utilization (%)

DCD	Ceiling:		8	0			70			50		0
RCR	Wall:	70	50	30	10	70	50	30	50	30	10	0
0		95	95	95	95	81	81	81	56	56	56	0
1		87	83	79	76	74	71	68	48	47	45	0
2		79	72	66	62	67	62	57	42	40	37	0
3		72	63	57	51	61	54	49	37	34	31	0
4		65	56	48	43	56	48	42	33	29	26	0
5		60	49	42	36	51	42	36	29	25	22	0
6		55	44	36	31	47	38	32	26	22	19	0
7		50	39	32	27	43	34	28	23	19	17	0
8		47	35	28	23	40	30	24	21	17	14	0
9		43	32	25	20	37	27	22	19	15	13	0
10		40	29	22	18	34	25	19	17	14	11	0

Avg. Luminance (cd/m2)

Vertical	Horizontal Angle				
Angle	0	45	90		
55	0	0	0		
65	0	0	0		
75	0	0	0		
85	0	0	0		

Distribution

Hemisphere	100% Up / 0% Down
Peak/Zenith	2.40
Peak Output	1414 cd
Glare Control	Meets RP-1-12 recommendations for VDT-Critical spaces

3200 lm/4ft, Indirect 3000/3500/4000K

Optical Performance

Nominal CCT:	3000K	3500K	4000K
Flux (lm)	3141	3200	3263
Efficacy (lm/W)	122.2	123.6	126.0
Power (W)	25.7	25.9	25.9
CCT (K)	3100	3434	4075
CRI	81	82	83
R9	4	6	13
x	0.4326	0.4114	0.3778
у	0.4072	0.3986	0.3770
Duv	0.0020	0.0020	0.0010

Electrical Performance - 3500K

Input Voltage	120V	277V	347V	
Input Power	25.9W	25.7W	22.5W	
Input Current	0.22A	0.10A	0.07A	
Power Factor	0.996	0.969	0.932	
Total Harm. Distortion	6.5%	13.7%	14.0%	

Tested values . contact technical support for rated values. Off-state power zero unless certain controls are specified.

