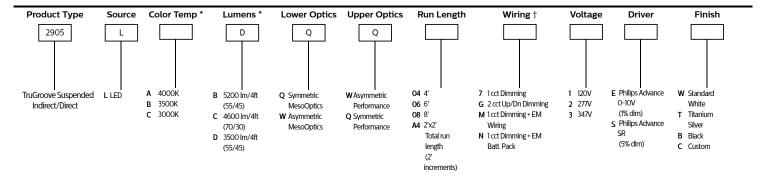


TruGroove Recessed is driving performance beyond the edge. Innovative optics deliver exceptional uniformity and wide row spacing from a 3" aperture continuous line-of light. An extended family and refined design are perfect for lighting any professional space.

Ordering guide



^{*} Nominal values within a range. Consult photometry data for color temp, lumens & distribution of chosen configuration.

Mount Type Consult separate mounting spec sheet for mount type options Endcaps - Flat Grooved Integrated Controls Please indicate with check mark. | Response Daylight Single Zone (DS) | SpaceWise DT Occupancy & Daylight Sensor (SZ)





[†] Not all wiring types are available with all configurations. Consult Philips Ledalite for a complete list of available options.

3500 lm/4ft, Indirect/Direct 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

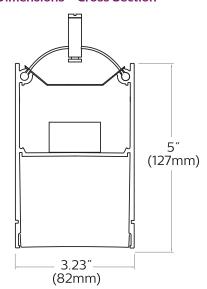
Philips indoor professional luminaires 5 year LED warranty: http://www.philips.com/warranties

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.

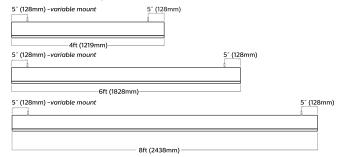
Dimensions - Cross Section



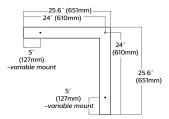
3500 lm/4ft, Indirect/Direct 3000/3500/4000K

Dimensions - Modules

Suspended Linear Modules Without Endcaps - Side View

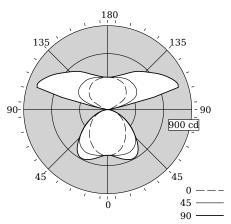


Suspended 2'x2' Corners Without Endcaps – Top View

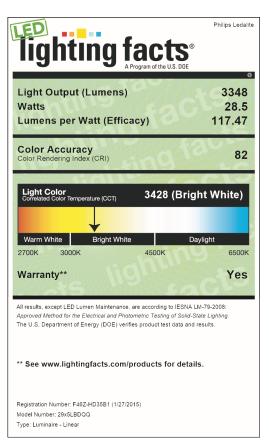


3500 lm/4ft, Indirect/Direct 3000/3500/4000K

Photometry - 3500K



55% Up / 45% Down



Candela Distribution

Vertical		Zonal				
Angle	0	22.5	45	67.5	90	Lumens
0	489	489	489	489	489	0
5	488	487	492	495	495	47
15	460	472	504	534	543	143
25	405	436	514	569	589	233
35	337	386	492	554	562	293
45	266	317	419	439	429	293
55	200	235	295	294	285	239
65	133	147	173	172	164	159
75	64	68	76	77	74	78
85	13	13	15	16	16	18
90	0	0	0	0	0	0
95	8	12	12	13	14	14
105	35	45	150	465	510	217
115	94	134	331	605	767	371
125	230	261	377	570	668	369
135	280	302	387	513	572	315
145	315	331	388	460	496	249
155	335	343	375	405	418	174
165	344	346	359	369	373	102
175	347	347	349	349	349	33
180	347	347	347	347	347	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		106	106	106	106	97	97	97	80	80	80	45
1		97	93	89	85	89	85	82	71	69	66	38
2		88	81	75	70	81	74	69	62	58	55	32
3		80	71	64	58	73	66	59	55	50	46	27
4		74	63	55	49	67	58	51	49	44	39	23
5		67	56	48	42	62	52	45	43	38	34	20
6		62	50	42	36	57	46	39	39	34	30	18
7		57	45	37	32	52	42	35	35	30	26	16
8		53	41	33	28	49	38	31	32	27	23	14
9		49	37	30	25	45	35	28	29	24	20	12
10		46	34	27	22	42	32	25	27	22	18	11

Avg. Luminance (cd/m2)

Vertical	H	orizontal An	gle
Angle	0	45	90
55	3746	5534	5344
65	3381	4387	4181
75	2655	3161	3076
85	1627	1877	2002

Distribution

Hemisphere	55% Up / 45% Down		
Glare Control	Meets RP-1-12 recommendations for VDT-Critical spaces		
Spacing Along (0 °)	1.14		
Spacing Across (90 °)	1.62		

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

Optical Performance

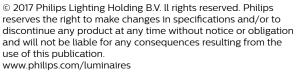
Nominal CCT:	3000K	3500K	4000K
Flux (lm)	3298	3348	3364
Efficacy (lm/W)	115.7	117.5	117.6
Power (W)	28.5	28.5	28.6
CCT (K)	3096	3428	4070
CRI	81	82	83
R9	4	7	13
x	0.4331	0.4122	0.3783
у	0.4077	0.3999	0.3783
Duv	0.0020	0.0030	0.0010

Electrical Performance - 3500K

Input Voltage	120V	277V	347V	
Input Power	28.5W	28.1W	25.0VV	
Input Current	0.24A	0.11A	0.08A	
Power Factor	0.995	0.944	0.943	
Total Harm. Distortion	7.8%	15.2%	12.0%	

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

With SpaceWise DT, standby power <0.5W (120V) or <0.8W (277V).





use of this publication.

www.philips.com/luminaires