PHILIPS
LEDALITE

Linear

FloatPlane Wall

3100 lm/4ft w/ 75% Down Kit*
3000/3500/4000K

LED

With FloatPlane LED, it's easier than ever to integrate sleek and sporty style into your layout and within budget. Fresh and playful, with Curve and Edge profile options, FloatPlane's performance rivals that of high-end LED luminaires with the affordability of fluorescent. Available tunable white technology gives you the ability to vary color temperature and intensity, harmonizing lighting with your daily life.
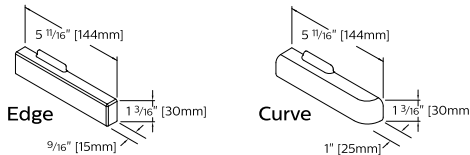
Ordering guide

Product Type	Version	Source	Color Temp *	Lumens *	Lower Optics	Upper Optics	Run Length	Wiring †	Voltage	Driver	Finish
24		**L**		**E**	**A**	**G**					
24 FloatPlane	**G8** Edge Wall	**L** LED	**A** 4000K	**C** 4200 lm/4ft	**A** Acrylic diffuser	**A** Acrylic diffuser	**04** 4'	**7** 1cct Dimming	**1** 120V	**E** Philips Advance 0-10V (1% dim)	**W** Standard White
	R8 Curve Wall		**B** 3500K	**E** 3100 lm/4ft		**G** 75% Down Kit	**06** 6'	**E** 2 cct A/B Dimming	**2** 277V		**T** Titanium Silver
			C 3000K	**G** 2200 lm/4ft		**J** 100% Down Kit	**08** 8'	**M** 1cct Dimming + EM Wiring	**3** 347V		**B** Black
							Total run length (2' increments)	**N** 1cct Dimming + EM Batt. Pack			**C** Custom

* Nominal values within a range. Down kits and dust covers reduce output & efficacy. 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

Endcaps - [   ]

Edge
5 11/16" [144mm]
1 3/16" [30mm]
9/16" [15mm]

Curve
5 11/16" [144mm]
1 3/16" [30mm]
1" [25mm]

5 YEAR SYSTEM WARRANTY FIXTURE + LED + DRIVER

FloatPlane Wall

3100 lm/4ft w/ 75% Down Kit*
3000/3500/4000K

Optical System

White light emitted from dual linear arrays of lateral-facing LEDs is diffused and redirected into the upper and lower hemispheres with a combination of high reflectivity elements and acrylic diffusers. This delivers a highly efficient 70% up / 30% down indirect/direct distribution with a wide, homogeneous batwing distribution in the upper hemisphere. Twin polymer diffusers on the lower surface combine for an optical aperture of 5-1/2" to deliver a uniform, controlled brightness, maximizing visual comfort and luminaire efficacy. Factory or field installable variable optics kits are available to modify the distribution to 75% down or close to 100% down light. Field installable dust covers available on suspended versions.

Endcaps

Diecast aluminum endcaps in either Edge or Curve versions to match housing.

Finish

High quality powder coated, available in matte white, black or titanium silver. Other custom colors, including Pacific Aqua and Surf Yellow, available on request. White sensors only.

Housing

Precision formed 18 gauge cold-rolled steel. Approx. cross section size: 1.5"h x 8"w (suspended) or 5.7"w (wall mount).

Weight

Maximum: Suspended 3.5lb/ft, Wall 3.3lb/ft

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 1400lm.

Lumen Maintenance

LEDs have been tested by the manufacturer in accordance with IESNA LM-80-08. At an ambient temperature of 25℃, the LED lumen maintenance expectation according to IES TM-21-11 is:
L_{80} (12k) 70,000 hrs suspended / 64,000 hrs wall. (**Reported** methodology)
L_{70} (12k) 108,000 hrs suspended / 98,000 hrs wall. (**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: Rapid installation sling mount at joints and ends. High strength aircraft cable and stainless steel 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.

Joints

Self-aligning, gasketed joining system. Access panels in the driver channel allow quick and hassle-free wiring of modules either before or after mechanical joints are completed.

Approvals

Certified to UL, CSA and IES standards. Certain suspended versions (24x5L) are DesignLights Consortium® qualified. Please see the DLC QPL list for exact catalog numbers (www.designlights.org/QPL).
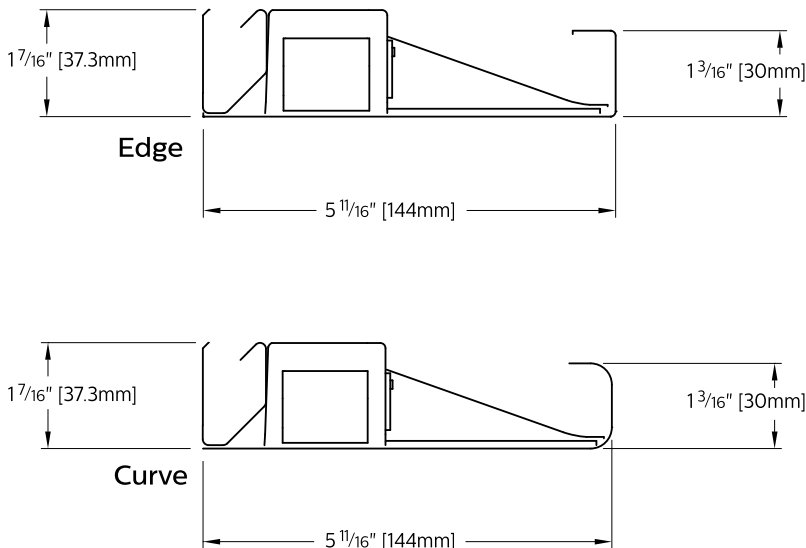
Warranty

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℃ (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.
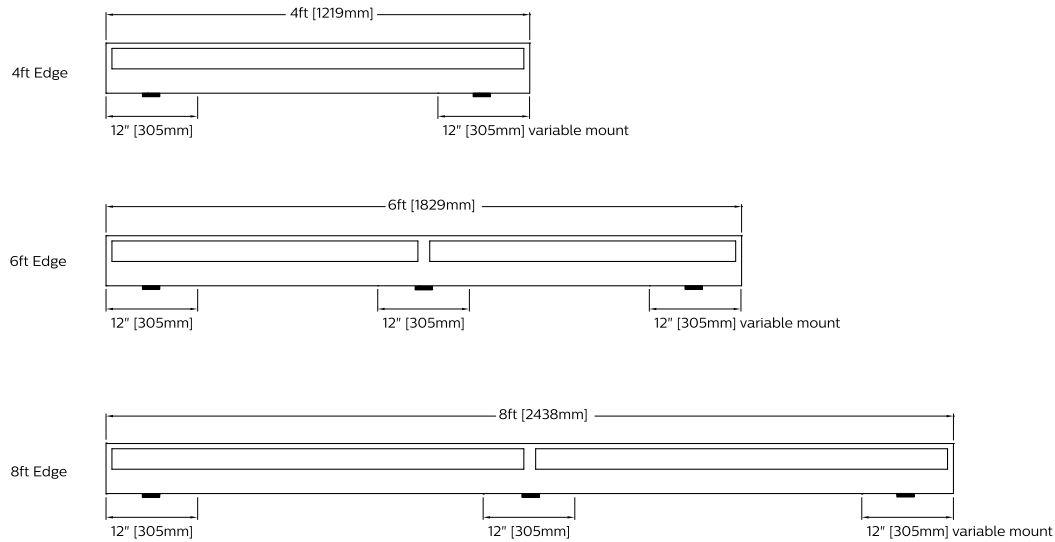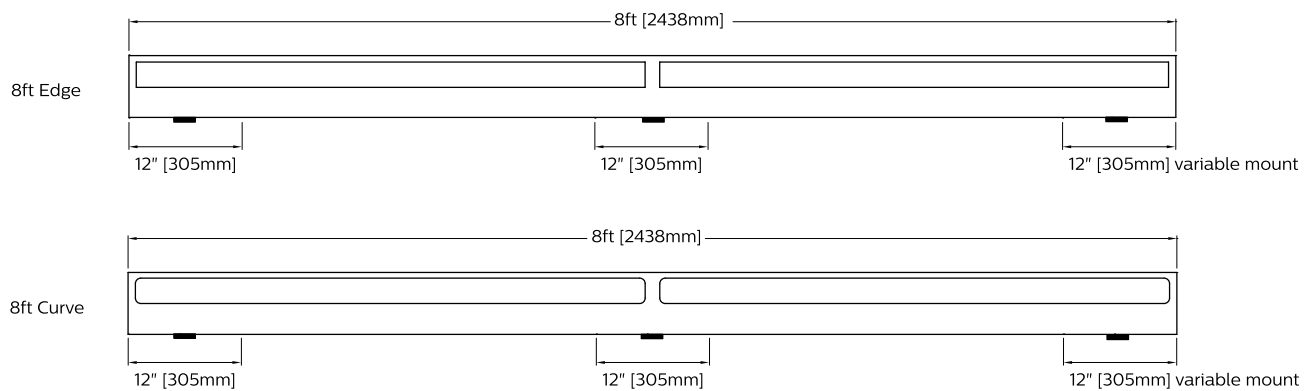
Dimensions - Cross Section

1 7/16" [37.3mm]   1 3/16" [30mm]

Edge

5 11/16" [144mm]

1 7/16" [37.3mm]   1 3/16" [30mm]

Curve

5 11/16" [144mm]

FloatPlane Wall
3100 lm/4ft w/ 75% Down Kit*
3000/3500/4000K

Dimensions – Modules

4ft Edge

4ft [1219mm]

12" [305mm] 12" [305mm] variable mount

6ft Edge

6ft [1829mm]

12" [305mm] 12" [305mm] 12" [305mm] variable mount

8ft Edge

8ft [2438mm]

12" [305mm] 12" [305mm] 12" [305mm] variable mount

Optics and Styles

8ft Edge

8ft [2438mm]

12" [305mm] 12" [305mm] 12" [305mm] variable mount

8ft Curve

8ft [2438mm]

12" [305mm] 12" [305mm] 12" [305mm] variable mount

FloatPlane Wall
3100 lm/4ft w/ 75% Down Kit*
3000/3500/4000K

Photometry – 3500K

180
135 / 135
90- / 90
45 / 45
0

700 cd

90-90 — – –
45-135 ——
0-180 ——

25% Up / 75% Down
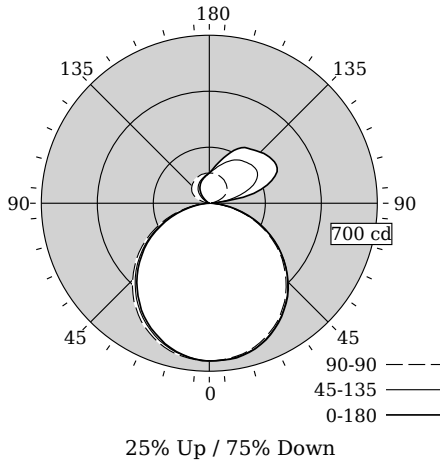
Candela Distribution

Vertical Angle	Horizontal Angle 0	45	90	135	180	Zonal Lumens
0	657	657	657	657	657	0
5	656	657	654	651	653	62
15	643	640	636	628	624	179
25	604	601	594	582	575	272
35	542	541	533	517	506	330
45	464	461	452	436	425	345
55	366	366	358	340	331	315
65	257	257	247	232	222	241
75	141	141	131	119	113	137
85	41	39	29	27	24	37
90	10	7	0	0	0	0
95	27	29	7	1	1	19
105	224	133	32	4	4	73
115	312	212	67	7	7	109
125	319	240	89	34	13	118
135	301	233	102	62	41	110
145	280	219	112	81	67	92
155	243	193	119	96	88	66
165	185	162	124	108	103	38
175	140	136	126	119	117	12
180	126	126	126	126	126	0

Photometry based on 4ft white luminaire. Dust covers and non-white finishes reduce delivered lumens. Custom color finishes may shift output color temperature.

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 (%)

RCR	Ceiling: 80 Wall: 70	50	30	10	70 70	50	30	50 50	30	10	0 0
0	113	113	113	113	108	108	108	97	97	97	75
1	103	98	94	91	98	94	90	85	82	80	63
2	94	86	79	74	89	82	76	74	69	65	52
3	85	75	67	61	81	72	65	65	59	55	44
4	78	66	58	51	74	63	56	58	51	46	37
5	72	59	50	44	68	57	49	52	45	40	32
6	66	53	44	38	62	51	43	47	40	35	28
7	61	48	39	34	58	46	38	42	36	31	25
8	57	44	35	30	54	42	34	39	32	27	22
9	53	40	32	27	50	38	31	35	29	24	20
10	49	37	29	24	47	35	28	33	26	22	18

Avg. Luminance (cd/m2)

Vertical Angle	Horizontal Angle 0	90	180
55	9419	9203	8520
65	8978	8636	7758
75	8047	7489	6453
85	6861	4968	4022

Distribution

Hemisphere	25% Up / 75% Down
Glare Control	Meets RP-1-12 recommendations for VDT-Normal spaces
Spacing Along (0 °)	1.3
Spacing Across (90 °)	1.28
Spacing at 180 °	1.23

FloatPlane Wall
3100 lm/4ft w/ 75% Down Kit*
3000/3500/4000K

Optical Performance

Nominal CCT:	3000K	3500K	4000K
Flux (lm)	2503	2556	2579
Efficacy (lm/W)	97.4	98.3	99.2
Power (W)	25.7	26.0	26.0
CCT (K)	3102	3427	4054
CRI	81	82	83
R9	3	6	12
x	0.4324	0.4123	0.3791
y	0.4070	0.4001	0.3791
Duv	0.0020	0.0030	0.0010

Electrical Performance – 3500K

Input Voltage	120V	277V	347V
Input Power	26.0W	25.8W	22.5W
Input Current	0.22A	0.10A	0.07A
Power Factor	0.998	0.959	0.932
Total Harm. Distortion	7.2%	14.0%	14.0%

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