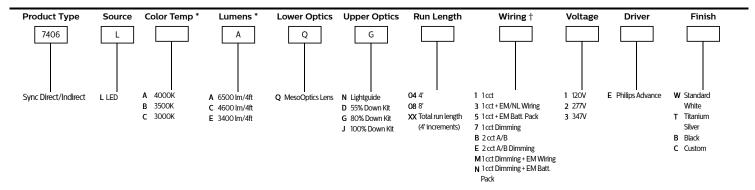


With its slim, uncluttered design, Sync is the epitome of compact style. Sync offers true direct/indirect lighting distribution and luminous aesthetics with exceptional glare control.

Ordering guide



^{*} Nominal values within a range. Down kits reduce output & efficacy. Consult photometry data for exact color temp, lumens & distribution.

Mount Type Consult separate mounting spec sheet for mount type options Suspension Length Distance from ceiling to top of luminaire in inches Integrated Controls Please indicate with check mark. Response Daylight Single Zone (DS)



(standard)

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

6500 lm/4ft w/ 80% Down Kit* 3000/3500/4000K

Optical System

The optical system contains arrays of LEDs edge-lighting a low profile light-guide panel, using total internal reflection to homogenize the sources. The microstructured surface of the panel optimizes light extraction to create an efficacious direct/indirect distribution. Light is purified and controlled by MesoOptics film as it passes through a non-glare acrylic lens. Standard distribution is 75% up / 25% down for suspended and 65% up / 35% down for wall mount version.

Endcaps

Diecast aluminum endcaps, available in flat (standard) or sculpted (optional).

Finish

Standard finish is a textured matte powder coat in white, black or titanium silver.

Housing

Precision formed 18 gauge cold-rolled steel.

Weight

Maximum: Suspended 3.75lb/ft & Wall 3.0lb/ft.

Electrical

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

Standard Driver

Philips Advance Xitanium 0-10V, 1-100% (347V: 5-100%), Class 2 rated output.

Standard Battery Pack

Philips Bodine, 90 min, 10W, Class 2 rated output, 1000lm nominal (@ 100lm/W; Flux = W x lm/W).

Lumen Maintenance

LEDs have been tested by the manufacturer in accordance with IESNA LM-80-08. At an ambient temperature of 25°C, the LED lumen maintenance expectation according to IES TM-21-11 Reported methodology is:

Suspended: L₈₀ (12k) >72,000 hrs.

Source Color

LEDs rated for color rendering CRI >80, R9 >0 and color accuracy within 2 SDCM.

Controls

Suspended version available with integrated Response Daylight sensor.

Mounting

Suspended: Tamper-resistant aircraft cable gripper provides unlimited vertical adjustment. Aircraft cable, crimp and cable gripper are independently tested to meet stringent safety requirements.

Wall: Fixture is mounted flush to wall using hidden wall brackets which attach to existing structure, variable within 2"-5" of end or joint.

Joints

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

Approvals

Certified to UL, CSA and IES standards.
Certain suspended versions without down kits are
DesignLights Consortium® qualified. Please see the DLC
QPL list for exact catalog numbers
(www.designlights.org/QPL).

Warranty

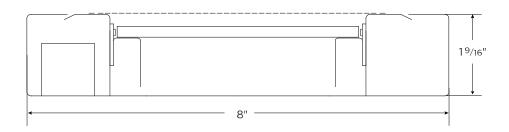
Philips indoor professional luminaires 5 year LED warranty: www.philips.com/warranties.

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 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



6500 lm/4ft w/ 80% Down Kit* 3000/3500/4000K

Dimensions - Modules

Modules

Module length excludes end caps. Nominal mounting spacing for individually mounted modules.

4 ft. 8' (2438.8mm)

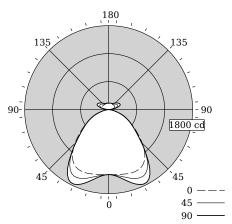
Note: Refer to installation instructions for exact mount.

Optics and Styles

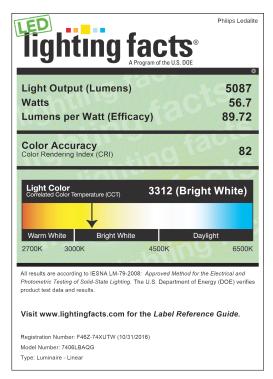
Lens view Suspended (without endcaps) B' 3/8" Upper optics G 80% Down Kit J 100% Down Kit

6500 lm/4ft w/ 80% Down Kit* 3000/3500/4000K

Photometry - 3500K



18% Up / 82% Down



Candela Distribution

Angle 0 22.5 45 67.5 90 Lum 0 1393 1393 1393 1393 1393 139 5 1397 1399 1407 1415 1417 13 15 1426 1442 1507 1569 1588 42 25 1440 1476 1608 1720 1762 73 35 1336 1361 1454 1515 1535 89 45 1020 1006 996 990 988 77 55 663 647 633 633 637 57 55 663 647 633 633 637 57 55 663 387 389 399 404 38	ıal
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63 373 367 367 377 404 ; 36	9
75 160 162 164 168 172 18	0
85 28 32 34 36 36 41	
90 0 0 0 0 0	
95 20 22 26 28 28 38	3
105 107 122 160 185 197 16	0
115 144 164 209 260 270 20	6
125 150 164 203 243 245 18	0
135 142 150 168 199 203 13	
145 138 142 150 160 162 95	,
155 138 142 146 146 146 67	,
165 138 140 142 144 144 40)
175 136 136 136 138 138 13	
180 136 136 136 136 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		115	115	115	115	110	110	110	101	101	101	82
1		106	101	98	94	101	97	94	90	87	85	70
2		97	89	83	78	93	86	80	80	75	71	60
3		89	79	72	66	85	76	69	71	65	61	51
4		81	70	62	56	78	68	61	63	57	52	44
5		75	63	55	49	72	61	53	57	50	45	39
6		69	57	49	43	66	55	47	51	45	40	34
7		64	52	43	38	62	50	42	47	40	35	30
8		60	47	39	34	57	46	38	43	36	32	27
9		56	43	35	30	54	42	35	39	33	29	24
10		52	40	32	27	50	39	32	36	30	26	22

Avg. Luminance (cd/m2)

Vertical	Horizontal Angle				
Angle	0	45	90		
55	11215	10714	10781		
65	9014	8924	9286		
75	5991	6139	6435		
85	3075	3734	3954		

Distribution

Hemisphere	18% Up / 82% Down
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6500 lm/4ft w/ 80% Down Kit* 3000/3500/4000K

Optical Performance

Nominal CCT:	3000K	3500K	4000K
Flux (lm)	4871	5087	5232
Efficacy (lm/W)	85.6	89.7	92.6
Power (W)	56.9	56.7	56.5
CCT (K)	3045	3312	3931
CRI	84	82	83
x	0.4338	0.4167	0.3849
у	0.4031	0.3968	0.3837
Duv	0.0000	0.0000	0.0020

Electrical Performance - 3500K

Input Voltage	120V	277V
Input Power	56.7W	56.2W
Input Current	0.47A	0.21A
Power Factor	0.995	0.987
Total Harm. Distortion	9.4%	10.2%

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



Philips Lighting, North America Corporation

Tel. 855-486-2216

200 Franklin Square Drive, Somerset, NJ 08873