

SLIM Field-Adjustable, Wall Pack w/Adjustable Throw **RAB**

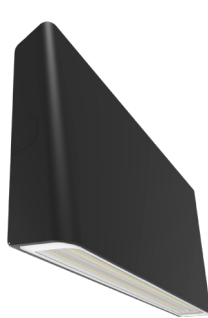
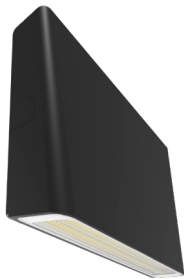
SLIMXS / SLIMXXS

SLIMS



SLIMM

SLIML



Field-Adjustable Wall Pack, with Adjustable Forward Throw



TECHNICAL SPECIFICATIONS

COMPLIANCE

UL Listed

This product is UL listed for wet locations

DLC Listed

This product is listed by Design Lights Consortium (DLC) as an ultra-efficient premium product that qualifies for the highest tier of rebates from DLC Member Utilities. Designed to meet DLC 5.1 requirements.

PRODUCT ID:

SLIMXS: S-84SQ6T

SLIMS: S-Y9470L

SLIMM: S-DRSRKR

SLIML: S-Y7PFBZ

This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities. Designed to meet DLC 5.1 requirements.

PRODUCT ID:

SLIMXXS: S-37D7SM

LUNA

This product has received DLC's LUNA Qualification for 3000K models.

Dark Sky Approved

Conforms to the requirements listed by the International Dark-Sky Association for "Dark Sky" approval. The Fixture Seal of Approval provides objective, third-party certification for luminaires that minimize glare, reduce light trespass, and don't pollute the night sky.

PROJECT:

DATE:

TYPE:

PREPARED BY:



* 3000K models only



KEY FEATURES

- Available with adjustable wattages:
 - XXS: 7/5/3.5W - Factory default 5W
 - XS: 25/18/12W - Factory default 18W
 - S: 38/28/18W - Factory default 28W
 - M: 55/41/27W - Factory default 41W
 - L: 60/45/29W - Factory default 45W
- Field-adjustable CCT: **3000K/4000K/5000K** - Factory default **4000K**
Static CCT models available: 3000K
- Adjustable **forward throw**: -20°/-10°/0°/10°/20° - factory default 0°
- Integrated **on/off** photocell
- 0-10V** dimming
- UL rated for **wet** locations
- IP65** rated
- 5-year**, no-compromise warranty

CONSTRUCTION

IP Rating

Ingress protection rating of IP65 for dust and water

Cold Weather Starting

Minimum starting temperature is -40°C (-40°F)

Maximum Ambient Temperature

Suitable for use in up to 40°C (40°F)

Housing

Die-cast aluminum

Mounting

Heavy-duty mounting bracket with spring-hinged housing and "kick stand" allow for easy installations. Conduit entries on back and both sides.

Lens

Tempered glass

Gasket

Silicone

Photocell

Integrated photocell included with on/off switch

Green Technology

Mercury and UV free. RoHS-compliant components.

Finish

Bronze & White: Formulated for high durability and long-lasting color
Brass: Brushed and electroplated finish that will naturally patina over time

SLIM Field-Adjustable, Wall Pack w/Adjustable Throw **RAB**

TECHNICAL SPECIFICATIONS

ELECTRICAL

Drivers:

Constant Current, 120-277V, 50/60 Hz

SLIMXXS (7W) : 120V: 0.047A, 208V: 0.037A, 240V: 0.032A, 277V: 0.028A
SLIMXXS (5W) : 120V: 0.034A, 208V: 0.029A, 240V: 0.025A, 277V: 0.022A
SLIMXXS (3.5W) : 120V: 0.023A, 208V: 0.024A, 240V: 0.021A, 277V: 0.018A

SLIMXS (25W) : 120V: 0.20A, 208V: 0.13A, 240V: 0.11A, 277V: 0.10A
SLIMXS (18W) : 120V: 0.14A, 208V: 0.10A, 240V: 0.09A, 277V: 0.08A
SLIMXS (12W) : 120V: 0.09A, 208V: 0.08A, 240V: 0.07A, 277V: 0.06A

SLIMS (38W) : 120V: 0.31A, 208V: 0.19A, 240V: 0.16A, 277V: 0.14A
SLIMS (28W) : 120V: 0.23A, 208V: 0.15A, 240V: 0.13A, 277V: 0.11A
SLIMS (18W) : 120V: 0.15A, 208V: 0.10A, 240V: 0.09A, 277V: 0.08A

SLIMM (55W) : 120V: 0.46A, 208V: 0.28A, 240V: 0.24A, 277V: 0.21A
SLIMM (41W) : 120V: 0.35A, 208V: 0.21A, 240V: 0.19A, 277V: 0.16A
SLIMM (27W) : 120V: 0.23A, 208V: 0.15A, 240V: 0.14A, 277V: 0.12A

SLIML(60W) : 120V: 0.50A, 208V: 0.30A, 240V: 0.26A, 277V: 0.22A
SLIML(45W) : 120V: 0.37A, 208V: 0.23A, 240V: 0.20A, 277V: 0.17A
SLIML(29W) : 120V: 0.24A, 208V: 0.16A, 240V: 0.14A, 277V: 0.12A

Dimming Driver:

Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims down to 10% and off.

THD/Power factor at default values:

Model#	THD	Power Factor	THD	Power Factor
	@120V		@277V	
SLIMXXS	24.0%	82.0%	16.8%	98.0%
SLIMXS	12.4%	85.1%	15.1%	98.6%
SLIMS	9.1%	91.7%	3.1%	99.6%
SLIMM	7.2%	92.1%	2.5%	99.6%
SLIML	7.0%	92.8%	3.3%	99.6%

Surge Protection

2kV, 4kV

Note

All values are typical (tolerance +/- 10%)

LED CHARACTERISTICS

LEDs

Long-life, high-efficacy, surface-mount LEDs

FIELD ADJUSTABLE

Adjustable Wattage:

XXS: 7/5/3.5W - Factory default 5W
XS: 25/18/12W - Factory default 18W
S: 38/28/18W - Factory default 28W
M: 55/41/27W - Factory default 41W
L: 60/45/29W - Factory default 45W

Adjustable color temperature: 3000/4000/5000K - Factory default 4000K

Static color temperature: 3000K

Adjustable forward throw angle: -20°/-10°/0°/10°/20° - factory default 0°

LIGHTCLOUD (CONTINUED)

Lightcloud Controller Installed:

- Integrated/embedded networked lighting control
- Fixture, Zone, and plug-load control from one powerful device
- Mesh network communication protocols
- Offers the capability to set the maximum light output to a less-than-maximum state of an individual luminaire at the time of installation or commissioning. The High-End Trim functionality is field reconfigurable via the Lightcloud mesh network communication protocols.
- The Lightcloud Controller can be attached to the fixture, junction box, or electrical panel
- DLC system - N1XMLOEATBA
- Communication Protocol: Zigbee
- Line of Sight: 1,000 feet
- Obstructions: 100 feet
- Normal building materials: 100 feet

Lightcloud Blue Installed

- Integrated/embedded networked lighting control
- Luminaire-level lighting control (LLLC) - Capable of switching, 0-10V dimming, power/energy monitoring
- LLLC - Can also be used to extend the range of Lightcloud Blue network
- Fixture, Zone, and plug-load control from one powerful device
- Utilizes a "BLE Mesh" network communication protocol.
- Offers the capability to set the maximum light output to a less-than-maximum state of an individual luminaire at the time of installation or commissioning. The High-End Trim functionality is field reconfigurable via the Lightcloud "BLE Mesh" network communication protocols.
- The Lightcloud Blue Controller is designed to be attached to the fixture directly.

OTHER

Warranty

RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.

Lifespan

100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations

SLIM Field-Adjustable, Wall Pack w/Adjustable Throw **RAB**

PERFORMANCE

SLIM High Output, Field-Adjustable

SLIMXXS	3000K					3000K					3000K				
Optics	-20°	-10°	0°	10°	20°	-20°	-10°	0°	10°	20°	-20°	-10°	0°	10°	20°
Wattage	7W					5W					3.5W				
Input Watts	6.7W	6.7W	6.7W	6.7W	6.7W	5W	5W	5W	5W	5W	3.6W	3.6W	3.6W	3.6W	3.6W
Lumens	819	824	810	783	754	553	556	546	529	511	329	329	324	309	301
Efficacy	122.2	123.0	120.9	116.9	112.5	110.6	111.2	109.2	105.8	102.2	91.4	91.4	90.0	85.8	83.6
CRI	81	81	81	80	80	81	81	81	80	80	81	81	81	81	80
Voltage Ratings	120-277V														

SLIMXS	3000K					3000K					3000K				
Optics	-20°	-10°	0°	10°	20°	-20°	-10°	0°	10°	20°	-20°	-10°	0°	10°	20°
Wattage	25W					18W					12W				
Input Watts	25.3W	25.3W	25.3W	25.3W	25.3W	18W	18W	18W	18W	18W	11.9W	11.9W	11.9W	11.9W	11.9W
Lumens	3,222	3,247	3,194	3,084	2,979	2,332	2,345	2,305	2,227	2,148	1,503	1,513	1,487	1,436	1,382
Efficacy	127.4	128.3	126.2	121.9	117.7	129.6	130.3	128.1	123.7	119.3	126.3	127.1	125.0	120.7	116.1
CRI	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80
Voltage Ratings	120-277V														

SLIMS	3000K					3000K					3000K				
Optics	-20°	-10°	0°	10°	20°	-20°	-10°	0°	10°	20°	-20°	-10°	0°	10°	20°
Wattage	38W					28W					18W				
Input Watts	37.5W	37.5W	37.5W	37.5W	37.5W	28.1W	28.1W	28.1W	28.1W	28.1W	18.4W	18.4W	18.4W	18.4W	18.4W
Lumens	4,800	4,837	4,732	4,627	4,470	3,787	3,827	3,737	3,660	3,514	2,564	2,580	2,526	2,471	2,375
Efficacy	128.0	129.0	126.2	123.4	119.2	134.8	136.2	133.0	130.2	125.1	139.3	140.2	137.3	134.3	129.1
CRI	82	82	82	82	82	82	82	82	82	82	81	81	81	81	81
Voltage Ratings	120-277V														

SLIMM	3000K					3000K					3000K				
Optics	-20°	-10°	0°	10°	20°	-20°	-10°	0°	10°	20°	-20°	-10°	0°	10°	20°
Wattage	55W					41W					27W				
Input Watts	55W	55W	55W	55W	55W	41.3W	41.3W	41.3W	41.3W	41.3W	27.2W	27.2W	27.2W	27.2W	27.2W
Lumens	7,206	7,326	7,233	7,037	6,801	5,699	5,802	5,713	5,596	5,354	3,933	3,988	3,947	3,859	3,706
Efficacy	131.0	133.2	131.5	127.9	123.7	138.0	140.5	138.3	135.5	129.6	144.6	146.6	145.1	141.9	136.3
CRI	82	82	82	82	82	82	82	82	82	81	82	82	82	82	82
Voltage Ratings	120-277V														

SLIML	3000K					3000K					3000K				
Optics	-20°	-10°	0°	10°	20°	-20°	-10°	0°	10°	20°	-20°	-10°	0°	10°	20°
Wattage	60W					45W					29W				
Input Watts	59.5W	59.5W	59.5W	59.5W	59.5W	44.6W	44.6W	44.6W	44.6W	44.6W	29W	29W	29W	29W	29W
Lumens	8,025	8,087	7,929	7,646	7,310	6,358	6,428	6,264	6,093	5,796	4,369	4,395	4,309	4,171	3,966
Efficacy	134.9	135.9	133.3	128.5	122.9	142.6	144.1	140.4	136.6	130.0	150.7	151.6	148.6	143.8	136.8
CRI	82	82	82	82	82	82	81	82	82	82	81	82	82	82	82
Voltage Ratings	120-277V														

SLIM Field-Adjustable, Wall Pack w/Adjustable Throw **RAB®**

PERFORMANCE

SLIM High Output, Field-Adjustable

SLIMXXS	4000K					4000K					4000K				
Optics	-20°	-10°	0°	10°	20°	-20°	-10°	0°	10°	20°	-20°	-10°	0°	10°	20°
Wattage	7W					5W					3.5W				
Input Watts	6.6W	6.6W	6.6W	6.6W	6.6W	4.9W	4.9W	4.9W	4.9W	4.9W	3.5W	3.5W	3.5W	3.5W	3.5W
Lumens	832	837	823	795	767	562	565	555	537	520	334	334	329	314	306
Efficacy	126.1	126.8	124.7	120.5	116.2	114.7	115.3	113.3	109.6	106.1	95.4	95.4	94.0	89.7	87.4
CRI	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83
Voltage Ratings	120-277V														

SLIMXS	4000K					4000K					4000K				
Optics	-20°	-10°	0°	10°	20°	-20°	-10°	0°	10°	20°	-20°	-10°	0°	10°	20°
Wattage	25W					18W					12W				
Input Watts	24.4W	24.4W	24.4W	24.4W	24.4W	17.4W	17.4W	17.4W	17.4W	17.4W	11.5W	11.5W	11.5W	11.5W	11.5W
Lumens	3,416	3,444	3,385	3,267	3,166	2,472	2,487	2,443	2,359	2,283	1,593	1,605	1,576	1,521	1,469
Efficacy	140.0	141.1	138.7	133.9	129.8	142.1	142.9	140.4	135.6	131.2	138.5	139.6	137.0	132.3	127.7
CRI	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83
Voltage Ratings	120-277V														

SLIMS	4000K					4000					4000K				
Optics	-20°	-10°	0°	10°	20°	-20°	-10°	0°	10°	20°	-20°	-10°	0°	10°	20°
Wattage	38W					28W					18W				
Input Watts	36W	36W	36W	36W	36W	27W	27W	27W	27W	27W	17.7W	17.7W	17.7W	17.7W	17.7W
Lumens	5,206	5,247	5,131	5,012	4,833	4,107	4,151	4,052	3,965	3,799	2,781	2,799	2,739	2,677	2,568
Efficacy	144.6	145.8	142.5	139.2	134.3	152.1	153.7	150.1	146.9	140.7	157.1	158.1	154.7	151.2	145.1
CRI	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83
Voltage Ratings	120-277V														

SLIMM	4000K					4000K					4000K				
Optics	-20°	-10°	0°	10°	20°	-20°	-10°	0°	10°	20°	-20°	-10°	0°	10°	20°
Wattage	55W					41W					27W				
Input Watts	52.8W	52.8W	52.8W	52.8W	52.8W	39.6W	39.6W	39.6W	39.6W	39.6W	26.1W	26.1W	26W	26W	26W
Lumens	7,697	7,816	7,729	7,530	7,256	6,087	6,190	6,105	5,988	5,712	4,201	4,255	4,218	4,129	3,954
Efficacy	145.8	148.0	146.4	142.6	137.4	153.7	156.3	154.2	151.2	144.2	161.0	163.0	162.2	158.8	152.1
CRI	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83
Voltage Ratings	120-277V														

SLIML	4000K					4000K					4000K				
Optics	-20°	-10°	0°	10°	20°	-20°	-10°	0°	10°	20°	-20°	-10°	0°	10°	20°
Wattage	60W					45W					29W				
Input Watts	57.2W	57.2W	57.2W	57.2W	57.2W	42.9W	42.9W	42.9W	42.9W	42.9W	27.9W	27.9W	27.9W	27.9W	27.9W
Lumens	8,651	8,697	8,527	8,238	7,864	5,898	5,977	5,825	5,655	5,388	4,053	4,087	4,007	3,873	3,687
Efficacy	151.2	152.0	149.1	144.0	137.5	137.5	139.3	135.8	131.8	125.6	145.3	146.5	143.6	138.7	132.2
CRI	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83
Voltage Ratings	120-277V														

SLIM Field-Adjustable, Wall Pack w/Adjustable Throw **RAB**

PERFORMANCE

SLIM High Output, Field-Adjustable

SLIMXXS	5000K					5000K					5000K				
	-20°	-10°	0°	10°	20°	-20°	-10°	0°	10°	20°	-20°	-10°	0°	10°	20°
Optics															
Wattage	7W					5W					3.5W				
Input Watts	6.7W	6.7W	6.7W	6.7W	6.7W	5W	5W	5W	5W	5W	3.6W	3.6W	3.6W	3.6W	3.6W
Lumens	867	873	858	829	800	585	589	578	560	542	348	349	343	327	319
Efficacy	129.4	130.3	128.1	123.7	119.4	117.0	117.8	115.6	112.0	108.4	96.7	96.9	95.3	90.8	88.6
CRI	82	82	82	82	81	82	82	82	82	81	82	82	82	82	81
Voltage Ratings	120-277V														

SLIMXS	5000K					5000K					5000K				
	-20°	-10°	0°	10°	20°	-20°	-10°	0°	10°	20°	-20°	-10°	0°	10°	20°
Optics															
Wattage	25W					18W					12W				
Input Watts	25.3W	25.3W	25.3W	25.3W	25.3W	18W	18W	18W	18W	18W	11.9W	11.9W	11.9W	11.9W	11.9W
Lumens	3,408	3,435	3,375	3,256	3,155	2,466	2,481	2,436	2,351	2,275	1,589	1,601	1,571	1,516	1,464
Efficacy	134.7	135.8	133.4	128.7	124.7	137.0	137.8	135.3	130.6	126.4	133.5	134.5	132.0	127.4	123.0
CRI	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82
Voltage Ratings	120-277V														

SLIMS	5000K					5000					5000K				
	-20°	-10°	0°	10°	20°	-20°	-10°	0°	10°	20°	-20°	-10°	0°	10°	20°
Optics															
Wattage	38W					28W					18W				
Input Watts	37.5W	37.5W	37.5W	37.5W	37.5W	28.1W	28.1W	28.1W	28.1W	28.1W	18.4W	18.4W	18.4W	18.4W	18.4W
Lumens	5,071	5,111	4,997	4,875	4,707	4,001	4,044	3,946	3,856	3,700	2,709	2,726	2,667	2,603	2,501
Efficacy	135.2	136.3	133.3	130.0	125.5	142.4	143.9	140.4	137.2	131.7	147.2	148.2	144.9	141.5	135.9
CRI	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80
Voltage Ratings	120-277V														

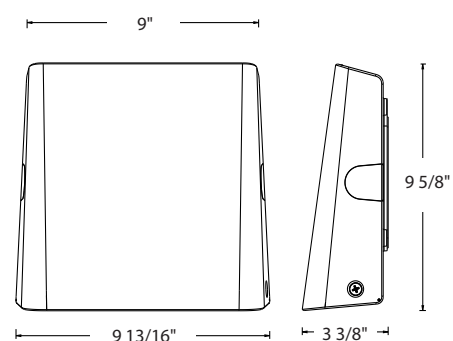
SLIMM	5000K					5000K					5000K				
	-20°	-10°	0°	10°	20°	-20°	-10°	0°	10°	20°	-20°	-10°	0°	10°	20°
Optics															
Wattage	55W					41W					27W				
Input Watts	54.9W	54.9W	54.9W	54.9W	54.9W	41.2W	41.2W	41.2W	41.2W	41.2W	27.5W	27.5W	27.4W	27.4W	27.4W
Lumens	7,532	7,663	7,571	7,374	7,108	5,957	6,069	5,980	5,864	5,596	4,111	4,171	4,131	4,044	3,873
Efficacy	137.2	139.6	137.9	134.3	129.5	144.6	147.3	145.1	142.3	135.8	149.5	151.7	150.8	147.6	141.4
CRI	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80
Voltage Ratings	120-277V														

SLIML	5000K					5000K					5000K				
	-20°	-10°	0°	10°	20°	-20°	-10°	0°	10°	20°	-20°	-10°	0°	10°	20°
Optics															
Wattage	60W					45W					29W				
Input Watts	59.4W	59.4W	59.4W	59.4W	59.4W	44.5W	44.5W	44.5W	44.5W	44.5W	29W	29W	29W	29W	29W
Lumens	8,500	8,557	8,376	8,088	7,727	6,734	6,802	6,617	6,445	6,127	4,628	4,650	4,552	4,412	4,192
Efficacy	143.1	144.1	141.0	136.2	130.1	151.3	152.9	148.7	144.8	137.7	159.6	160.3	157.0	152.1	144.6
CRI	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80
Voltage Ratings	120-277V														

RAB®

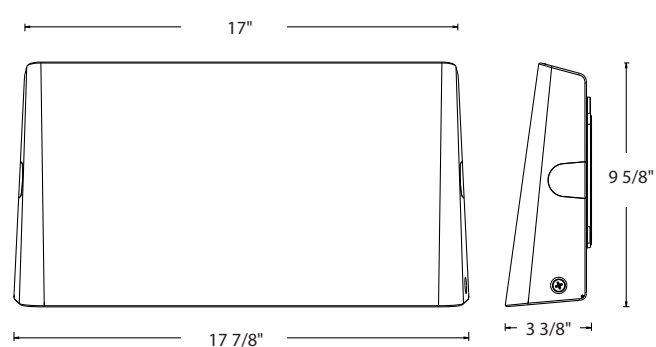
SLIMS

Weight: 6.0 lbs



SLIML

Weight: 9.9 lbs



SLIM High Output, Field-Adjustable

Page 6