

A photograph of a modern building with a light-colored, grid-patterned facade and a dark, curved entrance. A tall, slender outdoor light pole stands on the left. The foreground is a paved parking lot with yellow painted lines. A large red diagonal shape cuts across the lower half of the image, serving as a background for the text.

OUTDOOR LIGHTING

 AimLite



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LIGHTING PRODUCTS BUILT FOR CANADIANS, BY CANADIANS



CANADIAN
MADE





ALL ABOUT AIMLITE OUTDOOR LIGHTING



QUICKSHIP

AT THE TIP OF YOUR FINGERS WHEN YOU NEED THEM!

All outdoor luminaires included in our Quickship program are in stock and available to fulfill your project and stocking needs in a timely manner



POWER
SELECTABLE



CCT
SELECTABLE

POWER AND CCT SELECTABLE

An all-in-one LED lighting solutions offering ultimate versatility, with the ability to change the color temperature and lumen output for a variety of projects and applications. It is an ideal cost-effective solution to reduce stocking inventory.



AMBIENT
TEMPERATURE

AMBIENT TEMPERATURE

All our fixtures are certified to an ambient temperature for applications reaching down to -40 degrees Celcius.

MOST POPULAR FINISHES FOR OUR OUTDOOR FIXTURES

Our Standard outdoor finish is bronze for the majority of our outdoor fixture line. We do offer other popular finishes in certain models such as black, white and silver to appeal to all outdoor lighting applications and complement any type of building facade. We can also paint in any custom color.

BRONZE



BLACK



SILVER



WHITE



GREY



CUSTOM





CERTIFICATIONS



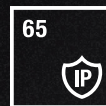
WET
LOCATION

Wet location rated lighting fixtures are used in places with direct exposure to water. At AimLite, all of our outdoor fixtures use waterproof seals to protect their internal components from moisture and damage.



IMPACT
RESISTANCE

IK Ratings are an international numeric classification to indicate the degrees of protection provided by enclosures for electrical equipment against external mechanical impacts. Our fixtures' IK ratings vary from IK06-IK08 to ensure we offer robust and durable products.



IP
RATING

IP (or "Ingress Protection") ratings are used to define levels of sealing effectiveness of electrical enclosures against intrusion from foreign bodies (tools, dirt etc) and moisture. The high majority of our fixtures are at least IP65- IP rated as "dust tight" and protected against water projected from a nozzle.



DLC

We strive to provide high-quality, energy-efficient lighting products to ensure our customers have the latest high performing commercial lighting solutions on hand.




DARK SKY-IDA

At Aimlite we recognize and promote excellent stewardship of the night sky and do our best to reduce light pollution and its harmful effects.



WALL PACKS

Visit [AimLite.com](https://aimlite.com) for more information about our wall packs 

W6C

LED FULL CUTOFF WALL PACK

SELECTABLE COLOR TEMPERATURE (3 000/4 000/5 000 K)
POWER SELECTABLE
INTEGRATED PHOTOCELL
MULTI-VOLTAGE (120-347 V)



The W6C full cutoff series is built with a modern design which includes heat sinks in the front of the housing to allow for optimal performance. This luminaire has an integrated photocell and features the latest in LED technology by allowing the user to control the color temperature and power by using the internal field adjustable integrated switches. Typical applications include entrances or anywhere security lighting is required.

FEATURES & SPECIFICATIONS

CONSTRUCTION

Housing

- This luminaire is made of aluminum die cast and comes in a bronze powder coat finish
- The housing has 4 conduit entries of 1/2" on each side
- Each model has an integrated button type photocell that can be easily turned off

Lens





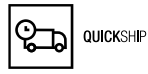









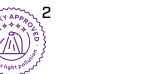
Each luminaire is outfitted with a clear polycarbonate lens and offered in a type III distribution pattern.

TECHNICAL SPECIFICATIONS

- 0-10 V dimming
- Color temperature: 2 200 K and 3 000/ 4 000/ 5 000 K, default setting 4 000 K
- Estimated lifespan of 50 000 hours to L70
- Ambient temperature: -40°C to +50°C
- 4 kV surge protection

COMPLIANCES

- Wet location
- IP65
- IK08
- Meets requirements of ICES-005 5 for class B products
- cULus
- RoHS

OVERVIEW			
LIGHT SOURCE	LED	EFFICACY (LM/W)	122 - 161
WATTS (W)	25/40/60 80/100	COLOR TEMPERATURE (K)	2 200 AND 3 000/4 000/5 000
		CRI	80
LUMEN OUTPUT (LM)	3 275 - 14 299	WEIGHT (LBS)	6.83 - 10.58
<div>         </div> <div>        </div>			

Not all products are qualified on the DLC QPL. To view our DLC qualified products, please consult the DLC Qualified Products List at www.designlights.org/search.

¹ Based on a maximum usage of 12 hours per day.

² When the luminaire is set at 3 000 K operation. Only model W6C-PS60A3-323CBRP must be ordered for IDA certification compliance.

QUICK SHIP AND TECHNICAL SPECIFICATION TABLE

MODEL NUMBER	DLC UNIQUE ID	WATTS [W]	VOLTS [VAC]	COLOR TEMP. [K]	LUMEN OUTPUT [LM] ¹	EFFICIENCY [LM/W]	CRI	LIFE L70 [HRS]	DISTRIBUTION TYPE	FINISH	DIMMING	PF	THD [%]	TRADITIONAL EQUIVALENT [W]		CASE QTY [MASTER]
														HM	SHF	
W6C-PS60A3-323CBRP	PLWEOKUXL2GB	25/40/60	120-347	3 000/4 000/5 000	3 625/5 640/8 220 ¹	122-137	80	50 000	III	BRONZE	YES	≥0.9	≤20%	175-400	175-250	1
W6C-PS100A3323CBRP	PLUBR2UHTA34	80/100	120-347	3 000/4 000/5 000	11 520/14 000 ¹	123-140	80	50 000	III	BRONZE	YES	≥0.9	≤20%	400-1 000	250-400	1

¹ Lumen values are based on 4 000 K default settings. Please refer to Quick Ship Technical Specification Table for more details on other color temperatures.

ORDERING GUIDE

W6C —  — 32 —  — P — 

SERIES	LUMEN PACKAGE [W]	DISTRIB. TYPE	VOLTS [V]	COLOR TEMP. [K]	CASTING COLOR	MANDATORY OPTION	OPTIONS
W6C	PS60A - 25/40/60 PS100A - 80/100	2 - TYPE II 3 - TYPE III 4 - TYPE IV	32 - 120-347	22K - 2 200 3C - 3 000/ 4 000/ 5 000	BR - BRONZE (STANDARD) SP - CUSTOM COLOR	P - BUTTON TYPE PHOTOCELL	OSI ¹ - OCCUPANCY SENSOR KV - 10 KV SURGE PROTECTION

¹ Available in a bronze or white finish.

TECHNICAL SPECIFICATION TABLE

LUMEN PACKAGE	DISTRIBUTION TYPE	WATTS [W]	3 000 K			4 000 K			5 000 K		
			LUMEN OUTPUT [LM]	EFFICACY [LM/W]	LED CURRENT [MA]	LUMEN OUTPUT [LM]	EFFICACY [LM/W]	LED CURRENT [MA]	LUMEN OUTPUT [LM]	EFFICACY [LM/W]	LED CURRENT [MA]
PS60A	II	25	3 762	149	540 - 594	3 911	160	627 - 690	3 917	156	540 - 594
		40	5 699	144	876 - 964	6 001	158	627 - 690	5 874	149	876 - 964
		60	7 921	135	1 265 - 1 391	8 355	153	627 - 690	8 119	140	1 265 - 1 391
	III	25	3 275	131	540 - 594	3 625	145	627 - 690	3 500	140	540 - 594
		40	5 000	125	876 - 964	5 640	141	627 - 690	5 280	132	876 - 964
		60	7 290	122	1 265 - 1 391	8 220	137	627 - 690	7 860	131	1 265 - 1 391
	IV	25	3 631	144	540 - 594	3 783	154	627 - 690	3 816	150	540 - 594
		40	5 502	138	876 - 964	5 800	152	627 - 690	5 724	145	876 - 964
		60	7 414	129	1 265 - 1 391	7 999	147	627 - 690	7 801	135	1 265 - 1 391
PS100A	II	80	11 548	144	1 704 - 1 875	12 312	161	955 - 1 050	11 994	150	1 705 - 1 875
		100	13 251	139	2 088 - 2 297	14 299	158	955 - 1 050	13 737	144	2 088 - 2 297
	III	80	10 160	127	1 704 - 1 875	11 520	144	955 - 1 050	10 720	134	1 705 - 1 875
		100	12 300	123	2 088 - 2 297	14 000	140	955 - 1 050	13 300	133	2 088 - 2 297
	IV	80	10 974	136	1 704 - 1 875	11 810	154	955 - 1 050	11 488	144	1 705 - 1 875
		100	12 909	135	2 088 - 2 297	13 522	149	955 - 1 050	13 062	137	2 088 - 2 297

DEFAULT PROGRAMMING

W6C-PS60A3-323CBRP: 60 W / 4 000 K

W6C-PS100A3323CBRP: 100 W / 4 000 K

ACCESSORIES (ORDER SEPARATELY)

PART NUMBER	DESCRIPTION
HAR1130	18" BRONZE METAL BACKPLATE
KIT-HAR1024-TP	VANDAL RESISTANT SCREWS KIT

W16S GEN. 5

CLASSIC WALL PACK

SELECTABLE COLOR TEMPERATURE (3 000/4 000/5 000 K)
POWER SELECTABLE
INTEGRATED PHOTOCELL
MULTI-VOLTAGE (120-347 V)



This wall pack series has the classic and familiar design but with a new and updated slimmer profile. All configurations come with an integrated photocell, selectable power and color temperature, as well as with modern LED technology to promote better energy efficiency and long life. This series is best suited for entrances, underpasses or anywhere controlled security lighting is required and is a great addition to any commercial or industrial outdoor wall mount application. The tough die cast aluminum housing is moisture and dustproof.

FEATURES & SPECIFICATIONS

CONSTRUCTION

Physical Characteristics

- This luminaire is made of aluminum die cast and comes standard in a bronze, black and white powder coat finish.
- The housing has four conduit entries of 1/2" on each side.
- Each model has an integrated 120-347 V button type photocell that can be easily turned off.

- Optional sensor receptacle makes for easy plug-and-play installation of motion sensors. Sensors are sold separately, see accessories table for more details.

Lens

Prismatic tempered glass lens is standard in this product series.

Mounting














Wall and surface mount to a junction box.

PERFORMANCE DATA

- Selectable color temperature 3 000/4 000/5 000 K, default programming at 4 000 K
- 80+ CRI
- 0-10 V dimming
- Electrical ratings: 120-347 V
- Estimated life of over 50 000 hours to L70
- 6 kV surge protection
- Operating temperature: -40 °C to 50 °C (-40 °F to 122 °F)

COMPLIANCES

- UL certified, Wet location
- Meets requirements of ICES-005 5 for class A products
- IP65
- IK04

OVERVIEW			
LIGHT SOURCE	LED	EFFICIENCY (LM/W)	139 - 160
WATTS (W)	25/30/40, 60/80/100 120	COLOR TEMPERATURE (K)	3 000/4 000/5 000
LUMENS OUTPUT (LM)	3 855 - 17 430	CRI	80+
<div>  <div>  CCT 3CCT SELECTABLE </div> <div>  W POWER SELECTABLE </div> <div>  QUICKSHIP </div> <div>  LED </div> <div>  DIMMABLE </div> <div>  WET LOCATION </div> <div>  65 IP RATING </div> <div>  IK04 IMPACT RESISTANCE </div> <div>  ICES 005 </div> <div>  DLC LISTED PREMIUM </div> <div>  UL CERTIFIED </div> <div>  FCC </div> </div>			

Not all products are qualified on the DLC QPL. To view our DLC qualified products, please consult the DLC Qualified Products List at www.designlights.org/search.

W16S GEN 5

QUICK SHIP ORDERING GUIDE



MODEL NUMBER	WATTS [W]	VOLTS [V AC]	COLOR TEMP. [K] ¹	LUMEN OUTPUT [LM] ^{2,3}	EFFICIENCY [LM/W]	CRI	LIFE L70 [HRS] ⁴	TESTED HOURS LM-80 [HRS] ⁴	CALCULATED TM21 [HRS] ⁴	BUG	LED CURRENT [MA]	FINISH	PHOTO-CELL [YES/NO]	DIMMING [YES/NO]	PF	THD [%]	TRADITIONAL EQUI-VALENT [W]	MAS-TER CASE QTY
CCT AND POWER SELECTABLE WITH INTEGRATED PHOTOCELL⁶																		
W16S-PS40B-323CBR	25/30/40	120-347	3 000/4 000/5 000	4 010/4 646/5 981 ⁴	148-160	80+	50 000	9 000	>54 000	B1U3G3	550	BRONZE	YES	YES	≥0.90	≤20	150-175	1
W16S-PS100B-323CBR	60/80/100	120-347	3 000/4 000/5 000	8 819/12 053/14 554	153-156	80+	50 000	17 000	44 000	B3U4G5	410	BRONZE	YES	YES	≥0.90	≤20	250-400	1
W16S-NS120B-323CBR	120	120-347	3 000/4 000/5 000	17 430	154	80+	50 000	17 000	43 000	B3U5G5	490	BRONZE	YES	YES	≥0.90	≤20	400-750	1
W16S-PS40B-323CBK	25/30/40	120-347	3 000/4 000/5 000	4 010/4 646/5 981 ⁴	148-160	80+	50 000	9 000	>54 000	B1U3G3	550	BLACK	YES	YES	≥0.90	≤20	150-175	1
W16S-PS100B-323CBK	60/80/100	120-347	3 000/4 000/5 000	8 819/12 053/14 554	153-156	80+	50 000	17 000	44 000	B3U4G5	410	BLACK	YES	YES	≥0.90	≤20	250-400	1
W16S-NS120B-323CBK	120	120-347	3 000/4 000/5 000	17 430	154	80+	50 000	17 000	43 000	B3U5G5	490	BLACK	YES	YES	≥0.90	≤20	400-750	1
W16S-PS40B-323CWH	25/30/40	120-347	3 000/4 000/5 000	4 010/4 646/5 981 ⁴	148-160	80+	50 000	9 000	>54 000	B1U3G3	550	WHITE	YES	YES	≥0.90	≤20	250-400	1
W16S-PS100B-323CWH	60/80/100	120-347	3 000/4 000/5 000	8 819/12 053/14 554	153-156	80+	50 000	17 000	44 000	B3U4G5	410	WHITE	YES	YES	≥0.90	≤20	400-750	1

¹ Typical color temperature range: +/- 5 %.

² Lumen values are derived from photometric testing. Initial lumens range: +/- 10 %.

³ Lumen values are derived from DLC reported data at 3 000 K. Please refer to the LUMEN SPECIFICATION TABLE for more details on other color temperatures.

⁴ Lumen values are based on 4 000 K default programming. Please refer to the LUMEN SPECIFICATION TABLE for more details on other color temperatures.

⁵ Life hours are derived from IESNA LM-80 testing report and projected per IESNA TM-21 extrapolations.

⁶ Integrated ON/OFF photocell that can be easily disabled.

DLC UNIQUE ID TABLE

MODEL NUMBER	DLC PREMIUM UNIQUE ID ¹
W16S-PS40B-323CBR	S-R867B7
W16S-PS100B-323CBR	S-XFKKXX
W16S-NS120B-323CBR	S-HFGVN8
W16S-PS40B-323CBK	S-R867B7
W16S-PS100B-323CBK	S-XFKKXX
W16S-NS120B-323CBK	S-HFGVN8
W16S-PS40B-323CWH	S-R867B7
W16S-PS100B-323CWH	S-XFKKXX

¹ Primary Use Designation: Outdoor Non-Cutoff and Semi-Cutoff Wall-Mounted Area Luminaires.



ACCESSORIES (ORDER SEPARATELY)

MODEL NUMBER	DESCRIPTION
WGD915	Wireguard
GS013-BR	Bronze Glare shield
GS013-BK	Black Glare shield
GS013-WH	White Glare shield
OSI-EFS06R ¹	External High Frequency Sensor Kit EFS06R
OSI-RM51	Remote Control RM51

¹ To change factory setting, purchase remote OSI-RM51 (sold separately).



CONFIGURABLE TECHNICAL SPECIFICATION TABLE

MODEL NUMBER	WATTS [W]	3 000 K		4 000 K		5 000 K	
		LUMEN OUTPUT [LM]	EFFICACY [LM/W]	LUMEN OUTPUT [LM]	EFFICACY [LM/W]	LUMEN OUTPUT [LM]	EFFICACY [LM/W]
W16S-PS40B-323CBR	25	3 855	150	4 010	160	4 083	157
W16S-PS40B-323CBK	30	4 433	148	4 646	158	4 713	154
W16S-PS40B-323CWH	40	5 691	139	5 981	148	5 831	143
W16S-PS100B-323CBR	60	8 678	149	8 819	154	8 699	149
W16S-PS100B-323CBK	80	11 678	146	12 053	153	11 741	146
W16S-PS100B-323CWH	100	13 574	142	14 554	156	13 676	143
W16S-NS120B-323CBR	120	16 491	140	17 430	154	16 582	141
W16S-NS120B-323CBK							

DEFAULT PROGRAMMING

W16S-PS40B-323CBR_W16S-PS40B-323CBK_W16S-PS40B-323CWH: 40 W / 4 000 K
W16S-PS100B-323CBR_W16S-PS100B-323CBK_W16S-PS100B-323CWH: 100 W / 4 000 K

W16S GEN 5

ORDERING GUIDE

W16S		32	3C		/ SR
SERIES	LUMEN PACKAGE [W]	VOLTS [V]	COLOR TEMP. [K]	CASTING COLOR	OPTION
W16S	PS40B PS100B NS120B	32 - 120-347	3C - 3 000/4 000/5 000	BR - BRONZE BK - BLACK WH ¹ - WHITE	SR ² - SENSOR RECEPTACLE

¹ White finish available for PS40B and PS100B only.

² Sensor must be purchased separately, refer to accessories table for more details.

COMPATIBLE DIMMERS¹

BRAND	MODEL
LEVITON	DS710
LEVITON	IP710
LUTRON	NTSTV-DV
LUTRON	NFTV
LUTRON	DVTV-WH
LEGRAND	H4FBL3PW

¹ This table shows dimmers that have been tested and have demonstrated proper operation under normal conditions. Each installation being unique, various factors such as load, common neutrals or other electrical products on the circuit can, in certain instances, cause variance in system performance. Read and comply to the dimmer installation instructions. Consult dimming system manufacturer for additional support in operation. Some dimmers may require more than one product for stable operation. AimLite recommends to use dimmers designed to work with LED products. Older dimmers designed for incandescent products may cause erratic operation.

DIMMING RANGE: 0%-100%

W20T

LED ADJUSTABLE WALL PACK

3 CCT AND 2 POWER SELECTABLE

INTEGRATED PHOTOCELL

The W20T adjustable wall pack series is built with a modern design which includes a 0° to 90° field adjustable angle dial allowing for a flexible installation to suit any outdoor perimeter, building entrances or walkways application. This luminaire has an integrated photocell and features the latest in LED technology such as allowing the user to control the color temperature and power by using the internal field adjustable integrated switches.



FEATURES & SPECIFICATIONS

CONSTRUCTION

Housing

- This luminaire is made out of aluminum die cast and comes in a bronze powder coat finish
- The housing has 4 conduit entries of 1/2" on each side

- Each model has an integrated button type photocell that can be easily turned off
- 0° to 90° field adjustable angle dial

Lens

Each luminaire is outfitted with a clear polycarbonate lens








ELECTRICAL






- Color temperature 3 000/4 000/5 000 K, default setting 4 000 K
- Multi Volt: 120-347 V
- Ambient temperature: -40 °C to 50 °C
- Estimated lifespan of 50 000 hours to L70
- 0-10 V dimming
- 6 kV surge protection

COMPLIANCES

- Wet location
- IP65
- IK07
- Meets requirements of ICES-005 5 for class B products
- cULus

OVERVIEW			
LIGHT SOURCE	LED	EFFICIENCY (LM/W)	121 - 140
WATTS (W)	15/30 50/80	COLOR TEMPERATURE (K)	3 000/4 000/5 000
		CRI	70+
LUMEN OUTPUT (LM)	1 950 - 10 429	WEIGHT (LBS)	2.99 - 4.85


 QUICKSHIP
  LED
  CCT+ 3CCT SELECTABLE
  W+ POWER SELECTABLE
  DIMMABLE
  WET LOCATION

 65 IP RATING
  ICES 005
  IK07 IMPACT RESISTANCE
  UL CERTIFIED
  DLC LISTED PREMIUM

QUICK SHIP ORDERING GUIDE



PART NUMBER	DLC UNIQUE ID	WATTS [W]	VOLTS [V]	COLOR TEMP. [K]	LUMEN OUTPUT [LM] ¹	EFFI- CIENCY [LM/W]	CRI	LIFE L70 [HRS]	BEAM ANGLE [°]	FINISH	DIM- MING	PF	THD [%]	TRADITIONAL EQUIVALENT [W]		CASE QTY [MAS- TER]
														MH	HPS	
CCT AND POWER SELECTABLE WITH INTEGRATED PHOTOCELL ²																
W20T-PS30A-323C8RP	PG3AR9MP	15/30	120-347	3000/4000/5000	2 100-3 925	137-140	70+	50 000	90X110	BRONZE	YES	≥0.90	≤20	70-150	70-100	8
W20T-PS80A-323C8RP	PLLQSPLK	50/80	120-347	3000/4000/5000	7 000-10 392	139-140	70+	50 000	90X110	BRONZE	YES	≥0.90	≤20	175-400	150-250	4

QUICK SHIP: Product availability is subject to change without notice. Please contact your AimLite customer service representative to confirm inventory levels at time of order.

¹ Lumen values are based on 4 000 K default settings. Please refer to Quick Ship Technical Specification Table for more details on other color temperatures.

² Integrated ON/OFF photocell that can be easily disabled.

ORDERING GUIDE

W20T — — 32 — 3C — BR — P /

SERIES	LUMEN PACKAGE [W]	VOLTS [V]	COLOR TEMP. [K]	CASTING COLOR	MANDATORY OPTIONS	OPTIONS
W20T	PS30A - 15/30 PS80A - 50/80	32 - 120-347	3C - 3 000/4 000/5 000	BR - BRONZE	P - BUTTON TYPE PHOTOCELL	KV - 10 KV OSI ¹ - OCCUPANCY SENSOR

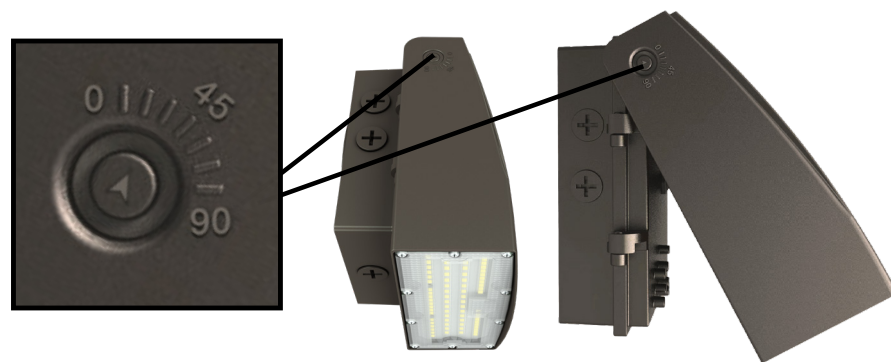
¹ This occupancy sensor is external and available in a bronze and white finish

LUMEN SPECIFICATION TABLE

PART NUMBER	WATTS [W]	3 000 K			4 000 K			5 000 K		
		LUMEN OUTPUT [LM]	EFFICIENCY [LM/W]	LED CURRENT [MA]	LUMEN OUTPUT [LM]	EFFICIENCY [LM/W]	LED CURRENT [MA]	LUMEN OUTPUT [LM]	EFFICIENCY [LM/W]	LED CURRENT [MA]
W20T-PS30A-323C8RP	15	1950	130	0.14	2100	140	0.14	2025	135	0.14
	30	3616	121	0.28	3925	137	0.28	3919	131	0.28
W20T-PS80A-323C8RP	50	6500	130	0.46	7000	140	0.46	6750	135	0.46
	80	9625	129	0.75	10392	139	0.75	10429	134	0.75

ADJUSTABLE ANGLE DIAL

0° TO 90° FIELD ADJUSTABLE ANGLE DIAL



WCS

LED WALL PACK

3 CCT AND 3 POWER SELECTABLE

INTEGRATED PHOTOCELL AND SLIM DESIGN

The WCS includes all the options required for a wall-mounted luminaire. With its slimmer profile, this series is equipped with a photocell and benefits from the latest LED technology, allowing the user to control color temperature and wattage via integrated switches. Typical applications are security lighting over entrances, stairwells and pedestrian areas. This modern-style series is an excellent choice for any industrial or commercial application.



Bronze



Black

FEATURES & SPECIFICATIONS

CONSTRUCTION

Physical Characteristics

- Die-cast aluminum housing comes standard in a black and bronze powder coated finish
- Features an integrated photocell which can easily be disabled
- Easy access to color temperature and power select switch

Mounting

- The housing has four conduit entries of 1/2" on each sides
- Surface mount to a junction box or use with surface conduit

Lens

- Prismatic tempered glass lens is standard in this product series.

PERFORMANCE DATA


- Available in 3 CCT selectable (3 000/4 000/5 000 K). The color temperature of the fixture is set by default at 4 000 K and can be changed on the field.
- 80+ CRI for true color accuracy
- Electrical ratings: 120-347 V
- Estimated life of over 50 000 hours to L70

- 0-10 V dimming standard
- 4Kv Surge Protection
- Operating temperature: -40 °C to 40 °C


COMPLIANCES

- cULus listed for wet locations
- Meets requirements of ICES-005 issue 5 class B for use in residential applications and BC Hydro
- IP65
- IK08


OVERVIEW			
LIGHT SOURCE	LED	EFFICIENCY (LM/W)	132 - 140
WATTS [W]	30/40/60 40/60/80	COLOR TEMPERATURE [K]	3 000/4 000/5 000
		CRI	80+
LUMEN OUTPUT [LM]	4 200 - 8 400 5 600 - 11 200		




WARRANTY
5 YEAR
WARRANTY




CCT* 3CCT
SELECTABLE




W* POWER
SELECTABLE




QUICKSHIP




LED




DIMMABLE




WET
LOCATION




65
IP
RATING




IK08
IMPACT
RESISTANCE




ICES
005



DLC
LISTED
PREMIUM



UL
CERTIFIED



RoHS

QUICK SHIP

TECHNICAL SPECIFICATION TABLE



MODEL NUMBER	WATTS [W]	VOLTS [VAC]	COLOR TEMP. [K] ¹	LUMEN OUTPUT [LM] ^{2,3}	EFFICIENCY [LM/W]	CRI	LIFE L70 [HRS] ⁴	BUG	FINISH	PHOTOCELL [YES/NO]	DIMMING [YES/NO]	POWER FACTOR	THD [%]	MASTER CASE QTY
WCS-PS60-32-3C-BK	30/40/60	120-347	30/40/50K	4 200/5 600/8 400	140	80+	50 000	133	BLACK	YES	YES	0.99	20	1
WCS-PS80-32-3C-BK	40/60/80	120-347	30/40/50K	5 600/8 400/11 200	140	80+	50 000	134	BLACK	YES	YES	0.91	20	1
WCS-PS60-32-3C-BR	30/40/60	120-347	30/40/50K	4 200/5 600/8 400	140	80+	50 000	133	BRONZE	YES	YES	0.99	20	1
WCS-PS80-32-3C-BR	40/60/80	120-347	30/40/50K	5 600/8 400/11 200	140	80+	50 000	134	BRONZE	YES	YES	0.91	20	1

¹ Typical color temperature range: +/- 5 %.

² Lumen values are derived from photometric testing. Initial lumens range: +/- 10 %.

³ Lumen values are based on 4 000 K default programming. Please refer to the LUMEN SPECIFICATION TABLE for more details on other color temperatures.

⁴ Life hours are derived from IESNA LM-80-08 testing report and projected per IESNA TM-21-11 extrapolations

DLC UNIQUE ID TABLE

MODEL NUMBER	DLC PREMIUM UNIQUE ID ¹
WCS-PS60-32-3C-BK	S-PL1LX6
WCS-PS80-32-3C-BK	S-CCTH7J
WCS-PS60-32-3C-BR	S-PL1LX6
WCS-PS80-32-3C-BR	S-CCTH7J

¹ Primary Use Designation: Outdoor Non-Cutoff and Semi-Cutoff Wall-Mounted Area Luminaires

CONFIGURABLE TECHNICAL SPECIFICATION TABLE

MODEL NUMBER	WATTS [W]	VOLTS [V]	3 000 K			4 000 K			5 000 K		
			LUMEN OUTPUT [LM]	EFFICACY [LM/W]	LED CURRENT [MA]	LUMEN OUTPUT [LM]	EFFICACY [LM/W]	LED CURRENT [MA]	LUMEN OUTPUT [LM]	EFFICACY [LM/W]	LED CURRENT [MA]
WCS-PS60-32-3C-BK	30	120-347	4 283	136	400	4 395	142	400	4 516	143	400
WCS-PS60-32-3C-BR	40		5 469	133	520	5 698	141	520	5 801	140	520
	60		7 672	131	780	7 873	137	780	7 908	133	780
WCS-PS80-32-3C-BK	40	120-347	5 480	136	180	5 649	142	180	5 830	144	180
WCS-PS80-32-3C-BR	60		7 979	134	270	8 321	142	270	8 459	141	270
	80		10 451	131	360	10 930	138	360	10 982	137	360

DEFAULT PROGRAMMING

WCS-PS60-32-3C-BK, WCS-PS60-32-3C-BR	60W, 4 000 K
WCS-PS80-32-3C-BK, WCS-PS80-32-3C-BR	80W, 4 000 K

COMPATIBLE DIMMERS¹

BRAND	MODEL NUMBER
LUTRON	NTSTV-DV, NFTV, DVTV-WH
LEVITON	DS710, IP710
LEGRAND	H4FBL3PW
DIMMING RANGE:	0%-100%

¹ This table shows dimmers that have been tested and have demonstrated proper operation under normal conditions. Each installation being unique, various factors such as load, common neutrals or other electrical products on the circuit can, in certain instances, cause variance in system performance. Read and comply to the dimmer installation instructions. Consult dimming system manufacturer for additional support in operation. Some dimmers may require more than one product for stable operation. AimLite recommends to use dimmers designed to work with LED products. Older dimmers designed for incandescent products may cause erratic operation.

W3I-L GEN 2 MINI WALL PACK

3 CCT SELECTABLE INTEGRATED PHOTOCELL



The W3I-L GEN 2 is a high performing compact multi-purpose wall pack where color temperature is adjustable which allows the users to select their preference via a field adjustable integrated switch. It also features a photocell which can be easily disabled. This luminaire has been designed for use in most commercial and residential installations. Typical applications include security lighting over entrances, stairwells and pedestrian areas.

FEATURES & SPECIFICATIONS

CONSTRUCTION

Physical Characteristics

- This luminaire is made of aluminum die cast and comes in a bronze and white powder coat finish
- Features an integrated 120-277 V photocell which can easily be disabled
- Equipped with a polycarbonate frosted lens
- CCT switch is placed discretely inside the housing

- The housing has 3 conduit entries of 1/2"

Mounting











Surface mount to a junction box or use with surface conduit

PERFORMANCE DATA

- Available in 3 000/4 000/5 000 K selectable color temperature
- 80+ CRI for true color accuracy
- Electrical ratings: 120-277 V
- Estimated life of over 54 000 hours to L70
- 0-10 V dimming standard
- 2 kV surge protection
- Operating temperature: -40 to 50 °C

COMPLIANCES

- cULus listed for wet locations
- DLC Premium
- Meets requirements of ICES-005 issue 5 class B for use in residential applications
- IP65
- BC Hydro

OVERVIEW			
LIGHT SOURCE	LED	EFFICACY (LM/W)	135 - 147
WATTS (W)	20	COLOR TEMPERATURE (K)	3 000/4 000/5 000
LUMEN OUTPUT (LM)	2 560 - 2 921	CRI	80+
<div>   QUICKSHIP  LED  CCT* 3CCT SELECTABLE  DIMMABLE  WET LOCATION  65 IP RATING </div> <div>  ICES 005  DLC LISTED PREMIUM  UL CERTIFIED </div>			

Not all products are qualified on the DLC QPL. To view our DLC qualified products, please consult the DLC Qualified Products List at www.designlights.org/search.

W3I-L GEN 2

QUICK SHIP ORDERING GUIDE



PART NO	DLC UNIQUE ID	WATTS [W]	VOLTS [VAC]	COLOR TEMP. [K]	LUMEN OUTPUT [LM]	EFFI- CACY [LM/W]	CRI	LIFE L70 [HRS]	TESTED HOURS LM-80 [HRS]	CALCU- LATED TM21 [HRS]	B.U.G.	DISTRI- BUTION TYPE	FINISH	DIM- MING	PF	THD [%]	TRADI- TIONAL EQUIVA- LENT [W]	MAS- TER CASE QTY
CCT SELECTABLE WITH INTEGRATED PHOTOCELL ²																		
W3I-LA2B-2-3C-BR-P	PS6S1GS6	20	120-277	3 000/ 4 000/ 5 000	2 560	135	80+	54 000	9 000	140 000	B1 U3 G2	IV	BRONZE	YES	≥0.90	≤20	70	10
W3I-LA2B-2-3C-WH-P	PS6S1GS6	20	120-277	3 000/ 4 000/ 5 000	2 560	135	80+	54 000	9 000	140 000	B1 U3 G2	IV	WHITE	YES	≥0.90	≤20	70	10

QUICK SHIP: Product availability is subject to change without notice. Please contact your AimLite customer service representative to confirm inventory levels at time of order.

¹ Lumen values are derived from DLC reported data at 3 000 K.

² Integrated ON/OFF photocell that can be easily disabled.

W16A-L GEN 2

LED ALL PURPOSE WALL PACK

SELECTABLE COLOR TEMPERATURE (3 000/4 000/5 000 K)

The W16A-L is a high performance multi-purpose luminaire that can be used in most commercial installations. This prismatic wall pack effectively diffuses and distributes the highly efficient LED output to maximize spread while minimizing wattage consumption. The intended use: security lighting over entrances, stairwells and pedestrian areas.



FEATURES & SPECIFICATIONS

CONSTRUCTION

Housing

- Made of aluminum featuring an integrated 120-277 V photocell
- Bronze finish

Lens

Frosted polycarbonate lens to reduce glare

TECHNICAL







SPECIFICATIONS






- 0-10 V dimming standard
- Color temperature 3 000/4 000/5 000 K
- Estimated lifespan of >60 000 hours to L70
- Ambient temperature: -40 to 40 °C
- 2 kV surge protection
- Type III distribution type

COMPLIANCES

- cULus
- Wet location
- IP65
- IK08
- Meets requirements of ICES-005 issue 5 for class B products

OVERVIEW			
LIGHT SOURCE	LED	EFFICACY [LM/W]	113 - 123
WATTS [W]	20	COLOR TEMPERATURE [K]	3 000/4 000/5 000
LUMEN OUTPUT [LM]	2 260 - 2 451	CRI	73


 QUICKSHIP
  LED
  CCT 3CCT SELECTABLE
  DIMMABLE
  WET LOCATION

 ICES 005
  IP65 RATING
  IK08 IMPACT RESISTANCE
  DLC LISTED
  UL CERTIFIED

Not all products are qualified on the DLC QPL. To view our DLC qualified products, please consult the DLC Qualified Products List at www.designlights.org/search.

W16A-L GEN 2

QUICK SHIP ORDERING GUIDE



MODEL NUMBER	DLC UNIQUE ID	WATTS [W]	VOLTS [V]	COLOR TEMP. [K]	LUMEN OUTPUT [LM]	EFFI- CIENCY [LM/W]	PHOTO- CELL	CRI	DIS- TRIB. TYPE	FINISH	DIM- MING	B.U.G	TRADITIONNAL EQUIVALENT [W]		CASE QTY [MASTER]
													MH	HPS	
W16A-LA1B-2-3CBRP	PMSQH1F3	20	120-277	3 000/4 000/5 000	2 261	113	YES	73	III	BRONZE	YES	B1 U3 G1	70 - 100	70	6

QUICK SHIP: Product availability is subject to change without notice. Please contact your AimLite customer service representative to confirm inventory levels at time of order.

LUMEN CHART

MODEL NUMBER	WATTS [W]	VOLTS [V]	3 000 K		4 000 K		5 000 K		LIFE L70 [HRS]	PF	THD [%]
			LUMEN [LM]	EFFICIENCY [LM/W]	LUMEN [LM]	EFFICIENCY [LM/W]	LUMEN [LM]	EFFICIENCY [LM/W]			
W16A-LA1B-2-3CBRP	20	120-277	2 402	122	2 260	113	2 451	123	>60 000	0.90-0.99	10.07-11.04

OVW-L

DECORATIVE WALL PACK

3 CCT SELECTABLE AND INTEGRATED PHOTOCELL



The OVW-L is a decorative luminaire with an oval, screwless housing, making it easy to install while preserving the integrity of the design. This luminaire is generally used in the following applications: building entry-ways, hotels/condominiums balcony lighting, ect.

FEATURES & SPECIFICATIONS

CONSTRUCTION

Housing

- Die-cast aluminum housing available in a bronze, black and white finishes
- Integrated photocell which can be easily disabled
- CCT select switch is discretely placed inside the housing
- The housing has two 1/2" conduit entries, located at the top and at the back

Lens












Polycarbonate translucent lens is standard for this product series.

Performance Data

- Available in 3 000/4 000/5 000 K selectable color temperature
- 80+ CRI for true color accuracy
- Electrical ratings: 120-277 V
- Estimated life of over 163 000 hours to L70
- 0-10 V dimming standard
- 2,5 kV surge protection
- Operating temperature: -40 °C to 45 °C [-40 °F to 115 °F]

Compliances

- cULus listed for Canada and USA
- cULus listed for wet locations
- Meets requirements of ICES-005 issue 5 class B for use in residential applications
- IP65
- IK08
- RoHS

OVERVIEW			
LIGHT SOURCE	LED	EFFICACY [LM/W]	119-129
WATTS [W]	15	COLOR TEMPERATURE [K]	3 000/4 000/5 000
LUMEN OUTPUT [LM]	1 787-1 937	CRI	80+
<div>   QUICKSHIP  LED  DIMMABLE  WET LOCATION  65 IP RATING  IK08 IMPACT RESISTANCE </div> <div>  ICCS 005  UL CERTIFIED  RoHS  DLC LISTED PREMIUM </div>			

QUICK SHIP ORDERING GUIDE



PART NUMBER	WATTS [W]	VOLTS [VAC]	COLOR TEMP. [K] ¹	LUMEN OUTPUT [LM] ²	EFFICACY [LM/W]	CRI	LIFE L70 [HRS] ³	TESTED HOURS LM-80 [HRS] ³	DISTRIBUTION TYPE	BUG	LED CURRENT [MA]	FINISH	PHOTOCELL [YES/NO] ⁴	DIMMING [YES/NO]	PF	THD [%]	TRADITIONAL EQUIVALENT [W]	MASTER CASE QTY
CCT SELECTABLE WITH INTEGRATED PHOTOCELL																		
OVW-LA1-2-3C-BR	15	120-277	3 000/4 000/5 000	1 884	132	80+	163 000	9 000	III	B0 U2 G1	0,21-0,057	BRONZE	YES	YES	0.931	7.4	70	17
OVW-LA1-2-3C-BK	15	120-277	3 000/4 000/5 000	1 884	132	80+	163 000	9 000	III	B0 U2 G1	0,21-0,057	BLACK	YES	YES	0.931	7.4	70	17
OVW-LA1-2-3C-WH	15	120-277	3 000/4 000/5 000	1 884	132	80+	163 000	9 000	III	B0 U2 G1	0,21-0,057	WHITE	YES	YES	0.931	7.4	70	17

¹ Typical color temperature range: +/- 5 %.

² Lumen values are derived from photometric testing. Initial lumens range: +/- 10 %.

³ Life hours are derived from IESNA LM-80-08 testing report and projected per IESNA TM-21-11 extrapolations.

⁴ Integrated ON/OFF photocell that can be easily disabled.

DLC UNIQUE ID TABLE

MODEL NUMBER	DLC PREMIUM UNIQUE ID ¹
OVW-LA1-2-3C-BR	S-BDNLOW
OVW-LA1-2-3C-BK	S-BDNLOW
OVW-LA1-2-3C-WH	S-BDNLOW

¹ Primary Use Designation:

LUMEN SPECIFICATION TABLE

PART NUMBER	WATTS [W]	3 000 K		4 000 K		5 000 K	
		LUMEN OUTPUT [LM]	EFFICACY [LM/W]	LUMEN OUTPUT [LM]	EFFICACY [LM/W]	LUMEN OUTPUT [LM]	EFFICACY [LM/W]
OVW-LA1-2-3C-BR	15	1 787	119	1 884	126	1 937	129
OVW-LA1-2-3C-BK	15						
OVW-LA1-2-3C-WH	15						

DEFAULT PROGRAMMING

OVW-LA1-2-3C-BR: 4 000 K

OVW-LA1-2-3C-BK: 4 000 K

OVW-LA1-2-3C-WH: 4 000 K

COMPATIBLE DIMMERS

BRAND	MODEL NUMBER
LUTRON	NTSTV-DV, NFTV, DVTW-WH
LEVITON	DS710, IP710
LEGRAND	H4FBL3PW

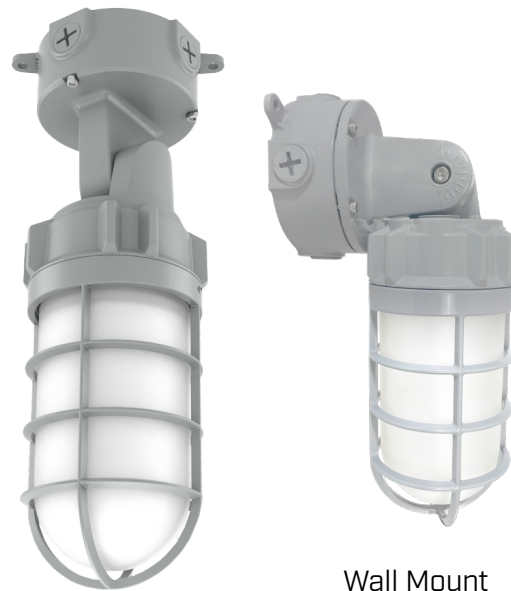
DIMMING RANGE: 10%-100%

¹ This table shows dimmers that have been tested and have demonstrated proper operation under normal conditions. Each installation being unique, various factors such as load, common neutrals or other electrical products on the circuit can, in certain instances, cause variance in system performance. Read and comply to the dimmer installation instructions. Consult dimming system manufacturer for additional support in operation. Some dimmers may require more than one product for stable operation. Aimlite recommends to use dimmers designed to work with LED products. Older dimmers designed for incandescent products may cause erratic operation.

JAM GEN 2 LED JAM JAR

POWER SELECTABLE AND 3 CCT SELECTABLE WITH MULTIPLE MOUNTING OPTIONS

The JAM GEN 2 LED Industrial luminaire provides an indoor / outdoor solution combined with the latest feature in LED technology allowing the user to control the color temperature and power by using the field adjustable integrated switch. This LED jam jar offers 3-in-1 versatile mounting options making it the ideal solution for garages, storage, elevator shafts and industrial areas as well as residential applications.



Wall Mount

FEATURES & SPECIFICATIONS

CONSTRUCTION

Physical Characteristics

- This luminaire is made of aluminum die cast and comes in a grey powder coat finish
- Glass frosted lens
- Power and CCT switches are placed discretely inside the housing

Mounting

- 3 in 1 mounting type (ceiling, wall and threaded conduit¹)














PERFORMANCE DATA

- Available in 3 000/4 000/5 000 K selectable color temperature
- 80+ CRI
- Electrical ratings: 120-347 V
- Estimated life of over 50 000 hours to L70
- 0-10 V dimming standard
- Operating temperature: -40 °C to 40 °C [-40 °F to 104 °F]

COMPLIANCE

- cULus listed for wet locations
- Meets requirements of ICES-005 issue 5 for class B products
- IP65
- IK07
- RoHS
- 3G vibration resistant in compliance with ANSI/IEEE C136.31 standard for luminaire vibration
- DLC Standard

¹Not provided by factory.

OVERVIEW			
LIGHT SOURCE	LED	EFFICIENCY (LM/W)	118-128
WATTS (W)	10/21	COLOR TEMPERATURE (K)	3 000/4 000/5 000
LUMEN OUTPUT (LM)	1 253 - 2 501	CRI	80+
<div>  <div>  <div>CCT*</div> <div>3CCT SELECTABLE</div> </div> <div>  <div>W*</div> <div>POWER SELECTABLE</div> </div> <div>  <div>QUICKSHIP</div> </div> <div>  <div>LED</div> </div> <div>  <div>DIMMABLE</div> </div> <div>  <div>65 IP RATING</div> </div> <div>  <div>WET LOCATION</div> </div> <div>  <div>IK07 IMPACT RESISTANCE</div> </div> <div>  <div>ICES 005</div> </div> <div>  <div>UL CERTIFIED</div> </div> <div>  <div>RoHS</div> </div> <div>  <div>DLC LISTED</div> </div> </div>			

Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions. All products are subject to change or may be discontinued any time without notice.

JAM GEN 2

QUICK SHIP ORDERING GUIDE



PART NO	DLC UNIQUE ID	WATTS [W]	VOLTS [VAC]	COLOR TEMP. [K]	LUMEN OUTPUT [LM]	EFFI- CIENCY [LM/W]	CRI	LIFE L70 [HRS]*	TESTED HOURS LM-80 [HRS]*	CALC. TM21 [HRS]*	LED CUR- RENT	FINISH	PHOTO- CELL	DIM- MING	PF	THD [%]	TRADITIONAL EQUIVALENT		MAS- TER CASE QTY
																	INCAN	CFL	
																	CCT and Power Selectable		
JAM-PS20A-32-3C-GY	S-FIOLJQ	10/21	120-347	3 000/4 000/5 000	2 562	128	80+	50 000	9 000	160 000	0.18	GREY	NO	YES	>0.90	≤20	150	40	6

¹ Typical color temperature range: +/- 5 %.

² Lumen values are derived from photometric testing. Initial lumens range: +/- 10 %.

³ Lumen values are based on 4 000 K default programming. Please refer to the LUMEN SPECIFICATION TABLE for more details on other color temperatures.

⁴ Life hours are derived from IESNA LM-80-08 testing report and projected per IESNA TM-21-11 extrapolations.

LUMEN CHART TABLE


MODEL NUMBER	WATTS [W]	3 000 K			4 000 K			5 000 K		
		LUMEN OUTPUT [LM]	EFFICACY [LM/W]	LED CURRENT [MA]	LUMEN OUTPUT [LM]	EFFICACY [LM/W]	LED CURRENT [MA]	LUMEN OUTPUT [LM]	EFFICACY [LM/W]	LED CURRENT [MA]
JAM-PS20A-32-3C-GY	10	1 206	121	0.18	1 253	125	0.18	1 268	64	0.18
	21	2 393	120	0.18	2 500	125	0.18	2 464	123	0.18

DEFAULT PROGRAMMING

21 W/4 000 K



FLOOD LIGHTS

Visit [AimLite.com](https://aimlite.com) for more information about our flood lights 

FSB

HIGH POWER FLOOD AND AREA LIGHTS

CCT AND POWER SELECTABLE¹

These high-power flood lights are designed with ease of installation due to the slide on feature for mounting options and they allow for optic interchangeability to suit different applications. The color temperature and the power can be changed on site by sliding the CCT selectable switches. For energy savings and enhanced safety, this product series

Bronze



Black



comes with a 7 pin photocell receptacle for the ability to add a dusk till dawn photocell and includes a sensor adapter compatible with both smart and non-smart sensors. The FSB series is great for general lighting of grounds, storage yards, car dealerships, parking areas as well as flood lighting of signs and building facades.

FEATURES & SPECIFICATIONS

CONSTRUCTION

Physical Characteristics

- Die-cast aluminum housing, available in a black and bronze finish
- Housing design includes 2 front latches to facilitate the exchange of optic
- 7 pin photocell receptacle and a shorting cap included in all configurations
- CCT and Power select switches are located underneath the housing and are easily accessible on field
- Integrated sensor receptacle makes for easy plug-and-play installation of smart and non-smart sensors. No wiring required. Sensors are sold separately, see accessories table

- 1 meter of power cable to better facilitate the installation included in all configurations

Lens/Optics

- A frosted polycarbonate lens in a nema 7Hx7V distribution is standard for this series. Area lights optics are available as an accessory: II, III, IV and V.

Mounting








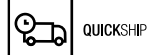






- Quick and easy installation with the following mounting accessories available:
 - Yoke
 - Trunnion
 - Slipfitter
 - Square/Round pole arm
 - Slipfitter with wall/pole mount adapter

PERFORMANCE DATA

- Available in a 2 200 K color temperature and in 3 000/4 000/5 000 K selectable color temperature
- 80+ CRI
- Electrical ratings: 120-347 V
- Estimated life of over 100 000 hours to L70
- 0-10 V dimming driver Dimming cables included with this luminaire
- 6kV surge protection [standard].
- Operating temperature: -40 °C to 50 °C (-40 °F to 122 °F)
- 10kV surge protection

COMPLIANCE

- cULus listed for wet location
- Meets requirements of ICES-005 issue 5 class A for use in commercial applications
- IK08
- IP65
- BC Hydro
- 3G vibration resistant in compliance with ANSI/IEEE C136.31 standard for luminaire vibration
- DLC Premium
- Dark Sky

OVERVIEW			
LIGHT SOURCE	LED	EFFICIENCY (LM/W)	122 - 164
WATTS [W]	60/100/150 160/200/240/300 350/400/450	COLOR TEMPERATURE [K]	2 200 3CCT (3 000/4 000/5 000)
LUMEN OUTPUT [LM]	8 017 - 62 598	CRI	80+
<div>               </div>			

¹ CCT selectable available on certain models. Consult Quick ship table for more details.

² Applicable to 2 200K color temperature models coming with a straight pole arm mount.

Not all products are qualified on the DLC QPL. To view our DLC qualified products, please consult the DLC Qualified Products List at www.designlights.org/search.

Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions.

All products are subject to change or may be discontinued any time without notice.

QUICK SHIP ORDERING GUIDE



MODEL NUMBER	DLC UNIQUE ID	WATTS [W]	VOLTS [VAC]	COLOR TEMP. [K] ¹	LUMEN OUTPUT [LM] ^{2,3}	EFFI- CIENCY [LM/W]	CRI	LIFE L70 [HRS] ⁴	TESTED HOURS LM-80 [HRS] ⁴	CALCU- LATED TM21 [HRS] ⁴	NEMA TYPE ⁵	B.U.G.	LED CUR- RENT [MA]	FINISH	POWER FACTOR	THD [%]	TRADITIONAL EQUIV- ALENT [W] MH	HPS	MAS- TER CASE QTY
CCT AND POWER SELECT																			
FSBS-PS150W-323CBR	S-C8WRVX	60/100/150	120-347	3 000/ 4 000/ 5 000	22 137	148	80+	100 000	10 000	>60 000	7H X 7V	B4-U0-G1	54.5	BRONZE	≥0.9	≤20%	400 - 1 000	400	1
FSBM-PS300W-323CBR	S-Y4MMYR	160/200/240/300	120-347	3 000/ 4 000/ 5 000	43 985	147	80+	100 000	10 000	>60 000	7H X 7V	B5-U0-G2	54.5	BRONZE	≥0.9	≤20%	400 - 1 000	1 000	1
FSBL-PS450W-323CBR	S-B002C5	350/400/450	120-347	3 000/ 4 000/ 5 000	62 645	139	80+	100 000	10 000	>60 000	7H X 7V	B5-U0-G2	54.5	BRONZE	≥0.9	≤20%	1 000	1 000	1
FSBS-PS150W-323CBK	S-C8WRVX	60/100/150	120-347	3 000/ 4 000/ 5 000	22 137	148	80+	100 000	10 000	>60 000	7H X 7V	B4-U0-G1	54.5	BLACK	≥0.9	≤20%	400 - 1 000	400	1
FSBM-PS300W-323CBK	S-Y4MMYR	160/200/240/300	120-347	3 000/ 4 000/ 5 000	43 985	147	80+	100 000	10 000	>60 000	7H X 7V	B5-U0-G2	54.5	BLACK	≥0.9	≤20%	400 - 1 000	1 000	1
FSBL-PS450W-323CBK	S-B002C5	350/400/450	120-347	3 000/ 4 000/ 5 000	62 645	139	80+	100 000	10 000	>60 000	7H X 7V	B5-U0-G2	54.5	BLACK	≥0.9	≤20%	1 000	1 000	1
SINGLE CCT AND POWER SELECT																			
FSBS-PS150W3222KBR	N/A	60/100/150	120-347	2 200	17 702	123	80+	100 000	10 000	>60 000	7H X 7V	B4-U0-G1	54.5	BRONZE	≥0.9	≤20%	400 - 1 000	250 - 400	1
FSBM-PS300W3222KBR	N/A	160/200/240/300	120-347	2 200	36 372	122	80+	100 000	10 000	>60 000	7H X 7V	B5-U0-G2	54.5	BRONZE	≥0.9	≤20%	400 - 1 000	400 - 1 000	1

¹ Typical color temperature range: +/- 5 %.

² Lumen values are derived from photometric testing. Initial lumens range: +/- 10 %.

³ Lumen values are based on 4 000 K default programming for CCT selectable models. Please refer to the LUMEN SPECIFICATION TABLE for more details on other color temperatures.

⁴ Life hours are derived from IESNA LM-80 testing report and projected per IESNA TM-21 extrapolations

⁵ Type II, III, IV and V distributions available. Refer to accessory table.

CCT AND POWER SELECTABLE TECHNICAL SPECIFICATION TABLE



MODEL NUMBERS	WATTS [W]	NEMA TYPE	3 000 K		4 000 K		5 000 K	
			LUMEN OUTPUT [LM]	EFFICACY [LM/W]	LUMEN OUTPUT [LM]	EFFICACY [LM/W]	LUMEN OUTPUT [LM]	EFFICACY [LM/W]
FSBS-PS150W-323CBR	60	7H X 7V	8 814	147	9 355	156	9 200	153
FSBS-PS150W-323CBK	100		14 480	145	15 801	158	15 441	154
	150		19 750	132	22 137	148	21 065	140
FSBM-PS300W-323CBR	160	7H X 7V	24 047	150	26 182	164	25 918	162
FSBM-PS300W-323CBK	200		28 950	145	31 848	159	31 140	156
	240		32 848	137	36 562	152	35 338	147
	300		38 639	129	43 965	147	41 797	139
FSBL-PS450W-323CBR	350	7H X 7V	45 589	130	50 140	143	48 900	140
FSBL-PS450W-323CBK	400		49 065	123	54 217	136	52 254	131
	450		56 253	125	62 645	139	59 665	133

DEFAULT PROGRAMMING

FSBS-PS150W-323CBR / FSBS-PS150W-323CBK: 150 W / 4 000 K

FSBM-PS300W-323CBR / FSBM-PS300W-323CBK: 300 W / 4 000 K

FSBL-PS450W-323CBR / FSBL-PS450W-323CBK: 450 W / 4 000 K

ACCESSORIES (ORDER SEPARATELY)

MODEL NUMBER	TYPE	FINISH	COMPATIBLE WITH
GS012-S-BR	GLARESHIELD FOR 150 W MODELS	BRONZE	FLLS-PS150W-Q3CBR FSBS-PS150W3222KBR
GS012-M-BR	GLARESHIELD FOR 300 W MODELS	BRONZE	FLLM-PS300W-Q3CBR FSBM-PS300W3222KBR
GS012-L-BR	GLARESHIELD FOR 450 W MODELS	BRONZE	FLLL-PS450W-Q3CBR
CAS1013-YOKE-S-BR	YOKE MOUNT FOR 150 W MODELS	BRONZE	FLLS-PS150W-Q3CBR FSBS-PS150W3222KBR
CAS1013-YOKE-M-BR	YOKE MOUNT FOR 300 W MODELS	BRONZE	FLLM-PS300W-Q3CBR FSBM-PS300W3222KBR
CAS1013-YOKE-L-BR	YOKE MOUNT FOR 450 W MODELS	BRONZE	FLLL-PS450W-Q3CBR
CAS1013-TRUNNIONBR	TRUNNION	BRONZE	FLLS-PS150W-Q3CBR FLLM-PS300W-Q3CBR FLLL-PS450W-Q3CBR FSBS-PS150W3222KBR FSBM-PS300W3222KBR
CAS1013-SFITTERSBR	SLIPFITTER FOR 150W AND 300 W MODELS	BRONZE	FLLS-PS150W-Q3CBR FLLM-PS300W-Q3CBR FSBS-PS150W3222KBR FSBM-PS300W3222KBR
CAS1013-SFITTERLBR	SLIPFITTER FOR 450 W MODELS	BRONZE	FLLL-PS450W-Q3CBR
CAS1013-RNDSQPBR	STRAIGHT ARM FOR SQUARE/ ROUND POLE	BRONZE	FLLS-PS150W-Q3CBR FLLM-PS300W-Q3CBR FLLL-PS450W-Q3CBR FSBS-PS150W3222KBR FSBM-PS300W3222KBR
KITCAS1013-SWADSBR	SLIPFITTER WITH WALL/POLE MOUNT ADAPTER FOR 150 W AND 300 W MODELS	BRONZE	FLLS-PS150W-Q3CBR FLLM-PS300W-Q3CBR FSBS-PS150W3222KBR FSBM-PS300W3222KBR
KITCAS1013-SWADLBR	SLIPFITTER WITH WALL/POLE MOUNT ADAPTER FOR 450 W MODELS	BRONZE	FLLL-PS450W-Q3CBR
GS012-S-BK	GLARESHIELD FOR 150 W MODELS	BLACK	FLLS-PS150W-Q3CBK
GS012-M-BK	GLARESHIELD FOR 300 W MODELS	BLACK	FLLM-PS300W-Q3CBK
GS012-L-BK	GLARESHIELD FOR 450 W MODELS	BLACK	FLLL-PS450W-Q3CBK
CAS1013-YOKE-S-BK	YOKE MOUNT FOR 150 W MODELS	BLACK	FLLS-PS150W-Q3CBK
CAS1013-YOKE-M-BK	YOKE MOUNT FOR 300 W MODELS	BLACK	FLLM-PS300W-Q3CBK
CAS1013-YOKE-L-BK	YOKE MOUNT FOR 450 W MODELS	BLACK	FLLL-PS450W-Q3CBK
CAS1013-TRUNNIONBK	TRUNNION	BLACK	FLLS-PS150W-Q3CBK FLLM-PS300W-Q3CBK FLLL-PS450W-Q3CBK
CAS1013-SFITTERSBK	SLIPFITTER FOR 150W AND 300 W MODELS	BLACK	FLLS-PS150W-Q3CBK FLLM-PS300W-Q3CBK
CAS1013-SFITTERLBK	SLIPFITTER FOR 450 W MODELS	BLACK	FLLL-PS450W-Q3CBK
CAS1013-RNDSQPBK	STRAIGHT ARM FOR SQUARE/ ROUND POLE	BLACK	FLLS-PS150W-Q3CBK FLLM-PS300W-Q3CBK FLLL-PS450W-Q3CBK
KITCAS1013-SWADSBK	SLIPFITTER WITH WALL/POLE MOUNT ADAPTER FOR 150 W AND 300 W MODELS	BLACK	FLLS-PS150W-Q3CBK FLLM-PS300W-Q3CBK
KITCAS1013-SWADLBK	SLIPFITTER WITH WALL/POLE MOUNT ADAPTER FOR 450 W MODELS	BLACK	FLLL-PS450W-Q3CBK
LEN412-S-T2	TYPE II DISTRIBUTION LENS FOR 150 W MODELS	N/A	FLLS-PS150W-Q3CBR FLLS-PS150W-Q3CBK
LEN412-S-T3	TYPE III DISTRIBUTION LENS FOR 150 W MODELS	N/A	FLLS-PS150W-Q3CBR FLLS-PS150W-Q3CBK
LEN412-S-T4	TYPE IV DISTRIBUTION LENS FOR 150 W MODELS	N/A	FLLS-PS150W-Q3CBR FLLS-PS150W-Q3CBK
LEN412-S-T5	TYPE V DISTRIBUTION LENS FOR 150 W MODELS	N/A	FLLS-PS150W-Q3CBR FLLS-PS150W-Q3CBK
LEN412-M-T2	TYPE II DISTRIBUTION LENS FOR 300 W MODELS	N/A	FLLM-PS300W-Q3CBR FLLM-PS300W-Q3CBK
LEN412-M-T3	TYPE III DISTRIBUTION LENS FOR 300 W MODELS	N/A	FLLM-PS300W-Q3CBR FLLM-PS300W-Q3CBK
LEN412-M-T4	TYPE IV DISTRIBUTION LENS FOR 300 W MODELS	N/A	FLLM-PS300W-Q3CBR FLLM-PS300W-Q3CBK
LEN412-M-T5	TYPE V DISTRIBUTION LENS FOR 300 W MODELS	N/A	FLLM-PS300W-Q3CBR FLLM-PS300W-Q3CBK
LEN412-L-T2	TYPE II DISTRIBUTION LENS FOR 450 W MODELS	N/A	FLLL-PS450W-Q3CBR FLLL-PS450W-Q3CBK
LEN412-L-T3	TYPE III DISTRIBUTION LENS FOR 450 W MODELS	N/A	FLLL-PS450W-Q3CBR FLLL-PS450W-Q3CBK
LEN412-L-T4	TYPE IV DISTRIBUTION LENS FOR 450 W MODELS	N/A	FLLL-PS450W-Q3CBR FLLL-PS450W-Q3CBK
LEN412-L-T5	TYPE V DISTRIBUTION LENS FOR 450 W MODELS	N/A	FLLL-PS450W-Q3CBR FLLL-PS450W-Q3CBK
OSI-EFS07-AUX ¹	EXTERNAL PIR SENSOR KIT OSI-EFS07-AUX	N/A	ALL CONFIGURATIONS
OSI-EFS06R ¹	EXTERNAL HIGH FREQUENCY SENSOR KIT EFS06R	N/A	ALL CONFIGURATIONS
OSI-PIR106	BLUETOOTH MESH PIR SENSOR	N/A	ALL CONFIGURATIONS

¹ To change factory setting, purchase remote OSI-RM51 (sold separately)

BLACK

BRONZE

Glare shield

Yoke

Trunnion

Slipfitter

Straight arm
for square/
round pole

Slipfitter
with wall/pole
mount adapter



MLF GEN. 2

LED FLOOD LIGHT

CCT AND POWER SELECTABLE

INTEGRATED PHOTOCELL¹

The MLF GEN. 2 series is a family of highly efficient and affordable compact flood lights featuring the latest in LED technology by allowing the user to control the color temperature and power via field adjustable integrated switches. This series is coming with one pre-installed mounting, knuckle or slipfitter, and comes with a yoke mount as well. To better suit the 25 W and 60 W flood light applications an extra wall mount plate is included as well. Typical applications include both commercial and residential environment: backyards, walkways as well as flood lighting of signs and building fronts.



INCLUDED IN THE BOX



Wall mount plate²

Yoke mount

² Included with 25 W and 60 W models only

FEATURES & SPECIFICATIONS

CONSTRUCTION

Physical Characteristics

- Die-cast aluminum housing available in a black finish.
- CCT and power select switches are located at the back of the housing.
- ON/OFF integrated photocell that can be easily disabled available on the 60 W, 100 W and 150 W models.

Mounting

- A 1/2" NPT knuckle mount is installed on the 25 W and 60 W models and includes a yoke mount bracket and a wall mount plate.
- A slipfitter mount (inner Ø 2.44") is installed on the 100 W and 150 W models and includes a yoke mount bracket.

Lens/Optic



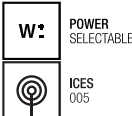




- Each model comes with a tempered glass lens available in a nema distribution 7Hx6V

PERFORMANCE DATA

- Available in 3 000/4 000/5 000 K selectable color temperature
- 80+ CRI
- Electrical ratings: 120-347 V
- Estimated life of over 50 000 hours to L70
- 0-10 V dimming standard
- 2.5 kV surge protection for 25 W and 60 W models and 6 kV surge protection for 100 W and 150 W models.
- Operating temperature: -40 °C to 50 °C [-40 °F to 122 °F]

COMPLIANCES

- cULus listed for wet locations
- Meets requirements of ICES-005 issue 5 class B for use in residential applications
- BC Hydro
- IP65
- IK07
- DLC Premium

OVERVIEW			
LIGHT SOURCE	LED	EFFICIENCY (LM/W)	116 - 170
WATTS [W]	15/25 35/60 60/80/100 100/120/150	COLOR TEMPERATURE [K]	3 000/4 000/5 000
LUMEN OUTPUT [LM]	1 964 - 23 258	CRI	80+
<div>        </div>			

MLF GEN. 2

QUICK SHIP ORDERING GUIDE



PART NO.	WATTS	VOLTS	COLOR TEMP.	LUMEN OUTPUT	EFFICIENCY	CRI	LIFE L70	TESTED HOURS LM-80	CALCULATED TM21	NEMA type	B.U.G.	EPA	LED Current	FINISH	PHOTOCELL	POWER FACTOR	THD	MASTER CASE QTY
	[W]	[VAC]	[K] ¹	[LM] ^{2,3}	[LM/W]		[HRS] ⁴	[HRS] ⁴	[HRS] ⁴			[ft2]			[YES/NO]		[%]	
CCT AND POWER SELECTABLE WITH INTEGRATED PHOTOCELL⁵																		
MLFPS25B323CBK	15/25	120-347	3 000/4 000/5 000	3 396	136	80+	50 000	9 000	140 000	7HX6V	B1 U0 G1	0.18	0.25	BLACK	NO	≥0.87	≤25	10
MLFPS60B323CBKP	35/60	120-347	3 000/4 000/5 000	8 453	141	80+	50 000	9 000	140 000	7HX6V	B3 U0 G1	0.42	0.6	BLACK	YES	≥0.87	≤25	10
MLFPS100B323CBKP	60/80/100	120-347	3 000/4 000/5 000	15 806	158	80+	50 000	9 000	140 000	7HX6V	B3 U0 G1	0.6	1	BLACK	YES	≥0.87	≤25	5
MLFPS150B323CBKP	100/120/150	120-347	3 000/4 000/5 000	23 258	155	80+	50 000	9 000	140 000	7HX6V	B3 U0 G1	0.6	1.5	BLACK	YES	≥0.87	≤25	5

¹ Typical color temperature range: +/- 5 %.

² Lumen values are derived from photometric testing. Initial lumens range: +/- 10 %.

³ Lumen values are based on 4 000 K default programming. Please refer to the LUMEN SPECIFICATION TABLE for more details on other color temperatures.

⁴ Life hours are derived from IESNA LM-80 testing report and projected per IESNA TM-21 extrapolations.

⁵ Integrated ON/OFF photocell that can be easily disabled on selected models.

DLC UNIQUE ID TABLE

PART NO.	DLC PREMIUM UNIQUE ID ¹
MLFPS25B323CBK	S-ZJNN2B
MLFPS60B323CBKP	S-XQFY7N
MLFPS100B323CBKP	S-FHM7KJ
MLFPS150B323CBKP	S-32263M

¹ Typical color temperature range: +/- 5 %.

LUMEN SPECIFICATION TABLE

PART NO.	WATTS [W]	3 000 K			4 000 K			5 000 K		
		LUMEN OUTPUT [LM]	EFFICACY [LM/W]	LED CURRENT [mA]	LUMEN OUTPUT [LM]	EFFICACY [LM/W]	LED CURRENT [mA]	LUMEN OUTPUT [LM]	EFFICACY [LM/W]	LED CURRENT [mA]
MLFPS25B323CBK	15	1 964	131	55	2 126	142	55	2 114	141	55
	25	2 910	116	92	3 396	136	92	3 274	131	92
MLFPS60B323CBKP	35	5 163	148	38	5 534	158	38	5 595	160	38
	60	7 657	128	65	8 453	141	65	8 447	141	65
MLFPS100B323CBKP	60	9 738	162	35	10 188	170	35	10 185	170	35
	80	12 515	156	46	13 435	168	46	13 214	165	46
	100	14 774	148	58	15 806	158	58	15 162	152	58
MLFPS150B323CBKP	100	15 659	157	22	16 766	168	22	16 313	163	22
	120	17 681	147	27	19 183	160	27	18 630	155	27
	150	21 047	140	34	23 258	155	34	21 884	146	34

DEFAULT PROGRAMMING

MLFPS25B323CBK: 25 W / 4 000 K

MLFPS60B323CBKP: 60 W / 4 000 K

MLFPS100B323CBKP: 100 W / 4 000 K

MLFPS150B323CBKP: 150 W / 4 000 K

COMPATIBLE DIMMERS

BRAND	MODEL NUMBER
LEVITON	DS710, DD710, AWSMT-70W
LEGRAND	RH4FBL3PW, WS4FBL3P
LUTRON	NFTV, NTSTV, DVTV

Dimming range: 0%-100%

¹ The above table shows dimmers that have been tested and have demonstrated proper operation under normal conditions. Each installation being unique, various factors such as load, common neutrals or other electrical products on the circuit can, in certain instances, cause variance in system performance. Read and comply to the dimmer installation instructions. Consult dimming system manufacturer for additional support in operation. Amlite recommends to use dimmers designed to work with LED products. Older dimmers designed for incandescent products may cause erratic operation. Some dimmers may require more than one product for stable operation. The maximum number of products is determined by the dimmer wattage rating with LEDs. Be careful, these dimmers have different ratings depending on the product type. Again, refer to the dimmer installation instructions.

EPA

MOUNTING TYPE	FIXTURE TILT	POWER					
			SINGLE	2 @ 180°	2 @ 90°	3 @ 90°	4 @ 90°
SLIPFITTER	45°	100 W	0.68 ft²	1.32 ft²	1.32 ft²	2.04 ft²	2.72 ft²
		150 W	0.94 ft²	1.88 ft²	1.88 ft²	2.82 ft²	3.76 ft²
	60°	100 W	0.54 ft²	1.08 ft²	1.08 ft²	1.62 ft²	2.16 ft²
		150 W	0.70 ft²	1.40 ft²	1.40 ft²	2.10 ft²	2.80 ft²

ORION

LED SPORTS LIGHT

3 POWER SELECTABLE

The Orion LED sports light is an efficient luminaire which performs well under any condition due to its high quality heat sink and its anti-corrosion finish. This luminaire was built with a gasket designed to protect the electrical components against liquid and solid ingress. The Orion is a great solution for any recreational outdoor sports field.



FEATURES & SPECIFICATIONS

CONSTRUCTION

Physical Characteristics

- Die-cast aluminum housing available in a black finish
- High quality heat sink to ensure proper heat dissipation
- Easy access to the power selectable switch located on the top of the luminaire
- Comes with 5ft. of power cable length
- A glare shield and laser pointer are available as accessories
- All configurations come standard with a 7 pin receptacle and shorting cap. 3-pin and 7-pin photocells available as accessories

Mounting

- The luminaire comes with a yoke mounting installed
- Slipfitter (inner Ø 2.44") available as an accessory

Lens/Optics

- Polycarbonate frosted lens is standard for all configurations
- Available in a Nema 3x3 or Nema 5x5 distributions, standard
- Nema 7x7 distribution is available upon request on the 600 W models

PERFORMANCE DATA












- Available in 4 000 K as standard and 5 000 K color temperatures
- 70+ CRI for true color accuracy
- Electrical ratings: 120-347, 120-277 V and 200-480 V
- Estimated life of 150 000 hours to L70
- 0-10 V dimming
- 20 kV surge protection
- Operating temperature: -40 °C to 45 °C [-40 °F to 113 °F]

COMPLIANCE

- cULus listed for Canada and USA
- cULus listed for wet locations
- Meets requirements of ICES-005 issue 5 class A for use in commercial applications
- IP65
- IK08
- NEMA 4X
- 3G vibration resistant in compliance with ANSI/ IEEE C136.31 standard for luminaire vibration

OVERVIEW

LIGHT SOURCE	LED	EFFICIENCY (LM/W)	140 - 158
WATTS [W]	400/500/600 600/800/1 000	COLOR TEMPERATURE [K]	4 000, 5 000
LUMEN OUTPUT [LM]	57 559 - 88 554 88 154 - 147 425	CRI	70+

QUICK SHIP ORDERING GUIDE



PRODUCT NUMBER	WATTS [W]	VOLTS [VAC]	COLOR TEMP. [K] ¹	LUMEN OUTPUT [LM] ²	EFFI- CACY [LM/W]	CRI	LIFE L70 [HRS] ³	TESTED HOURS LM-80 [HRS] ³	NEMA TYPE	BUG	EPA [FT ²] ⁴	LED CURRENT [MA]	FINISH	PHOTO- CELL [YES/NO]	TRAD. EQUI- VALENT [W]		MASTER CASE QTY
															MH	HPS	
ORN-PS600-3	400/500/600	120-347	4 000	57 559/68 674/85 178	140	70+	150 000	10 000	3X3	B5-U0-G1	1.6	126-190	BLACK	NO	1 000	1 000	1
ORN-PS1000-3	600/800/1 000	200-480	4 000	91 893/119 450/144 977	143	70+	150 000	10 000	3X3	B5-U0-G2	3.3	146-155	BLACK	NO	1 000	1 000	1
ORN-PS600-5	400/500/600	120-347	4 000	63 067/74 631/88 554	146	70+	150 000	10 000	5X5	B5-U0-G1	1.6	126-190	BLACK	NO	1 000	1 000	1
ORN-PS1000-5	600/800/1 000	200-480	4 000	88 154/114 520/147 425	145	70+	150 000	10 000	5X5	B5-U0-G2	3.3	140-149	BLACK	NO	1 000	1 000	1

¹ Typical color temperature range: +/- 5 %.

² Lumen values are derived from photometric testing. Initial lumens range: +/- 10 %.

³ Life hours are derived from IESNA LM-80 testing report and projected per IESNA TM-21 extrapolations.

⁴ Sports light positioned at a 0° tilt.

FBL

LED BULLET FLOOD LIGHT WITH SELECTABLE BEAM ANGLE

3 CCT AND 3 POWER SELECTABLE INTEGRATED PHOTOCELL

The FBL series is a flexible flood light designed to adjust luminous flux, color temperature, and beam angle to optimize performance for various applications. It also features a photocell for enhanced energy efficiency. This luminaire is typically used for commercial landscaping applications as well as flood lighting of signs and facades.



FEATURES & SPECIFICATIONS

CONSTRUCTION

Physical Characteristics

- Die-cast aluminum housing, available in a black finish.
- Integrated button type photocell that can be easily disabled via a switch
- CCT and power select switches are easily accessible

Lens/Optic

- Clear polycarbonate lens including field selectable beam angles (4Hx4V / 5Hx5V / 6Hx6V).

Mounting




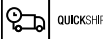








- Comes standard with a knuckle mount and an optional ground spike.

PERFORMANCE DATA

- Available in 3 000/4 000/5 000 K selectable color temperature
- 80+ CRI
- Electrical ratings: 120-347 V
- Estimated life of over 54 000 hours to L70
- 0-10 V dimming standard
- 4 kV surge protection
- Operating temperature: -40 °C to 45 °C [-40 °F to 113 °F]

COMPLIANCES

- cETLus listed for Canada and USA
- Listed for wet locations
- Meets requirements of ICES-005 issue 5 class B for use in residential applications
- IP65
- IK10

OVERVIEW			
LIGHT SOURCE	LED	EFFICIENCY (LM/W)	137 - 157
WATTS [W]	15/20/25	COLOR TEMPERATURE [K]	3 000/4 000/5 000
LUMEN OUTPUT [LM]	2 008 - 3 442	CRI	80+
<div>        </div> <div>      </div>			

QUICK SHIP AND TECHNICAL SPECIFICATION TABLE



PART NUMBER	WATTS [W]	VOLTS [V AC]	COLOR TEMP. [K] ¹	LUMEN OUTPUT [LM] ^{2,3}	EFFICACY [LM/W]	CRI	LIFE L70 [HRS] ⁴	TESTED HOURS LM-80 [HRS] ⁴	NEMA TYPE [HXV]	B.U.G.	FINISH	PHOTOCELL [YES/NO] ⁵	PF	THD [%]	TRADITIONAL EQUIVALENT [W]	MASTER CASE QTY
CCT AND POWER SELECTABLE WITH INTEGRATED PHOTOCELL																
FBL-PS25-32-3C-BK	15/20/25	120-347	3 000/ 4 000/ 5 000	2 084/ 2 738/ 3 199	141	80+	54 000	9 000	4X4/5X5/6X6	B2-U1-G0	BLACK	YES	>0.9	<20	70-100	16

¹ Typical color temperature range: +/- 5 %.

² Lumen values are derived from photometric testing. Initial lumens range: +/- 10 %.

³ Lumen values are based on 4 000 K default programming. Please refer to the LUMEN SPECIFICATION TABLE for more details on other color temperatures.

⁴ Life hours are derived from IESNA LM-80 testing report and projected per IESNA TM-21 extrapolations.

⁵ Integrated ON/OFF photocell that can be easily disabled.

LUMEN SPECIFICATION TABLE

WATTS [W]	NEMA TYPE	3 000 K			4 000 K			5 000 K		
		LUMEN OUTPUT [LM]	EFFICACY [LM/W]	LED CURRENT [MA]	LUMEN OUTPUT [LM]	EFFICACY [LM/W]	LED CURRENT [MA]	LUMEN OUTPUT [LM]	EFFICACY [LM/W]	LED CURRENT [MA]
15	4Hx4V	2 008	137	124	2 084	145	122	2 034	138	125
	5Hx5V	2 180	147	125	2 267	157	122	2 194	148	125
	6Hx6V	2 213	150	124	2 273	157	122	2 197	149	125
20	4Hx4V	2 634	133	166	2 738	142	162	2 626	132	166
	5Hx5V	2 844	143	167	2 945	152	163	2 824	142	167
	6Hx6V	2 901	146	167	2 989	155	162	2 836	143	167
25	4Hx4V	3 026	130	196	3 199	141	191	3 254	137	199
	5Hx5V	3 233	139	196	3 383	149	190	3 229	138	196
	6Hx6V	3 307	142	195	3 442	152	190	3 261	140	196

DEFAULT PROGRAMMING

25 W / 4 000 / 4x4

ACCESSORY (ORDER SEPARATELY)

MODEL NUMBER	DESCRIPTION
CAS1024	GROUND SPIKE



COMPATIBLE DIMMERS¹


BRAND	MODEL NUMBER
LUTRON	DVSTV, NTSTV-DV, DVTV
LEVITON	AWSMT-7DW, DD710-BDZ, DS710-10Z
LEGRAND	WS4FBL3PTC, RH4FBL3PTC
COOPER	SF10P
HUBBELL	LHD-IRS3-N-WH

Dimming range: 10 % - 100 %

¹ This table shows dimmers that have been tested and have demonstrated proper operation under normal conditions. Each installation being unique, various factors such as load, common neutrals or other electrical products on the circuit can, in certain instances, cause variance in system performance. Read and comply to the dimmer installation instructions. Consult dimming system manufacturer for additional support in operation. Some dimmers may require more than one product for stable operation. AimLite recommends to use dimmers designed to work with LED products. Older dimmers designed for incandescent products may cause erratic operation.



AREA LIGHTS

Visit [AimLite.com](https://aimlite.com) for more information about our area lights 

FSB

HIGH POWER FLOOD AND AREA LIGHTS

CCT AND POWER SELECTABLE¹

These high-power flood lights are designed with ease of installation due to the slide on feature for mounting options and they allow for optic interchangeability to suit different applications. The color temperature and the power can be changed on site by sliding the CCT selectable switches. For energy savings and enhanced safety, this product series

Bronze



Black



comes with a 7 pin photocell receptacle for the ability to add a dusk till dawn photocell and includes a sensor adapter compatible with both smart and non-smart sensors. The FSB series is great for general lighting of grounds, storage yards, car dealerships, parking areas as well as flood lighting of signs and building facades.

FEATURES & SPECIFICATIONS

CONSTRUCTION

Physical Characteristics

- Die-cast aluminum housing, available in a black and bronze finish
- Housing design includes 2 front latches to facilitate the exchange of optic
- 7 pin photocell receptacle and a shorting cap included in all configurations
- CCT and Power select switches are located underneath the housing and are easily accessible on field
- Integrated sensor receptacle makes for easy plug-and-play installation of smart and non-smart sensors. No wiring required. Sensors are sold separately, see accessories table

- 1 meter of power cable to better facilitate the installation included in all configurations

Lens/Optics

- A frosted polycarbonate lens in a nema 7Hx7V distribution is standard for this series. Area lights optics are available as an accessory: II, III, IV and V.

Mounting














- Quick and easy installation with the following mounting accessories available:
 - Yoke
 - Trunnion
 - Slipfitter
 - Square/Round pole arm
 - Slipfitter with wall/pole mount adapter

PERFORMANCE DATA

- Available in a 2 200 K color temperature and in 3 000/4 000/5 000 K selectable color temperature
- 80+ CRI
- Electrical ratings: 120-347 V
- Estimated life of over 100 000 hours to L70
- 0-10 V dimming driver Dimming cables included with this luminaire
- 6kV surge protection (standard).
- Operating temperature: -40 °C to 50 °C (-40 °F to 122 °F)
- 10kV surge protection

COMPLIANCE

- cULus listed for wet location
- Meets requirements of ICES-005 issue 5 class A for use in commercial applications
- IK08
- IP65
- 3G vibration resistant in compliance with ANSI/IEEE C136.31 standard for luminaire vibration
- DLC Premium

OVERVIEW			
LIGHT SOURCE	LED	EFFICIENCY (LM/W)	122 - 164
WATTS [W]	60/100/150 160/200/240/300 350/400/450	COLOR TEMPERATURE [K]	2 200 3CCT (3 000/4 000/5 000)
LUMEN OUTPUT [LM]	8 017 - 62 598	CRI	80+
<div>  <div>  3CCT SELECTABLE </div> <div>  2 200 K CCT/TCC </div> <div>  POWER SELECTABLE </div> <div>  QUICKSHIP </div> <div>  LED </div> <div>  DIMMABLE </div> <div>  WET LOCATION </div> <div>  65 CERTIFICATION IP </div> <div>  IK08 ABSORPTION D'IMPACT </div> <div>  ICES 005 </div> <div>  DLC LISTED PREMIUM </div> <div>  UL CERTIFIED </div> </div>			

¹ CCT selectable available on certain models. Consult Quick ship table for more details.

Not all products are qualified on the DLC QPL. To view our DLC qualified products, please consult the DLC Qualified Products List at www.designlights.org/search.

Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions.

All products are subject to change or may be discontinued any time without notice.

QUICK SHIP ORDERING GUIDE



MODEL NUMBER	DLC UNIQUE ID	WATTS [W]	VOLTS [VAC]	COLOR TEMP. [K] ¹	LUMEN OUTPUT [LM] ^{2,3}	EFFI- CIENCY [LM/W]	CRI	LIFE L70 [HRS] ⁴	TESTED HOURS LM-80 [HRS] ⁴	CALCU- LATED TM21 [HRS] ⁴	NEMA TYPE ⁵	B.U.G.	LED CUR- RENT [MA]	FINISH	POWER FACTOR	THD [%]	TRADITIONAL EQUIV- ALENT [W] MH	HPS	MAS- TER CASE QTY
CCT AND POWER SELECT																			
FSBS-PS150W-323CBR	S-C8WRVX	60/100/150	120-347	3 000/ 4 000/ 5 000	22 137	148	80+	100 000	10 000	>60 000	7H X 7V	B4-U0-G1	54.5	BRONZE	≥0.9	≤20%	400 - 1 000	400	1
FSBM-PS300W-323CBR	S-Y4MMYR	160/200/240/300	120-347	3 000/ 4 000/ 5 000	43 985	147	80+	100 000	10 000	>60 000	7H X 7V	B5-U0-G2	54.5	BRONZE	≥0.9	≤20%	400 - 1 000	1 000	1
FSBL-PS450W-323CBR	S-B002C5	350/400/450	120-347	3 000/ 4 000/ 5 000	62 645	139	80+	100 000	10 000	>60 000	7H X 7V	B5-U0-G2	54.5	BRONZE	≥0.9	≤20%	1 000	1 000	1
FSBS-PS150W-323CBK	S-C8WRVX	60/100/150	120-347	3 000/ 4 000/ 5 000	22 137	148	80+	100 000	10 000	>60 000	7H X 7V	B4-U0-G1	54.5	BLACK	≥0.9	≤20%	400 - 1 000	400	1
FSBM-PS300W-323CBK	S-Y4MMYR	160/200/240/300	120-347	3 000/ 4 000/ 5 000	43 985	147	80+	100 000	10 000	>60 000	7H X 7V	B5-U0-G2	54.5	BLACK	≥0.9	≤20%	400 - 1 000	1 000	1
FSBL-PS450W-323CBK	S-B002C5	350/400/450	120-347	3 000/ 4 000/ 5 000	62 645	139	80+	100 000	10 000	>60 000	7H X 7V	B5-U0-G2	54.5	BLACK	≥0.9	≤20%	1 000	1 000	1
SINGLE CCT AND POWER SELECT																			
FSBS-PS150W3222KBR	N/A	60/100/150	120-347	2 200	17 702	123	80+	100 000	10 000	>60 000	7H X 7V	B4-U0-G1	54.5	BRONZE	≥0.9	≤20%	400 - 1 000	250 - 400	1
FSBM-PS300W3222KBR	N/A	160/200/240/300	120-347	2 200	36 372	122	80+	100 000	10 000	>60 000	7H X 7V	B5-U0-G2	54.5	BRONZE	≥0.9	≤20%	400 - 1 000	400 - 1 000	1

¹ Typical color temperature range: +/- 5 %.

² Lumen values are derived from photometric testing. Initial lumens range: +/- 10 %.

³ Lumen values are based on 4 000 K default programming for CCT selectable models. Please refer to the LUMEN SPECIFICATION TABLE for more details on other color temperatures.

⁴ Life hours are derived from IESNA LM-80 testing report and projected per IESNA TM-21 extrapolations

⁵ Type II, III, IV and V distributions available. Refer to accessory table.

CCT AND POWER SELECTABLE TECHNICAL SPECIFICATION TABLE



MODEL NUMBERS	WATTS [W]	NEMA TYPE	3 000 K		4 000 K		5 000 K	
			LUMEN OUTPUT [LM]	EFFICACY [LM/W]	LUMEN OUTPUT [LM]	EFFICACY [LM/W]	LUMEN OUTPUT [LM]	EFFICACY [LM/W]
FSBS-PS150W-323CBR	60	7H X 7V	8 814	147	9 355	156	9 200	153
FSBS-PS150W-323CBK	100		14 480	145	15 801	158	15 441	154
	150		19 750	132	22 137	148	21 065	140
FSBM-PS300W-323CBR	160	7H X 7V	24 047	150	26 182	164	25 918	162
FSBM-PS300W-323CBK	200		28 950	145	31 848	159	31 140	156
	240		32 848	137	36 562	152	35 338	147
	300		38 639	129	43 965	147	41 797	139
FSBL-PS450W-323CBR	350	7H X 7V	45 589	130	50 140	143	48 900	140
FSBL-PS450W-323CBK	400		49 065	123	54 217	136	52 254	131
	450		56 253	125	62 645	139	59 665	133

DEFAULT PROGRAMMING

FSBS-PS150W-323CBR / FSBS-PS150W-323CBK: 150 W / 4 000 K

FSBM-PS300W-323CBR / FSBM-PS300W-323CBK: 300 W / 4 000 K

FSBL-PS450W-323CBR / FSBL-PS450W-323CBK: 450 W / 4 000 K

ACCESSORIES (ORDER SEPARATELY)

MODEL NUMBER	TYPE	FINISH	COMPATIBLE WITH
GS012-S-BR	GLARESHIELD FOR 150 W MODELS	BRONZE	FLLS-PS150W-Q3CBR FSBS-PS150W3222KBR
GS012-M-BR	GLARESHIELD FOR 300 W MODELS	BRONZE	FLLM-PS300W-Q3CBR FSBM-PS300W3222KBR
GS012-L-BR	GLARESHIELD FOR 450 W MODELS	BRONZE	FLLL-PS450W-Q3CBR
CAS1013-YOKE-S-BR	YOKE MOUNT FOR 150 W MODELS	BRONZE	FLLS-PS150W-Q3CBR FSBS-PS150W3222KBR
CAS1013-YOKE-M-BR	YOKE MOUNT FOR 300 W MODELS	BRONZE	FLLM-PS300W-Q3CBR FSBM-PS300W3222KBR
CAS1013-YOKE-L-BR	YOKE MOUNT FOR 450 W MODELS	BRONZE	FLLL-PS450W-Q3CBR
CAS1013-TRUNNIONBR	TRUNNION	BRONZE	FLLS-PS150W-Q3CBR FLLM-PS300W-Q3CBR FLLL-PS450W-Q3CBR FSBS-PS150W3222KBR FSBM-PS300W3222KBR
CAS1013-SFITTERSBR	SLIPFITTER FOR 150W AND 300 W MODELS	BRONZE	FLLS-PS150W-Q3CBR FLLM-PS300W-Q3CBR FSBS-PS150W3222KBR FSBM-PS300W3222KBR
CAS1013-SFITTERLBR	SLIPFITTER FOR 450 W MODELS	BRONZE	FLLL-PS450W-Q3CBR
CAS1013-RNDSQPBR	STRAIGHT ARM FOR SQUARE/ ROUND POLE	BRONZE	FLLS-PS150W-Q3CBR FLLM-PS300W-Q3CBR FLLL-PS450W-Q3CBR FSBS-PS150W3222KBR FSBM-PS300W3222KBR
KITCAS1013-SWADSBR	SLIPFITTER WITH WALL/POLE MOUNT ADAPTER FOR 150 W AND 300 W MODELS	BRONZE	FLLS-PS150W-Q3CBR FLLM-PS300W-Q3CBR FSBS-PS150W3222KBR FSBM-PS300W3222KBR
KITCAS1013-SWADLBR	SLIPFITTER WITH WALL/POLE MOUNT ADAPTER FOR 450 W MODELS	BRONZE	FLLL-PS450W-Q3CBR
GS012-S-BK	GLARESHIELD FOR 150 W MODELS	BLACK	FLLS-PS150W-Q3CBK
GS012-M-BK	GLARESHIELD FOR 300 W MODELS	BLACK	FLLM-PS300W-Q3CBK
GS012-L-BK	GLARESHIELD FOR 450 W MODELS	BLACK	FLLL-PS450W-Q3CBK
CAS1013-YOKE-S-BK	YOKE MOUNT FOR 150 W MODELS	BLACK	FLLS-PS150W-Q3CBK
CAS1013-YOKE-M-BK	YOKE MOUNT FOR 300 W MODELS	BLACK	FLLM-PS300W-Q3CBK
CAS1013-YOKE-L-BK	YOKE MOUNT FOR 450 W MODELS	BLACK	FLLL-PS450W-Q3CBK
CAS1013-TRUNNIONBK	TRUNNION	BLACK	FLLS-PS150W-Q3CBK FLLM-PS300W-Q3CBK FLLL-PS450W-Q3CBK
CAS1013-SFITTERSBK	SLIPFITTER FOR 150W AND 300 W MODELS	BLACK	FLLS-PS150W-Q3CBK FLLM-PS300W-Q3CBK
CAS1013-SFITTERLBK	SLIPFITTER FOR 450 W MODELS	BLACK	FLLL-PS450W-Q3CBK
CAS1013-RNDSQPBK	STRAIGHT ARM FOR SQUARE/ ROUND POLE	BLACK	FLLS-PS150W-Q3CBK FLLM-PS300W-Q3CBK FLLL-PS450W-Q3CBK
KITCAS1013-SWADSBK	SLIPFITTER WITH WALL/POLE MOUNT ADAPTER FOR 150 W AND 300 W MODELS	BLACK	FLLS-PS150W-Q3CBK FLLM-PS300W-Q3CBK
KITCAS1013-SWADLBK	SLIPFITTER WITH WALL/POLE MOUNT ADAPTER FOR 450 W MODELS	BLACK	FLLL-PS450W-Q3CBK
LEN412-S-T2	TYPE II DISTRIBUTION LENS FOR 150 W MODELS	N/A	FLLS-PS150W-Q3CBR FLLS-PS150W-Q3CBK
LEN412-S-T3	TYPE III DISTRIBUTION LENS FOR 150 W MODELS	N/A	FLLS-PS150W-Q3CBR FLLS-PS150W-Q3CBK
LEN412-S-T4	TYPE IV DISTRIBUTION LENS FOR 150 W MODELS	N/A	FLLS-PS150W-Q3CBR FLLS-PS150W-Q3CBK
LEN412-S-T5	TYPE V DISTRIBUTION LENS FOR 150 W MODELS	N/A	FLLS-PS150W-Q3CBR FLLS-PS150W-Q3CBK
LEN412-M-T2	TYPE II DISTRIBUTION LENS FOR 300 W MODELS	N/A	FLLM-PS300W-Q3CBR FLLM-PS300W-Q3CBK
LEN412-M-T3	TYPE III DISTRIBUTION LENS FOR 300 W MODELS	N/A	FLLM-PS300W-Q3CBR FLLM-PS300W-Q3CBK
LEN412-M-T4	TYPE IV DISTRIBUTION LENS FOR 300 W MODELS	N/A	FLLM-PS300W-Q3CBR FLLM-PS300W-Q3CBK
LEN412-M-T5	TYPE V DISTRIBUTION LENS FOR 300 W MODELS	N/A	FLLM-PS300W-Q3CBR FLLM-PS300W-Q3CBK
LEN412-L-T2	TYPE II DISTRIBUTION LENS FOR 450 W MODELS	N/A	FLLL-PS450W-Q3CBR FLLL-PS450W-Q3CBK
LEN412-L-T3	TYPE III DISTRIBUTION LENS FOR 450 W MODELS	N/A	FLLL-PS450W-Q3CBR FLLL-PS450W-Q3CBK
LEN412-L-T4	TYPE IV DISTRIBUTION LENS FOR 450 W MODELS	N/A	FLLL-PS450W-Q3CBR FLLL-PS450W-Q3CBK
LEN412-L-T5	TYPE V DISTRIBUTION LENS FOR 450 W MODELS	N/A	FLLL-PS450W-Q3CBR FLLL-PS450W-Q3CBK
OSI-EFS07-AUX ¹	EXTERNAL PIR SENSOR KIT OSI-EFS07-AUX	N/A	ALL CONFIGURATIONS
OSI-EFS06R ¹	EXTERNAL HIGH FREQUENCY SENSOR KIT EFS06R	N/A	ALL CONFIGURATIONS
OSI-PIR106	BLUETOOTH MESH PIR SENSOR	N/A	ALL CONFIGURATIONS

¹ To change factory setting, purchase remote OSI-RM51 (sold separately)

BLACK

BRONZE

Glare shield

Yoke

Trunnion

Slipfitter

Straight arm
for square/
round pole

Slipfitter
with wall/pole
mount adapter

A12K-L GEN. 2 AREA LIGHT

The A12LK-L GEN. 2 series delivers exceptional performance in a slim modern design. With an assortment of mounting options available, it can be used in multiple applications. A simple rotation of the lens allow to direct your light in three different directions. The A12LK-L GEN. 2 includes an easy-to-access driver compartment door. This high-end area light is a great addition to any commercial or industrial area lighting application.



FEATURES AND SPECIFICATIONS

CONSTRUCTION

Housing

- Aluminum Die Cast
- Standard Black with bronze and special colors available upon request
- Powder coat anti-corrosive finish
- Aluminum heat sink for a better heat dissipation
- All configurations come standard with a 3 pin receptacle and shorting cap. 3-pin photo-cell available in accessory.

Mounting options

- Square Pole Arm
- Round Pole Arm
- Slipfitter
- Yoke mount.
- Adjustable arm for square pole and wall mount.

Lens and Optics











- Outfitted with a polycarbonate
- Offered in Type III, IV and V with rotatable lenses to allow for light distribution in various directions.
- House side shield available as an accessory.

PERFORMANCE DATA

- Available in 3 000, 4 000 and 5 000 K single color temperatures
- 80+ CRI
- Electrical ratings: 120-277 V and 347-480 V
- Estimated life of over 50 000 hours to L70
- 0-10 V dimming standard
- 10kV surge protection
- Operating temperature: -40 °C to 40 °C (-40 °F to 104 °F)

COMPLIANCE

- cULus listed for wet locations
- Class B for use in residential applications
- IP66
- IK08
- Meets BC Hydro requirements

OVERVIEW			
LIGHT SOURCE	LED	EFFICACY (LM/W)	149 - 170
WATTS [W]	37, 50, 75, 115, 180, 230, 300, 420	COLOR TEMPERATURE [K]	3 000, 4 000, 5 000
LUMEN OUTPUT [LM]	5 211 - 67 114	CRI	80+
<div>   LED  DIMMABLE  WET LOCATION  IP RATING  IMPACT RESISTANCE  ICES 005    </div>			

A12K-L GEN. 2

ORDERING GUIDE

SERIES	LAMP TYPE	LUMEN PACKAGE [W]	DISTRIBUTION TYPE	VOLTS [V]	COLOR TEMP. [K] ³	CASTING COLOR	MOUNTING OPTIONS ⁴	OPTIONS
A12K	L- LED	A1C - 37 A2C - 50 A3C - 75 A4C - 115 A5C - 180 A6C - 230 A7C - 300 A8C - 420	3 - TYPE III 3R - TYPE III RIGHT 3L - TYPE III LEFT 4 - TYPE IV 4R - TYPE IV RIGHT 4L - TYPE IV LEFT 5 - TYPE V	2 - 120-277 10 - 347-480	30K - 3 000 40K - 4 000 50K - 5 000	BK - BLACK (STANDARD) BR - BRONZE (STANDARD) ³ SP- SPECIAL COLOR	PA6 - 6" ARM FOR SQUARE POLE PA6R - 6" ARM FOR ROUND POLE A - SLIPFITTER TR - YOKE MOUNT AR - ADJUSTABLE ARM FOR SQUARE POLE AND WALL MOUNT	PR7 - 7 PIN PHOTOCELL RECEPTACLE AND SHORTING CAP KV ¹ - 10 KV SURGE PROTECTION OSI-PB-1001 ² - OCCUPANCY SENSOR

¹ Apply only for 347 V as it's comes standard in 120-277 V.

² Occupancy sensor option not available for A7C lumen package in 120-277V and for the A8C lumen package in both voltages.

³ Only models with CCT of 3 000K or lower are DarkSky approved.

⁴ Only models with "PA6" or "PA6R" mountings are DarkSky approved.

OCCUPANCY SENSOR

PART NUMBER	POSITION	VOLTS [V]	TECHNO-LOGY	HEIGHT [FT]	DETECTION AREA [%]	HOLD TIME [MIN]	STAND-BY DIM LEVEL [%]	DAYLIGHT MIN LEVEL	REMOTE	LOCATION [°C]
OSI-PB-1001 ¹	INTERNAL	120-347	PIR	40 MAX	100	15	50	DISABLED	OSI-FSIR-100 ²	WET, -40 TO 75

¹ Lens color options available: Black.

² To be ordered separately.

ACCESSORIES (ORDER SEPARATELY)

ORDER CODE	DESCRIPTION
GS010-S	HOUSE SIDE SHIELD 37-115W
GS010-L	HOUSE SIDE SHIELD 180-420W
PH0033	3-PIN TWIST LOCK PHOTOCELL

* Hardware kit supplied

* Lumens values will depreciate by approximately 50%.
Refer to IES files.

37-115 W



180-420 W








A12K-L GEN. 2

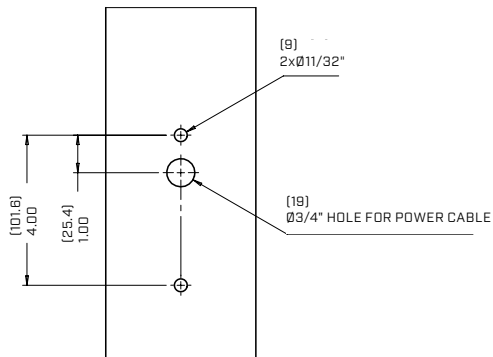
TECHNICAL SPECIFICATION CHART

LUMEN PACKAGE	WATTS [W]	TYPE OF DISTRIB.	VOLTS [V]	FIXTURE CURRENT [A]	3 000 K			4 000 K			5 000 K			POWER FACTOR	THD [%]	BUG	LIFE L70 [HRS]
					LUMEN [LM]	EFFICACY [LM/W]	CRI	LUMEN [LM]	EFFICACY [LM/W]	CRI	LUMEN [LM]	EFFICACY [LM/W]	CRI				
A1C	37	III	120 - 277	0.3 - 0.16	5 211	146	82	5 675	159	82	5 571	156	82	0.99	3.53	101	>54 000
			347 - 480	0.11 - 0.10	5 211	148		5 675	162		5 571	159		0.89	8.94	101	
		IV	120 - 277	0.3 - 0.16	5 274	147		5 743	160		5 637	158		0.99	3.53	101	
			347 - 480	0.11 - 0.10	5 274	150		5 743	164		5 637	160		0.89	8.94	101	
		V	120 - 277	0.3 - 0.16	5 258	147		5 726	160		5 621	157		0.99	3.53	301	
			347 - 480	0.11 - 0.10	5 258	150		5 726	163		5 621	160		0.89	8.94	301	
A2C	50	III	120 - 277	0.44 - 0.21	7 108	135	82	7 740	147	82	7 598	144	82	0.90	18.53	201	>54 000
			347 - 480	0.16 - 0.13	7 108	136		7 740	148		7 598	145		0.95	6.50	201	
		IV	120 - 277	0.44 - 0.21	7 193	137		7 833	149		7 689	146		0.90	18.53	202	
			347 - 480	0.16 - 0.13	7 193	138		7 833	150		7 689	147		0.95	6.50	20	
		V	120 - 277	0.44 - 0.21	7 172	136		7 810	148		7 667	146		0.90	18.53	301	
			347 - 480	0.16 - 0.13	7 172	137		7 810	149		7 667	147		0.95	6.50	302	
A3C	75	III	120 - 277	0.63 - 0.28	12 551	161	83	12 802	164	83	13 053	168	85	0.93	13.38	202	>54 000
			347 - 480	0.22 - 0.16	12 103	161		12 346	165		12 588	168		0.93	11.29	202	
		IV	120 - 277	0.63 - 0.28	12 122	156		12 261	159		12 399	162		0.93	13.88	302	
			347 - 480	0.22 - 0.16	11 814	156		12 051	159		12 287	163		0.93	11.29	302	
		V	120 - 277	0.63 - 0.28	12 487	161		12 737	164		12 987	167		0.93	13.89	402	
			347 - 480	0.22 - 0.16	12 099	161		12 341	165		12 583	168		0.93	11.29	402	
A4C	115	III	120 - 277	0.97 - 0.45	17 767	154	83	18 122	157	83	18 478	160	85	0.93	13.48	303	>54 000
			347 - 480	0.34 - 0.22	17 695	154		18 049	157		18 403	160		0.9	15	303	
		IV	120 - 277	0.97 - 0.45	17 418	151		17 767	154		18 115	157		0.93	13.48	303	
			347 - 480	0.34 - 0.22	17 348	151		17 695	154		18 042	157		0.9	15	303	
		V	120 - 277	0.97 - 0.45	17 971	155		18 330	158		18 690	162		0.93	13.48	402	
			347 - 480	0.34 - 0.22	17 898	156		18 256	159		18 614	162		0.9	15	402	
A5C	180	III	120 - 277	1.52 - 0.70	29 431	161	83	30 020	165	83	30 608	168	85	0.91	10.94	303	>54 000
			347 - 480	0.52 - 0.36	29 102	162		29 684	165		30 266	168		0.9	15	303	
		IV	120 - 277	1.52 - 0.70	28 853	158		29 431	161		30 008	165		0.91	10.94	304	
			347 - 480	0.52 - 0.36	28 531	159		29 102	162		29 672	165		0.9	15	304	
		V	120 - 277	1.52 - 0.70	29 769	163		30 364	166		30 959	170		0.91	10.94	503	
			347 - 480	0.52 - 0.36	29 436	164		30 024	167		30 613	170		0.9	15	503	
A6C	230	III	120 - 277	1.93 - 0.83	36 049	157	83	36 770	160	83	37 491	164	85	0.97	8.73	404	>54 000
			347 - 480	0.53 - 0.44	36 248	158		36 973	161		37 698	164		0.9	15	404	
		IV	120 - 277	1.93 - 0.83	35 343	154		36 049	157		36 756	160		0.97	8.73	404	
			347 - 480	0.53 - 0.44	35 537	155		36 248	158		36 958	161		0.9	15	404	
		V	120 - 277	1.93 - 0.83	36 463	159		37 192	162		37 922	165		0.97	8.73	504	
			347 - 480	0.53 - 0.44	36 663	159		37 397	163		38 130	166		0.9	15	504	
A7C	300	III	120 - 277	2.52 - 1.11	47 816	158	83	48 772	161	83	49 729	164	85	0.96	8.4	404	>54 000
			347 - 480	0.87 - 0.57	47 516	158		48 466	162		49 416	165		0.9	15	404	
		IV	120 - 277	2.52 - 1.11	46 880	155		47 816	158		48 754	161		0.96	8.4	405	
			347 - 480	0.87 - 0.57	46 584	155		47 516	158		48 447	161		0.9	15	405	
		V	120 - 277	2.52 - 1.11	48 364	160		49 332	163		50 299	166		0.96	8.4	505	
			347 - 480	0.87 - 0.57	48 061	160		49 022	163		49 983	167		0.9	15	505	
A8C	420	III	120 - 277	3.48 - 1.56	63 734	152	83	65 008	155	83	66 283	158	85	0.96	9.75	505	>54 000
			347 - 480	1.09 - 0.80	63 800	152		65 076	155		66 352	158		0.9	15	505	
		IV	120 - 277	3.48 - 1.56	62 482	149		63 734	152		64 983	155		0.96	9.75	505	
			347 - 480	1.09 - 0.80	62 549	149		63 800	152		65 051	155		0.9	15	505	
		V	120 - 277	3.48 - 1.56	64 465	153		65 754	156		67 043	159		0.96	9.75	505	
			347 - 480	1.09 - 0.80	64 532	154		65 823	157		67 114	160		0.9	15	505	

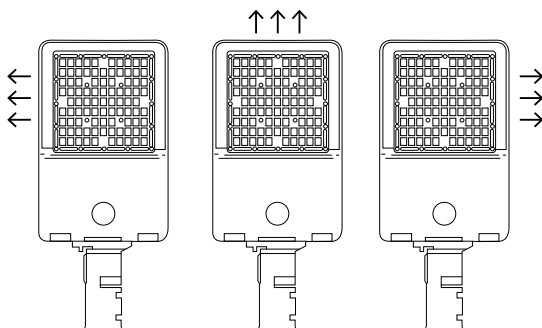
A12K-L GEN. 2

EPA					
Configuration	Single: 0.18	2 @ 90°	2 @ 180°	3 @ 90°	4 @ 90°
A1C, A2C, A3C, A4C	0.18	0.37	0.38	0.55	0.73
A5C, A6C	0.23	0.49	0.59	1.54	1.87
A7C, A8C	0.32	0.53	0.6	1.65	1.93

DRILLING PATTERN



EASY LIGHT DISTRIBUTION

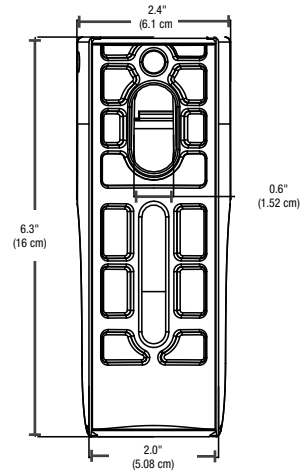
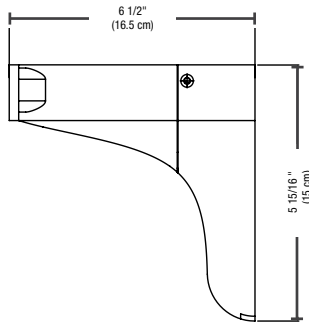


Simply rotate the lens and get different light distribution in different directions.

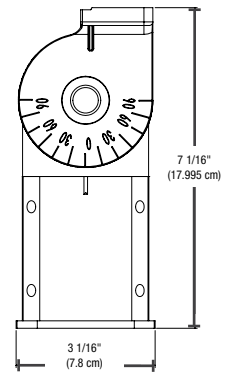
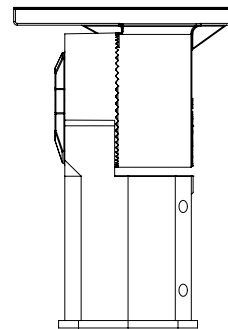
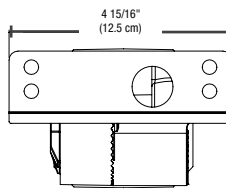
A12K-L GEN. 2

MONTAGE

PA6/PA6R - SQUARE OR ROUND POLE ARM

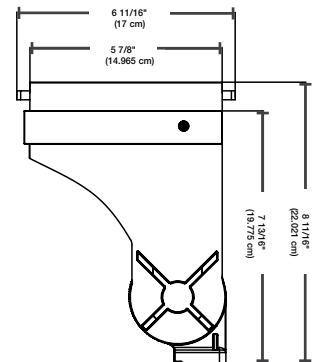
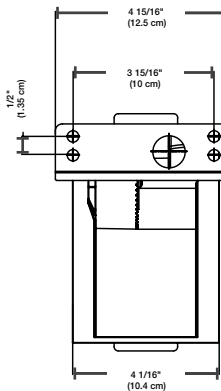


A - SPLIFITTER



*OD range to fit a tenon:
2.28" à 2.519" (5.8-6.4 cm)

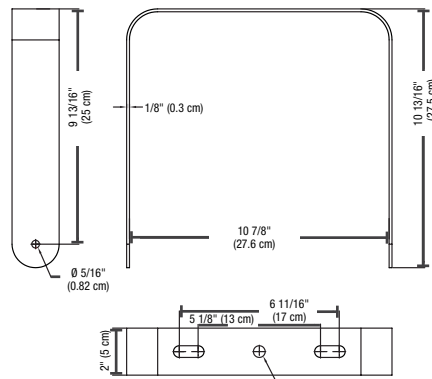
AR - ADJUSTABLE ARM FOR SQUARE POLE AND WALL MOUNT



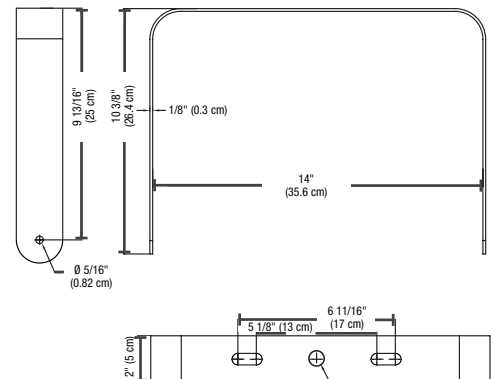
TR - YOKE



Small U shape bracket



Large U shape bracket



SDH-L

DUAL HEAD LED

SECURITY LIGHT

3 CCT SELECTABLE

INTEGRATED MOTION SENSOR WITH ALWAYS MODE ON AND PHOTOCELL



Our SDH-L series features a built-in dusk to dawn photocell which allows to turn on the lights at dusk and turn off the light at dawn. For added safety, this generation includes the option of having the luminaire ON at all times and comes with a motion sensor.. These features assures the area is well lit and provides added security at night. Offering superior performance while improving on energy savings, this fixture is ideal for walkways, yards, driveways, patios, parking lots and loading docks.

FEATURES & SPECIFICATIONS

CONSTRUCTION

Physical Characteristics

- This luminaire is made of aluminum die cast housing and comes standard in a Bronze or White powder coat finish
- Dual adjustable heads
- Frosted glass lens
- CCT switch is accessible from the front via the coin plug
- Built in dusk to dawn photocell
- Integrated motion sensor
- Adjustable motion sensor arm

Mounting

- Wall or ceiling mount with external junction box
- Surface mount with built in junction box










PERFORMANCE DATA

- Available 3 000/4 000/5 000 K selectable color temperature
- 80+ CRI
- Electrical ratings: 120V
- Estimated life of over 100 000 hours to L70
- Operating temperature:
-40 °C to 50 °C (-40 °F to 122 °F)

COMPLIANCE

- cETLus listed for wet locations
- Meets requirements of ICES-005 issue 5 for class B products
- IP65

OVERVIEW			
LIGHT SOURCE	LED	EFFICIENCY (LM/W)	86 - 99
WATTS (W)	20	COLOR TEMPERATURE (K)	3 000/4 000/5 000
LUMEN OUTPUT (LM)	1 712 - 1 974	CRI	80+

QUICK SHIP ORDERING GUIDE



PART NO	WATTS	VOLTS	COLOR TEMP.	LUMEN OUTPUT	EFFICACY	CRI	LIFE L70	TESTED HOURS LM-80	CALC. TM21	BEAM ANGLE	BUG	LED CURRENT	FINISH	DIM- MING	PF	THD	TRADITIONAL EQUIVALENT		MAS- TER CASE QTY	
	[W]	[VAC]	[K] ¹	[LM] ^{2,3}	[LM/W]		[HRS] ⁴	[HRS] ⁴	[HRS] ⁴	[°]		[MA]				[%]	[W]			
																	MH	HPS		
CCT SELECTABLE																				
SDH-LA1B-4-3C-BR	20	120	3 000/4 000/5 000	1974	86 - 99	80+	>100 000	10 000	>60 000	50	B2-U1-G0	0.18	Bronze	No	>0.9	<20	2x100	2x60-75	5	
SDH-LA1B-4-3C-WH	20	120	3 000/4 000/5 000	1974	86 - 99	80+	>100 000	10 000	>60 000	50	B2-U1-G0	0.18	White	No	>0.9	<20	2x100	2x60-75	5	

¹ Typical color temperature range: +/- 5 %.

² Lumen values are derived from photometric testing. Initial lumens range: +/- 10 %.

³ Lumen values are based on 4 000 K default programming. Please refer to the LUMEN SPECIFICATION TABLE for more details on other color temperatures.

⁴ Life hours are derived from IESNA LM-80-08 testing report and projected per IESNA TM-21-11 extrapolations.

LUMEN SPECIFICATION TABLE

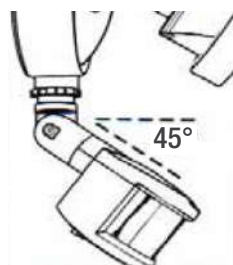
PART NO	WATTS [W]	3 000 K			4 000 K			5 000 K		
		LUMEN OUTPUT [LM]	EFFICACY [LM/W]	LED CURRENT [MA]	LUMEN OUTPUT [LM]	EFFICACY [LM/W]	LED CURRENT [MA]	LUMEN OUTPUT [LM]	EFFICACY [LM/W]	LED CURRENT [MA]
SDH-LA1B-4-3C-BR	20	1712	88	0.18	1974	99	0.18	1809	90	0.18
SDH-LA1B-4-3C-WH										

DEFAULT PROGRAMMING
4 000 K

OCCUPANCY SENSOR

POSITION	VOLTS [V]	TECHNOLOGY	HEIGHT [FT MAX]	DETECTION RANGE [FT]	DETECTION AREA[°]	HOLD TIME [MIN]	LOCATION [°C]
EXTERNAL	120	HIGH FREQUEN- CY	7.2 FT	10 UP TO 60	180 HORIZONTAL	1 TO 10 MIN	DRY AND WET, -40°C TO 40°C
					45 VERTICAL		

¹ Please see the instruction sheet to deactivate the motion sensor.



CSH

DUAL HEAD LED SECURITY LIGHT

3 CCT AND 3 POWER SELECTABLE
INTEGRATED MOTION SENSOR
WITH A PHOTOCELL

Our CSH series features a motion sensor with a built-in dusk to dawn photocell which allows to turn on the lights at dusk and turn off the light at dawn. These features assures the area is well lit and provides added security at night. Offering superior performance while improving on energy savings, this fixture is ideal for walkways, yards, driveways, patios, parking lots and loading docks.



FEATURES & SPECIFICATIONS

CONSTRUCTION

Physical Characteristics

- This luminaire is made of aluminum housing and comes standard in a Black and White coat finish
- Dual adjustable heads
- Frosted glass lens
- Integrated PIR sensor with built-in dusk to dawn photocell
- CCT and power switches are accessible from the front via the coin plug of 1/2"

Mounting

- Wall or ceiling mount with external junction box
- Surface mount with built in junction box









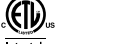

PERFORMANCE DATA

- Available in 3 000/4 000 /5 000 K selectable color temperatures
- 80 CRI
- Electrical ratings: 120 V
- 2 kV surge protection
- Estimated life of over 50 000 hours to L70
- Operating temperature: -40 °C to 40 °C [-40 °F to 104 °F]

COMPLIANCES

- ETL listed for Canada and USA
- cETLus listed for wet locations
- Meets requirements of ICES-005 issue 5 class B for use in residential applications
- IP65
- FCC
- IK07

OVERVIEW			
LIGHT SOURCE	LED	EFFICIENCY (LM/W)	90-116
WATTS (W)	16/20/24	COLOR TEMPERATURE (K)	3 000/4 000/5 000
LUMEN OUTPUT (LM)	1 626-2 498	CRI	80+

QUICK SHIP AND TECHNICAL SPECIFICATION TABLE



PART NUMBER	WATTS [W]	VOLTS [V AC]	COLOR TEMP. [K] ¹	LUMEN OUTPUT [LM] ^{2,3}	EFFICACY [LM/W]	CRI	LIFE L70 [HRS] ⁴	BEAM ANGLE [°]	FINISH	PHOTOCELL [YES/NO]	DIMMING [YES/NO]	POWER FACTOR	THD [%]	MH	HPS	MASTER CASE QTY
CCT AND POWER SELECTABLE WITH INTEGRATED PHOTOCELL⁵																
CSH-PS24A-4-3C-BK	16/20/24	120	3 000/4 000/5 000	1 852-2 498	104-116	80+	50 000	110	BLACK	YES	NO	≥0.90	≤20	2X100	2X75	4
CSH-PS24A-4-3C-WH	16/20/24	120	3 000/4 000/5 000	1 852-2 498	104-116	80+	50 000	110	WHITE	YES	NO	≥0.90	≤20	2X100	2X75	4

¹ Typical color temperature range: +/- 5 %.

² Lumen values are derived from photometric testing. Initial lumens range: +/- 10 %.

³ Lumen values are based on 4 000 K default programming. Please refer to the LUMEN SPECIFICATION TABLE for more details on other color temperatures.

⁴ Life hours are derived from IESNA LM-80 testing report and projected per IESNA TM-21 extrapolations.

⁵ Integrated ON/OFF photocell that can be easily disabled.

LUMEN SPECIFICATION TABLE

PART NO	WATTS [W]	3 000 K			4 000 K			5 000 K		
		LUMEN OUTPUT [LM]	EFFICACY [LM/W]	LED CURRENT [MA]	LUMEN OUTPUT [LM]	EFFICACY [LM/W]	LED CURRENT [MA]	LUMEN OUTPUT [LM]	EFFICACY [LM/W]	LED CURRENT [MA]
CSH-PS24A-4-3C-BK	16	1 626	102	67	1 852	116	33	1 708	107	67
CSH-PS24A-4-3C-WH	20	1 910	96	80	2 200	110	40	2 028	101	80
	24	2 162	90	100	2 498	104	50	2 280	95	100

DEFAULT PROGRAMMING

24 W / 4 000 K

B15H-L BOLLARD

The B15H-L is an LED bollard luminaire designed with high efficiency. The housing is made of die cast aluminum with a flush mounting base, polycarbonate lens, round top, and a powdercoat finish over a chromate conversion coating.



FEATURES & SPECIFICATIONS

CONSTRUCTION

Housing

This luminaire is constructed with aluminum die cast housing in bronze powder coating with anti-corrosive finish.







ELECTRICAL

- The drivers allow input from 120-277 V and is reliable in the coldest of temperatures

- The B15H-L bollard is suitable for ambient temperature range of -40°C to +45°C. Available in 4 000 K color temperature with a lumen per watt ratio of 53 lm/W to 77 lm/W

COMPLIANCES

- Wet location
- IP65
- cETLus
- Meets requirements of ICES-005 for class B products

OVERVIEW			
LIGHT SOURCE	LED	EFFICIENCY (LM/W)	50 - 91
WATTS [W]	25, 35, 50	COLOR TEMPERATURE (K)	3 000, 4 000, 5 000
LUMEN OUTPUT [LM]	1 247 - 4 098	CRI	70
<div>   LED  WET LOCATION  65 IP RATING  ICES 005  </div>			

ORDERING GUIDE

B15H	L						
SERIES	LAMP TYPE	LUMEN PACKAGE (W)	VOLTS (VAC)	COLOR TEMP. (K)	CASTING COLOR	STYLE	OPTIONS
B15H	L - LED	A1 - REFER TO THE A2 - LUMEN CHART A3 - TABLE	2 - 120-277 8 - 347	30K - 3 000 40K - 4 000 50K - 5 000	BR - BRONZE SP - SPECIAL COLOR	C - CONE L - LOUVER	T - ASYMMETRICAL GLARESHIELD (180 DEGREE) ¹
		A1 - REFER TO THE A2 - LUMEN CHART TABLE					

¹The finish is the same as the housing.

Note: The anchor bolt kits are not included with the fixture. Please order separately.

ACCESSORY (ORDER SEPARATELY)

PART NUMBER	DESCRIPTION	TYPE
KIT-ANC-BOL	ANCHOR BOLTS W/TRIANGLE KIT BIN	ANCHOR BOLT KIT

LUMEN PACKAGE	STYLE	VOLTS (V)	LED CURRENT (mA)	WATTS (W)	3 000 K		4 000 K		5 000 K		CRI	PF	THD [%]	B.U.G.
					LUMENS	LM/W	LUMENS	LM/W	LUMENS	LM/W				
A1	LOUVER	120-277	430 - 230	25	1 247	50	1 347	54	1 347	54	70	0.9	20	B1-U3-G1
		347	430 - 230	25	1 247	50	1 347	54	1 347	54	70	0.9	20	B1-U3-G1
	CONE	120-277	430 - 230	25	1 734	69	1 865	75	1 865	75	70	0.9	20	B1-U3-G1
		347	430 - 230	25	1 734	69	1 865	75	1 865	75	70	0.9	20	B1-U3-G1
A2	LOUVER	120-277	430 - 230	35	1 915	55	2 082	59	2 082	59	70	0.9	20	B1-U3-G1
		347	430 - 230	35	1 915	55	2 082	59	2 082	59	70	0.9	20	B1-U3-G1
	CONE	120-277	430 - 230	35	2 947	84	3 198	91	3 198	91	70	0.9	20	B1-U3-G1
		347	430 - 230	35	2 947	84	3 198	91	3 198	91	70	0.9	20	B1-U3-G1
A3	CONE	120-277	430 - 230	50	3 811	76	4 098	82	4 098	82	70	0.9	20	B1-U3-G1
		347	430 - 230	50	3 811	76	4 098	82	4 098	82	70	0.9	20	B1-U3-G1

B15A-L BOLLARD

The B15A-L is an LED bollard luminaire designed with high efficiency. The housing is made of die cast aluminum with a flush mounting base, polycarbonate lens, flat top, and a powdercoat finish over a chromate conversion coating.



FEATURES & SPECIFICATIONS

CONSTRUCTION

Housing

This luminaire is constructed with aluminum die cast housing in bronze powder coating with anti-corrosive finish. All configurations comes with an anchor bolts kit.

ELECTRICAL







- The drivers allow input from 120-277 V and is reliable in the coldest of temperatures

- The B15A-L bollard is suitable for ambient temperature range of -40°C to +45°C. Available in 4 000 K color temperature with a lumen per watt ratio of 53 lm/W to 77 lm/W

COMPLIANCES

- Wet location
- IP65
- cETLus
- Meets requirements of ICES-005 for class B products

OVERVIEW			
LIGHT SOURCE	LED	EFFICIENCY (LM/W)	50 - 91
WATTS [W]	25, 35, 50	COLOR TEMPERATURE [K]	3 000, 4 000, 5 000
LUMEN OUTPUT [LM]	1 247 - 4 098	CRI	70


 LED
  WET LOCATION
  65 IP RATING
  ICES 005
 

ORDERING GUIDE

B15A — L — — — / — — — — —											
SERIES	LAMP TYPE	LUMEN PACKAGE [W]		VOLTS [VAC]	COLOR TEMP. [K]	CASTING COLOR	STYLE	OPTIONS			
B15A	L - LED	A1 - REFER TO THE	A2 - LUMEN CHART TABLE	2 - 120-277 8 - 347	30K - 3 000 40K - 4 000 50K - 5 000	BR - BRONZE SP - SPECIAL COLOR	L - LOUVER	T - ASYMMETRICAL GLARESHIELD (180 DEGREE) ¹			
		A1 - REFER TO THE					A2 - LUMEN CHART A3 - TABLE				

¹ The finish is the same as the housing.

Note: The anchor bolt kits are not included with the fixture. Please order separately.

ACCESSORY (ORDER SEPARATELY)


PART NUMBER	DESCRIPTION	TYPE
KIT-ANC-BOL	ANCHOR BOLTS W/TRIANGLE KIT 8IN	ANCHOR BOLT KIT

LUMEN CHART TABLE

LUMEN PACKAGE	STYLE	VOLTS [V]	LED CURRENT [MA]	WATTS [W]	3 000 K		4 000 K		5 000 K		CRI	PF	THD [%]	B.U.G.
					LUMENS	LM/W	LUMENS	LM/W	LUMENS	LM/W				
A1	LOUVER	120-277	430 - 230	25	1 247	50	1 347	54	1 347	54	70	0.9	20	B1-U3-G1
		347	430 - 230	25	1 247	50	1 347	54	1 347	54	70	0.9	20	B1-U3-G1
	CONE	120-277	430 - 230	25	1 734	69	1 865	75	1 865	75	70	0.9	20	B1-U3-G1
		347	430 - 230	25	1 734	69	1 865	75	1 865	75	70	0.9	20	B1-U3-G1
A2	LOUVER	120-277	430 - 230	35	1 915	55	2 082	59	2 082	59	70	0.9	20	B1-U3-G1
		347	430 - 230	35	1 915	55	2 082	59	2 082	59	70	0.9	20	B1-U3-G1
	CONE	120-277	430 - 230	35	2 947	84	3 198	91	3 198	91	70	0.9	20	B1-U3-G1
		347	430 - 230	35	2 947	84	3 198	91	3 198	91	70	0.9	20	B1-U3-G1
A3	CONE	120-277	430 - 230	50	3 811	76	4 098	82	4 098	82	70	0.9	20	B1-U3-G1
		347	430 - 230	50	3 811	76	4 098	82	4 098	82	70	0.9	20	B1-U3-G1



CANOPY

Visit AimLite.com for more information about our canopy 

UCS

UNDER CANOPY AND GARAGE LIGHT

3 POWER SELECTABLE AND 3 CCT SELECTABLE

The UCS is an efficient under canopy and garage light. Equipped with the latest in LED technology, this luminaire allows the user to control the color temperature and power via internal field adjustable switches. Its slim construction easily installs on junction boxes and its high quality thermal heat sinks dissipate the LED heat and insure reliable long life. This series comes with its pre-installed sensor receptacle which makes it a great addition to any commercial or industrial application.



FEATURES & SPECIFICATIONS

CONSTRUCTION

Physical Characteristics

- This luminaire is made of aluminum die cast and comes in a bronze or white powder coat finish
- Frosted Polycarbonate lens
- Power and CCT switches placed discretely inside the housing
- Integrated sensor receptacle makes for easy plug-and-play installation of motion sensors. No wiring required. Sensors are sold separately, see accessories table.

- Includes three 1/2" side conduit entries, one of which is used for the built-in photocell and another is used for quick access to the CCT and adjustable power switches.

Mounting













- 3-in-1 mounting solution (surface, pendant and conduit)

PERFORMANCE DATA

- Available in 3 000/4 000/5 000 K selectable color temperature
- 80+ CRI
- Electrical ratings: 120-347 V
- Estimated life of over 50 000 hours to L70
- 0-10 V dimming standard
- Operating temperature: -40 °C to 40 °C [-40 °F to 104 °F]

COMPLIANCES

- cULus listed for wet locations
- Meets requirements of ICES-005 issue 5 class B for use in residential applications
- IP65
- IK10

OVERVIEW			
LIGHT SOURCE	LED	EFFICIENCY (LM/W)	134-146
WATTS (W)	40/60/70	COLOR TEMPERATURE (K)	3 000/4 000/5 000
LUMEN OUTPUT (LM)	5 636-9 745	CRI	80+
<div>         </div> <div>     </div>			

Not all products are qualified on the DLC QPL. To view our DLC qualified products, please consult the DLC Qualified Products List at www.designlights.org/search.

Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions. All products are subject to change or may be discontinued any time without notice.

QUICK SHIP AND TECHNICAL SPECIFICATION TABLE



MODEL NUMBER	WATTS	VOLTS	COLOR TEMP.	LUMEN OUTPUT	EFFICIENCY	CRI	LIFE L70	TESTED HOURS LM-80	CALCULATED TM21	LED CURRENT	FINISH	DIMMING	PF	THD	BUG	TRADITIONAL EQUIVALENT		MASTER CASE QTY
	[W]	[V AC]	[K] ¹	[LM] ²	[LM/W]		[HRS] ³	[HRS] ³	[HRS] ³	[MA]		[YES/NO]		[%]		[W]		
																MH	HPS	
CCT AND POWER SELECTABLE WITH INTEGRATED PHOTOCELL ⁴																		
UCS-PS70A-32-3C8RP	40/60/70	120-347	4 000/4 000/5 000	5 798/8 378/9 745	141-146	80+	54 000	9 000	180 000	580-590	BRONZE	YES	>0.9	<20%	83-U3-G2	100-175	100-175	4
UCS-PS70A-32-3CWHP	40/60/70	120-347	3 000/4 000/5 000	5 798/8 378/9 745	141-146	80+	54 000	9 000	180 000	580-590	WHITE	YES	>0.9	<20%	83-U3-G2	100-175	100-175	4

¹ Typical color temperature range: +/- 5 %.

² Lumen values are derived from DLC reported data at 3 000 K. Please refer to the LUMEN SPECIFICATION TABLE for more details on other color temperatures.

³ Life hours are derived from IESNA LM-80 testing report and projected per IESNA TM-21 extrapolations.

⁴ Integrated photocell that can be easily enabled.

LUMEN SPECIFICATION TABLE

MODEL NUMBER	WATTS [W]	3 500 K			4 000 K			5 000 K		
		LUMEN OUTPUT [LM]	EFFICACY [LM/W]	LED CURRENT [MA]	LUMEN OUTPUT [LM]	EFFICACY [LM/W]	LED CURRENT [MA]	LUMEN OUTPUT [LM]	EFFICACY [LM/W]	LED CURRENT [MA]
UCS-PS70A-32-3C8RP	40	5 636	139	340	5 798	146	330	5 746	142	340
	60	8 037	136	490	8 378	144	490	8 213	138	500
	70	9 455	134	590	9 745	141	580	9 589	137	590

DEFAULT PROGRAMMING

70 W / 4 000 K

DLC UNIQUE ID TABLE

MODEL NUMBER	DLC PREMIUM UNIQUE ID ¹
UCS-PS70A-32-3C8RP	S-1WJH7J
UCS-PS70A-32-3CWHP	S-1WJH7J

¹ Primary Use Designation: Parking Garage Luminaires.

ACCESSORIES (SOLD SEPARATELY)

PART NUMBER	TYPE
OSI-EFS07-AUX ¹	EXTERNAL PIR SENSOR KIT OSI-EFS07-AUX
OSI-EFS06R ¹	EXTERNAL HIGH FREQUENCY SENSOR EFS06R
OSI-RM51	REMOTE CONTROL RM51 FOR MOTION SENSORS

¹ To change the factory setting, purchase remote OSI-RM51 (sold separately).



POST TOP

Visit [AimLite.com](https://aimlite.com) for more information about our post top



PST

LED ROUND POST TOP

CCT AND 3 POWER SELECTABLE

7 PIN RECEPTACLE AND SHORTING CAP

The PTR round LED post top luminaire offers a contemporary and elegant look making it a great addition to applications where energy efficiency, performance and design is essential. In 3 easy steps, the mounting arm can be interchanged with either a slipfitter or a square/round pole arm, fulfilling the need for a variety of projects. Typical applications include urban streets, walkways, parks, shopping malls, residential areas, and campuses.



FEATURES & SPECIFICATIONS

CONSTRUCTION

Physical Characteristics

- Die-cast aluminum housing comes standard in a black powder coated finish
- All configurations come standard with a 7 pin receptacle and shorting cap
- Easy access to color temperature and power select switch

Mounting

- The post top arm accommodates 2-3/8" and 3" tenons
- Slipfitter and Square/Round pole arm as accessories

Optics

- Type V distribution that provides wide uniform light output













PERFORMANCE DATA

- Available in both 3 000/ 4 000/5 000 K color temperatures for PS75 lumen package and 4 000/5 000 K for PS100 lumen package
- 80+ CRI for true color accuracy
- Electrical ratings: 120-347 V
- Estimated life of over 50 000 hours to L70
- 0-10 V dimming standard
- Operating temperature: -40 °C to +45 °C
- 6Kv Surge Protection

COMPLIANCES

- cULus listed for wet locations
- Meets requirements of ICES-005 issue 5 class B for use in residential applications
- IP65
- IK08
- DLC Premium
- 3G vibration resistant in compliance with ANSI/IEEE C136.31 standard for luminaire vibration

OVERVIEW			
LIGHT SOURCE	LED	EFFICIENCY (LM/W)	120 - 347
WATTS [W]	50/60/75 100/120/150	COLOR TEMPERATURE [K]	3 000/4 000/5 000 4 000/5 000
LUMEN OUTPUT [LM]	6 750 - 10 125 13 500 - 20 200	CRI	80+


 CCT SELECTABLE
  POWER SELECTABLE
  QUICKSHIP
  LED
  DIMMABLE
  WET LOCATION
  65 IP RATING
  IK08 IMPACT RESISTANCE
  UL CERTIFIED
  DLC LISTED PREMIUM
  IDA APPROVED

¹ When the luminaire is set at 3 000 K operation. Only model PSTPS755323CBKPR7 must be ordered for IDA certification compliance.

Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions. All products are subject to change or may be discontinued any time without notice.

QUICK SHIP ORDERING GUIDE



PART NO	WATTS [W]	VOLTS [VAC]	COLOR TEMP. [K] ¹	LUMEN OUTPUT [LM] ^{2,3}	EFFICA- CY [LM/W]	CRI	LIFE L70 [HRS] ⁴	DISTRI- BUTION TYPE	B.U.G.	EPA	FIN- ISH	DIM- MING [YES/ NO]	PF	THD [%]	MAS- TER CASE QTY
PSTPS755323CBKPR7	50/60/75	120-347	30/40/50K	6 750/8 100/ 10 125	135	80+	50 000	Type V	B3-U0-G3	2.31	Black	Yes	0.90	20	1
PSTPS1505322CBKPR7	100/120/150	120-347	40/50K	13 500/16 200/20 200	135	80+	50 000	Type V	B3-U0-G3	2.31	Black	Yes	0.90	20	1

¹ Typical color temperature range: +/- 5 %.

² Lumen values are derived from photometric testing. Initial lumens range: +/- 10 %.

³ Lumen values are based on 4 000 K default programming. Please refer to the LUMEN SPECIFICATION TABLE for more details on other color temperatures.

⁴ Life hours are derived from IESNA LM-80 testing report and projected per IESNA TM-21 extrapolations.

DLC UNIQUE ID TABLE

PART NO	DLC PREMIUM UNIQUE ID ¹
PSTPS755323CBKPR7	S-R432DQ
PSTPS1505322CBKPR7	S-8C32FQ

¹ Primary Use Designation: Outdoor Pole/Arm-Mounted Area and Roadway Luminaires

QUICK SHIP SPECIFICATION TABLE

PART NO	WATTS [W]	VOLTS [V]	3 000 K		4 000 K		5 000 K	
			LUMEN OUTPUT [LM]	EFFICACY [LM/W]	LUMEN OUTPUT [LM]	EFFICACY [LM/W]	LUMEN OUTPUT [LM]	EFFICACY [LM/W]
PSTPS755323CBKPR7	50/60/75	120-347	9 750	130	10 500	140	10 125	135
PSTPS1505322CBKPR7	100/120/150	120-347	N/A	N/A	21 300	142	20 700	138

DEFAULT PROGRAMMING

PSTPS755323CBKPR7	75 W / 4 000 K
PSTPS1505322CBKPR7	150 W / 4 000 K



SLIPFITTER



SQUARE/ROUND POLE ARM

ACCESSORIES (ORDER SEPARATELY)

PART NO	TYPE
CAS1011-SWIVEL-BK	Slipfitter
CAS1011-RNDSQBK	Square/Round pole arm
PH0033	3-Pin twist lock photocell
PH0034	7-Pin twist lock photocell



3-PIN TWIST LOCK
PHOTOCELL



7-PIN TWIST LOCK
PHOTOCELL

EPA VALUES (FT²)

LUMINAIRE WITH SLIPFITTER MOUNT

WATTS					
[W]					
75 W, 150 W	2.09	4.18	4.18	5.58	6.99

LUMINAIRE WITH SQUARE/ROUND POLE ARM MOUNT

WATTS					
[W]					
75 W, 150 W	2.30	4.58	4.58	6.19	7.80



NOTES



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2025-02-14