

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	COLOR TEMPERATURE (K)	3 000/4 000/5 000
	40/60/80	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

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 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 WCS-PS60-32-3C-BR	30	120-347	4 283	136	400	4 395	142	400	4 516	143	400
	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 WCS-PS80-32-3C-BR	40	120-347	5 480	136	180	5 649	142	180	5 830	144	180
	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

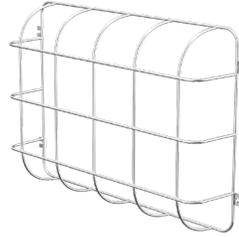
COMPATIBLE DIMMERS¹

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

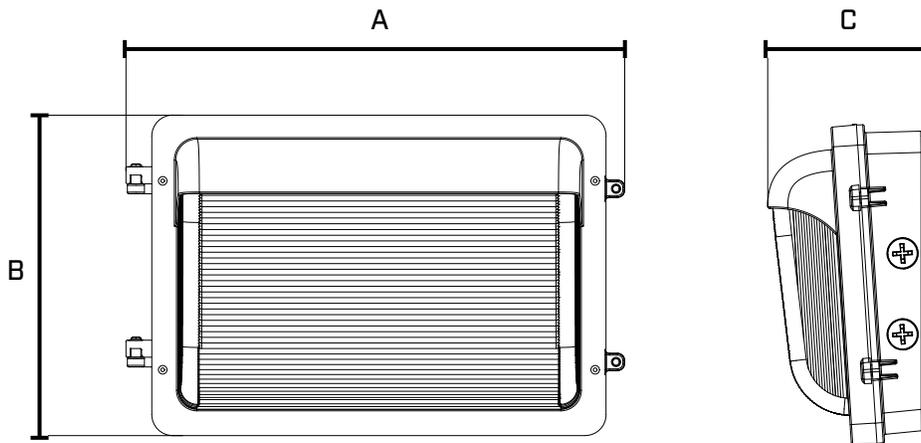
¹ This table shows dimmers that have been tested and have demonstrated proper operation under normal conditions. Each installation being unique, various factors such as load, common neutrals or other electrical products on the circuit can, in certain instances, cause variance in system performance. Read 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.

ACCESSORY (ORDER SEPARATELY)

PART NO	TYPE
WGD913	WIREGUARD



DIMENSIONS AND WEIGHTS

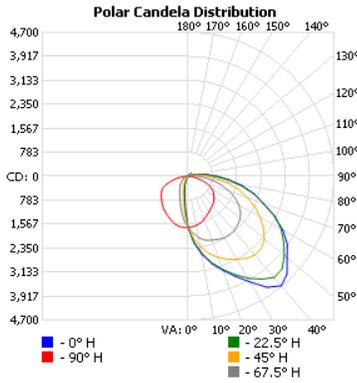


A in. (mm)	13.82" (351)
B in. (mm)	8.88" (2263)
C in. (mm)	4.48" (114)
Net weight (lbs)	9.1

PHOTOMETRIC DATA¹

WCS-PS60-32-3C-XX • 60 W • 4 000 K • 8 312 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	1 395.3	16.8
0-40	2 495.0	30
0-60	5 160.6	62.1
60-90	2 569.9	30.9
70-100	1 618.9	19.5
90-120	423.2	5.1
0-90	7 730.5	93
90-180	581.6	7
0-180	8 312.1	100

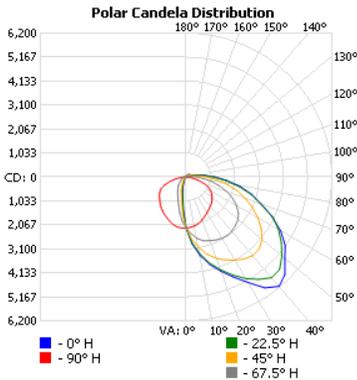
ILLUMINANCE AT A DISTANCE

CENTER BEAM FC		Diagram	BEAM WIDTH	
1.7'	582		2.2'	3.5'
3.3'	154	4.3'	6.8'	
5.0'	67.2	6.5'	10.3'	
6.7'	37.4	8.8'	13.8'	
8.3'	24.4	10.9'	17.1'	
10.0'	16.8	13.1'	20.6'	

■ Vert. Spread: 66.4° ■ Hor. Spread: 91.7°

WCS-PS80-32-3C-XX • 80 W • 4 000 K • 10 920 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	1 834.0	16.8
0-40	3 278.2	30
0-60	6 779.8	62.1
60-90	3 376.2	30.9
70-100	2 127.7	19.5
90-120	555.9	5.1
0-90	10 156.0	93
90-180	763.7	7
0-180	10 919.8	100

ILLUMINANCE AT A DISTANCE

CENTER BEAM FC		Diagram	BEAM WIDTH	
1.7'	763		2.2'	3.5'
3.3'	203	4.3'	6.8'	
5.0'	88.2	6.6'	10.3'	
6.7'	49.1	8.8'	13.8'	
8.3'	32.0	10.9'	17.0'	
10.0'	22.1	13.1'	20.5'	

■ Vert. Spread: 66.5° ■ Hor. Spread: 91.5°

¹ Complete IES files available on our website.