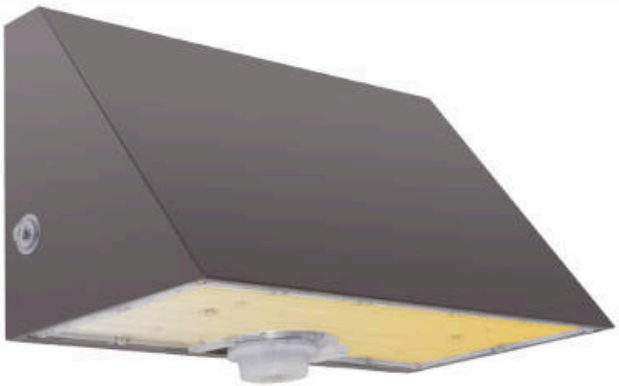
LED Architectural Wall Pack Series

WSD LED INC
Green Lighting Resources

Selectable Wattages: (28W/42W/56W/70W) (48W/72W/96W/120W) (66W/99W/132W/165W)



WATT/CCT SELECTABLE

LED Architectural Wall Pack series can be widely used in indoor or outdoor lighting (wet location). Ideal for museums, art galleries, shopping malls, office buildings, walls and many other applications.

Lighting controls meet design lights consortium (DLC) networked lighting control system technical requirements, LLLC, Energy Monitoring and High End Trim function.

FEATURES

- LED high luminous efficiency and long working life.
- High efficiency LED Driver, the wide range input voltage AC120-277V / 277-480V.
- Die-cast aluminum cooling design, high quality and better cooling for LED Tj < 85°C.
- Excellent optics design, greatly improve the light utilization and evenness.
- Photocell, Wireless bluetooth system and Motion sensor control available (Optional)
- 12Vdc auxiliary dimming
- The 0-10V Dimming type is continuous.

High performance, die-cast heat sink transfers heat from the light engine to the environment, drawing heat away from the fixture, and extending the lifespan of the LEDs.



Bluetooth® (Option)

Easy field-install motion sensor

SPECIFICATION			
TYPE	WSD-AFW2842567W27-345K-D	WSD-AFW48729612W27-45K-D	WSD-AFW6699132165W27-345K-D
WATTAGE	28W / 42W / 56W / 70W	48W / 72W / 96W / 120W	66W / 99W / 132W / 165W
LUMEN (4000K Type III)	4760 lm / 6880 lm / 8601 lm / 11124 lm	7800 lm / 11288 lm / 14627 lm / 18550 lm	11435 lm / 16481 lm / 21269 lm / 25339 lm
EFFICACY	> 151 lm/W	> 151 lm/W	> 160 lm/W
CCT (Asserted)	3000K, 4000K, 5000K	4000K, 5000K	3000K, 4000K, 5000K
CRI	> 70		
INPUT VOLTAGE	AC120-277V/277-480V		
BEAM ANGLE	Type III: 93.5 °X 87.4° (option) / Type IV: 94.3° X 76.8° (option) / Type V:107.3° X104.9° (option)		
POWER FACTOR	0.90		
DRIVER EFFICACY	≥89%		
FACTORY SETTINGS	70W & 4000K	120W & 4000K	165W & 4000K
LIFE SPAN	over 50,000 hrs		
WORKING TEMPERATURE	-22°F ~ 113°F		
STORAGE TEMPERATURE	-40°F ~ 176°F		
OUTDOOR RATING	Wet location		
CABLE	3 core,18AWG (11.8 inch)		
WARRANTY	5 year limited		

Spec Sheet Part 1 of 2 (pages 1-5 of 10). Continued in Part 2 of 2: https://ilighting.com/content/wsd-28-165w-architectural-wall-pack-spec-sheet-part-2-of-2.pdf

LED Architectural Wall Pack Series

WSD LED INC
Green Lighting Resources

Selectable Wattages: (28W/42W/56W/70W) (48W/72W/96W/120W) (66W/99W/132W/165W)

PERFORMANCE

SPECIFICATION																		
TYPE	WSD-AFW2842567W27-345K-D-TN																	
POWER	28W (Tested Light Output)									42W (Tested Light Output)								
DISTRIBUTION	TYPE III			TYPE IV			TYPE V			TYPE III			TYPE IV			TYPE V		
CCT	3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
LUMENS	4566	4760	4734	4498	4727	4688	4519	4741	4703	6452	6880	6746	6411	6816	6700	6424	6831	6715
EFFICACY	> 160	> 170	> 165	> 157	> 170	> 163	> 158	> 170	> 164	> 152	> 168	> 158	> 151	> 166	> 157	> 151	> 166	> 157
POWER	56W (Tested Light Output)									70W (Tested Light Output)								
DISTRIBUTION	TYPE III			TYPE IV			TYPE V			TYPE III			TYPE IV			TYPE V		
CCT	3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
LUMENS	7918	8601	8249	7864	8440	8192	7883	8460	8211	9911	11124	10580	9553	10751	10163	9573	10764	10568
EFFICACY	> 146	> 163	> 151	> 145	> 162	> 150	> 145	> 162	> 150	> 140	> 160	> 150	> 135	> 155	> 145	> 135	> 155	> 150

SPECIFICATION												
TYPE	WSD-AFW48729612W27-45K-D-TN											
POWER	48W (Tested Light Output)						72W (Tested Light Output)					
DISTRIBUTION	TYPE III		TYPE IV		TYPE V		TYPE III		TYPE IV		TYPE V	
CCT	4000K	5000K	4000K	5000K	4000K	5000K	4000K	5000K	4000K	5000K	4000K	5000K
LUMENS	7800	7870	7735	7823	7745	7843	11288	11330	11153	11195	11223	11247
EFFICACY	> 158	> 156	> 157	> 155	> 158	> 156	> 155	> 151	> 153	> 149	> 154	> 150
POWER	96W (Tested Light Output)						120W (Tested Light Output)					
DISTRIBUTION	TYPE III		TYPE IV		TYPE V		TYPE III		TYPE IV		TYPE V	
CCT	4000K	5000K	4000K	5000K	4000K	5000K	4000K	5000K	4000K	5000K	4000K	5000K
LUMENS	14627	14487	14429	14324	14505	14366	18550	17974	17873	17373	17342	16869
EFFICACY	> 151	> 143	> 149	> 142	> 150	> 142	> 155	> 150	> 150	> 145	> 145	> 140

LED Architectural Wall Pack Series

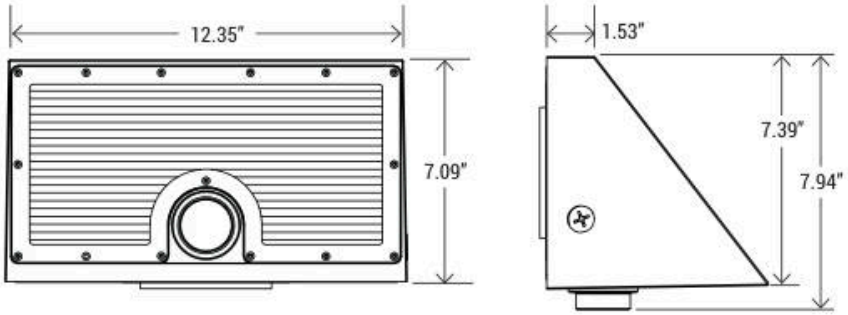
WSD LED INC
Green Lighting Resources

Selectable Wattages: (28W/42W/56W/70W) (48W/72W/96W/120W) (66W/99W/132W/165W)

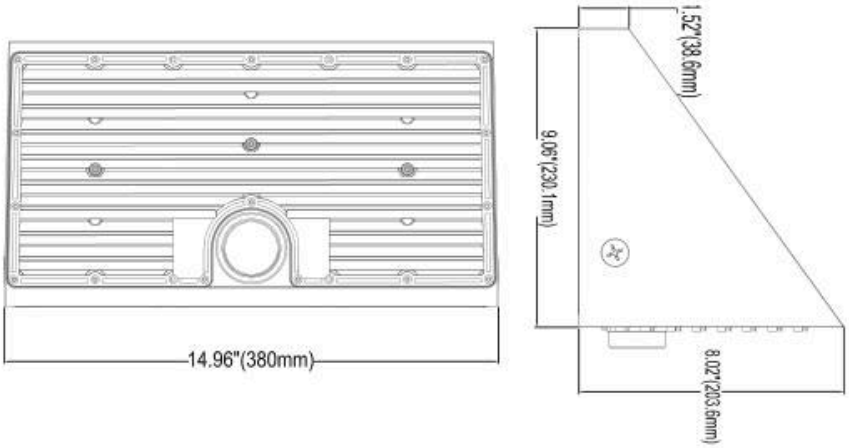
PERFORMANCE

SPECIFICATION																		
TYPE	WSD-AFW6699132165W27-345K-D-TN																	
POWER	66W (Tested Light Output)									99W (Tested Light Output)								
DISTRIBUTION	TYPE III			TYPE IV			TYPE V			TYPE III			TYPE IV			TYPE V		
CCT	3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
LUMENS	10762	11435	11430	10451	11078	11024	10694	11366	11333	15344	16481	16128	14818	15933	15584	15176	16343	15976
EFFICACY	> 160	> 175	> 170	> 155	> 170	> 165	> 160	> 175	> 170	> 155	> 170	> 160	> 150	> 165	> 157	> 150	> 170	> 160
POWER	132W (Tested Light Output)									165W (Tested Light Output)								
DISTRIBUTION	TYPE III			TYPE IV			TYPE V			TYPE III			TYPE IV			TYPE V		
CCT	3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
LUMENS	19532	21269	20530	19028	20637	19725	19411	21118	20247	23295	25339	23826	22539	24553	23104	23007	25121	23610
EFFICACY	> 145	> 165	> 153	> 143	> 160	> 150	> 145	> 160	> 150	> 140	> 160	> 140	> 137	> 155	> 140	> 140	> 158	> 140

DIMENSION



WATTAGE	28W-70W	48W-120W
NT. WEIGHT	8.14 lbs	8.60 lbs
BOX DIM.	13.58" x 7.87" x 8.27"(1Pcs/CTN)	



WATTAGE	66W-165W
NT. WEIGHT	11.57 lbs
BOX DIM.	16.34" x 9.84" x 9.06"(1Pcs/CTN)

LED Architectural Wall Pack Series

WSD LED INC
Green Lighting Resources

Selectable Wattages: (28W/42W/56W/70W) (48W/72W/96W/120W) (66W/99W/132W/165W)

EMERGENCY BACK-UP (SOLD SEPARATELY)



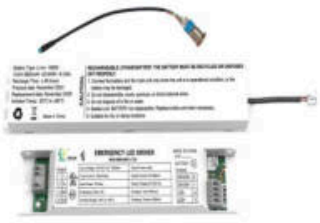
WSD-EMS15W27-XX
WSD-EMS20W27-XX
15W/20W Emergency
Backup Battery LED Driver
Low voltage (120-277Vac)
Luminaire models



WSD-EMS8W27-LT20
8W Low Temperature Emergency
Backup Battery LED Driver
Low voltage (120-277Vac)
Luminaire models
Temperature Rating (Ambient)
-20°C to 60°C (-4 °F to 140°F)



WSD-EMS15W27-LT20
15W Low Temperature Emergency
Backup Battery LED Driver
Low voltage (120-277Vac)
Luminaire models
Temperature Rating (Ambient)
-20°C to 60°C (-4 °F to 140°F)



WSD-EMS20W27-LT20
20W Low Temperature Emergency
Backup Battery LED Driver
Low voltage (120-277Vac)
Luminaire models
Temperature Rating (Ambient)
-20°C to 60°C (-4 °F to 140°F)

Applicable Luminaire Models: WSD-AFW2842567W27-345K-D / WSD-AFW48729612W27-45K-D



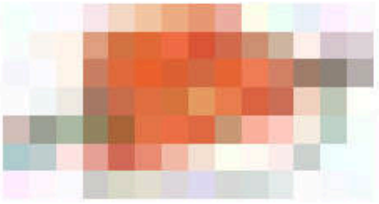
WSD-300YM08W-AC
8W Emergency Backup Battery LED Driver



WSD-300YM15W-AC
15W Emergency Backup Battery LED Driver



WSD-300YM20W-AC
20W Emergency Backup Battery LED Driver



WSD-300YM25W-AC
25W Emergency Backup Battery LED Driver

Applicable Luminaire Models: WSD-AFW2842567W27-345K-D / WSD-AFW48729612W27-45K-D / WSD-AFW6699132165W27-345K-D

CONTROL (SOLD SEPARATELY)



Bluetooth
NLC-BT-MW-SR-001
Bluetooth Microwave
Fixture Sensor
(Silvair Bluetooth)



Bluetooth
NLC-BT-MW-GE-001
Bluetooth Microwave
Fixture Sensor
(GEBC Bluetooth)



NLC-MW-PT-002
Bi -level microwave
Sensor



NLC-PIR-PT-001
Bi - Level PIR
Motion Sensor



RC-100
Remote Controller
(With NLC-MW-PT-002 and NLC-PIR-PT-001 use)



BRI-WS204-GE
4-Button Wireless Wall Switch
(Can only be used for NLC-BT-MW-GE-001)

*MESH RANGE	60ft node-to-node and 500ft node-to-Gateway (Commissioning)

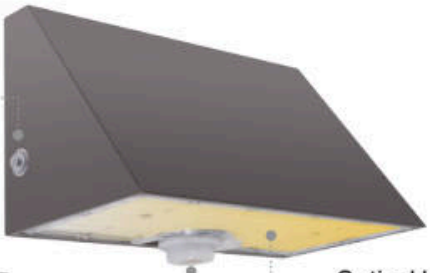
LED Architectural Wall Pack Series

WSD LED INC
Green Lighting Resources

Selectable Wattages: (28W/42W/56W/70W) (48W/72W/96W/120W) (66W/99W/132W/165W)

PHOTOCELL STANDARD
P (Photocell)
AC277-480V
(No Photocell)

Bluetooth® (Option)
MOTION SENSOR and Bluetooth options



Optical lens is made of high quality PC material to make the light even and soft.

WATT/CCT SELECTABLE





ACCESSORIES:(SOLD SEPARATELY)





Mounting Base Box
WSD-120AFW-J-BOX-D
(Suitable for 28-120W LED Architectural Wall Pack)
WSD-165AFW-J-BOX-D
(Suitable for 165W LED Architectural Wall Pack)

ORDERING INFORMATION

EXAMPLE: **WSD-AFW2842567W27-345K-D-TN-Y-E / WSD-AFW48729612W27-45K-D-TN-Y-E**

WSD	AFW	2842567W	27	345K	D	TN	Y	E
COMPANY	PRODUCT	WATTAGE	VOLTAGE	CCT	FINISH	DISTRIBUTION	CONTROL	CONTROL
WSD LED INC	**AFW** LED Architectural Wall Pack	**2842567W** (28W/42W/56W/70W) **48729612W** (48W/72W/96W/120W) **6699132165W** (66W/99W/132W/165W)	**27** (AC120-277V) **48** (AC277-480V)	**345K -** (3000K/4000K/5000K) **45K -** (4000K/5000K)	**D** - (Dark Bronze) **W** - (White) **B** - (Black) **S** - (Silver)	**T3 -** (Type III) **T4 -** (Type IV) **T5 -** (Type V)	AC120-277V **P -** (Photocell) AC277-480V **(No Photocell)**	**M -** (Motion Sensor)

Spec Sheet Part 1 of 2 (pages 1-5 of 10). Continued in Part 2 of 2: https://ilighting.com/content/wsd-28-165w-architectural-wall-pack-spec-sheet-part-2-of-2.pdf