



PRODUCT SPECS	
Input Voltage (VAC)	120-277 / 347-480
Wattage	100P=100W/80W/60W selectable 150P=150W/120W/100W selectable 300P=300W/240W/200W selectable
CRI	80+
CCT (K)	4000, 5000
Control System	Occupancy Sensor, Daylight Sensor (Photocell), Network Controls*
Finish Color	Bronze, Black, White, Custom**
Housing	Die Cast Aluminum
Optic Types	T2, T3, T4, T5
Dimming	0-10V Dimming
Operating Temperature	-30° C to 50° C
IP Rating	IP65
Limited Warranty	10 Years
IK Rating	IK08
Surge Protection	L/N-PE: 10KV, L-N: 6KV; 20kV Optional

*Please contact sales team for more information about NLC system.

**Bronze finish is default, for customer paint, please contact sales team for more information.

PRODUCT FEATURES

- Compact, low profile design delivers high-performance illumination and improves application site aesthetics. Ideal for parking lots, auto dealerships, and general area lighting applications.
- High-quality finishes prevent corrosion, protects against extreme environmental conditions. Custom paint are available with additional cost and lead time.
- Power selectable technology, covering 60W-300W with 3 SKU.
- Exceptional coverage and uniformity are provided with Type II, Type III, Type IV and Type V optics.
- Sensor receptacle pre-installed, plug-and-play sensor can be easily added.
- 0-10V dimming driver featuring 12V AUX power tap, 6KV surge protection. 347-480V options are available with additional cost and lead time.
- Industry-leading 10 years warranty for the fixture (accessories not included). Check warranty file for more details.

PROJECT DETAILS		TYPE
Project:		
Product:		
Prepared by:		
Notes:		

APPLICATIONS	
Application	Pole/Wall Mount
Fixture Type	Area Light (A)
Office and Meeting Space	
Educational Facilities	
Industrial and Distribution	X
Hospital and Healthcare Facilities	
Garage and Parking Lot	X
Parks and Recreation	X

ENABLED: Bluetooth DLC TruBIU SILVAIR

CERTIFICATIONS AND COMPATIBILITIES



ORDER FORMAT

AR2	-	-	-	-	-	-	-
Series	Wattage	CCT	Voltage	Optics	Control*	Finish	
AR2	100P =100W/80W/60W selectable 150P =150W/120W/100W selectable 300P =300W/240W/200W selectable	40 =4000K 50 =5000K	Blank =120-277VAC V =347-480VAC	T2 =Type II T3 =Type III T4 =Type IV T5 =Type V	SQ =HB01DMS, Microwave Sensor, 12VDC P1 =JL-207C, 3-Pin Photocell, 120/277VAC P2 =JL-207C, 3-Pin Photocell, 480VAC LLLC ☆ LALC ☆	Blank =Bronze B =Black W =White	

Mounting, Lens & Accessories**

AM =Arm Mount	L2A =Type II Lens for 100P model
SF =Slip fitter	L4A =Type IV Lens for 100P model
TN =Trunnion Mount	L5A =Type V Lens for 100P model
YA =Yoke Mount for 100P&150P model	L2B =Type II Lens for 150P model
YB =Yoke Mount for 300P model	L4B =Type IV Lens for 150P model
RQ =Remoto for Sensor HB01DMS	L5B =Type V Lens for 150P model
SHD1 =House Shield for 100P/150P	L2C =Type II Lens for 300P model
SHD2 =House Shield for 300P	L4C =Type IV Lens for 300P model
	L5C =Type V Lens for 300P model

*Can be pre-installed. See more details in CONTROL, OPTIONS AND ACCESSORIES sheet.

**Order separately. See more details in CONTROL, OPTIONS AND ACCESSORIES sheet.

☆ Contact sales team for more details about LLLC, LALC, Reloc options.

INFORMATION FOR LIGHTING CONTROLS APPLICATIONS

LLLC - Luminaire Level Lighting Control (Mesh Network) LLLC	LALC - Local Area Lighting Control (Circuit Level) LALC	SAFC - Stand Alone Fixture Control SAFC
		<p>*possibly rebated on fixture only</p>
<p>Control-luminaire groupings typified by needs to a space or user, coordinated via wireless signals, executed at each luminaire. LLLC and networked solutions are highlighted by ability to operate independently or in mesh coordination. Note: they are not related by a power circuit.</p>	<p>LALC solutions are highlighted by their “many to one” arrangements. This can save on hardware costs with minimal labor increases. Characteristically they are linked (related) by power or control wires.</p>	<p>SAFC solutions have sensors that typically only detect and individually control a single fixture. Characteristically they have A) 1:1 sensor to fixture relationship; B) sensor integrally wired and/or affixed to fixture; C) Likely to have physical settings on the sensor, but may have hand held program tool.</p>

CONTROLS, OPTIONS, AND ACCESSORIES

↓ [CLICKABLE LINKS](#) ↓

LLLL - LUMINAIRE LEVEL LIGHTING CONTROL (MESH NETWORK)

ATG Code	Description	Model Number
W4	Bi-level PIR Occ sensor	PSC-BL-I-FM-DC0-BLE-SR
W10	PIR OCCC Sensor w/0-10V DI and relay drive output, 12-24VDC IP65	PSC-ZKV-I-100-BLE-SR
W10R	Receptacle for W10	PSC-ZKV-R1T
W11	Controller, 0-10V mesh, 12-24VDC IP65	PSC-ZKV-WCM-100-BLE-SR
PP7	12V power supply for fixture mount with relay	PSC-AC-PP-700C

LALC - LOCAL AREA LIGHTING CONTROL (CIRCUIT LEVEL)

ATG Code	Description	Model Number
W10R	Receptacle for W10	PSC-ZKV-R1T
W11	Controller, 0-10V mesh, 12-24VDC IP65	PSC-ZKV-WCM-100-BLE-SR
PP7	12V power supply for fixture mount with relay	PSC-AC-PP-700C

SAFC - STAND ALONE FIXTURE CONTROL

ATG Code	Description	Model Number
SQ	Microwave Motion Sensor,12VDC	HB01DMS
RQ	Remote for HB01DMS	
P1	Photocell,3Pin NEMA,120/277VAC	JL-207C
P2	Photocell,3Pin NEMA,480VAC	JL-207F

ACCESSORIES

ATG Code	Description	Model Number
AM	Arm Mount for G2 Archer Area Light	MAM-AR-G2
SF	Slip Fitter for G2 Archer Area Light	MSF-AR-G2
TN	Trunnion Mount for G2 Archer Area Light	MTN-AR-G2
YA	Yoke Mount for 100W&150W Archer G2 Area Light	MYK-AR-G2A
YB	Yoke Mount for 300W Archer G2 Area Light	MYK-AR-G2B
L2A	Type II Lens for 100W G2 Archer Area Light,1:1	LEN-T2-AR2-01
L4A	Type IV Lens for 100W G2 Archer Area Light,1:1	LEN-T4-AR2-01
L5A	Type V Lens for 100W G2 Archer Area Light,1:1	LEN-T5-AR2-01
L2B	Type II Lens for 150W G2 Archer Area Light,1:1	LEN-T2-AR2-02
L4B	Type IV Lens for 150W G2 Archer Area Light,1:1	LEN-T4-AR2-02
L5B	Type V Lens for 150W G2 Archer Area Light,1:1	LEN-T5-AR2-02
L2C	Type II Lens for 300W G2 Archer Area Light,1:1	LEN-T2-AR2-03
L4C	Type IV Lens for 300W G2 Archer Area Light,1:1	LEN-T4-AR2-03
L5C	Type V Lens for 300W G2 Archer Area Light,1:1	LEN-T5-AR2-03
SHD1	House Shield for 100W,150W G2 Archer Area Light	SHD-AR-G2-01
SHD2	House Shield for 300W G2 Archer Area Light	SHD-AR-G2-02

PROJECTED LUMEN MAINTENANCE

Ambient Test Temp	Reported Hours	0 Hrs	25,000 Hrs	TMI21-11 [†] L94 54,000	50,000 Hrs	100,000 Hrs	L70 Hrs
25° C / 77° F	>54,000	1.0	.966	.943	.946	.907	405,000

[^] Projected per IESNA TM-21-11

[†] DLC Reported Hours = Max 6x LM-80 tested duration (SSC STWxC25B-xx @9,000 Hrs)