

MAIN FEATURES

- Designed with a die-cast, aluminum alloy housing for optimal thermal performance and exceptional corrosion resistance
- Delivering up to 137 lumens per watt
- 56,000- to 75,000 lumen packages (400-580W)
- TGIC polyester super durable powder coating with superior gloss, color retention, and weather resistance
- 0-10V dimming standard; DALI-2 dimming option available



Knuckle Mount
EPA: 0.57 sq. ft.
WEIGHT: 46.6 lbs.



Ordering Information

Example: BL6c/40H/2RM/830/STD/10/1PS/30/SGY/ES/HS-SS

Fixture	Distribution	CRI	CCT	Voltage	Surge	Finish	Mounting	Options + Accessories
BL4c	3RM - Type III Roadway Med N66 - NEMA 6x6	7 - 70+ 8 - 70+	27* - 2700K 30 - 3000K 40 - 4000K 50* - 5000K 57* - 5700K	STD - 120-277V HVL* - 277-480V	1PS - 10kV 5kA, 120-277 V 2PS* - 20kV 10kA, 120-277 V 2PH* - 20kV 10kA, 277-480 V	SBZ ¹ - Bronze (RAL8019) SGY ^{1*} - Grey (RAL7038) SBK ^{1*} - Black (RAL9017)	KM - Knuckle Mount KMS - Knuckle Mount with 6' side entry pigtail TM - Trunion Mount	(Field-installed) HSS ² - House-side Shield CSS ² - Cul-de-sac Shield FSS ² - Front-side Shield SS ^{2,3} - Scoop Shield ZZT1 - 0-10V Ambient Light Control (ALC) ZT3 - 0-10V IR + ALC ZT4 - 0-10V Occupancy + IR + ALC (CA T24) ZT5 - 0-10V Zhaga Casambi BLE + ALC ZD4 - DALI Zhaga Occupancy + ALC (Factory-installed) FAO - Field Adjustable Output 6P - 6 ft. Pigtail ALB - ANSI C136.15 Labeling
Package 56H - 56,000 lm; 400W 60H - 61,000 lm; 450W 62H - 63,000 lm; 470W 66H - 66,000 lm; 490W 68H - 68,000 lm; 520W 72H - 72,000 lm; 550W 75H - 75,000 lm; 580W		* Consult factory for additional CRI + CCT combinations		Controls 10 - 0-10 V DA* - DALI-2	Photocell Receptacle 00 - none (capped) 70* - 7 pin 0Z* - Zhaga			

* Consult factory for lead time and availability.

¹ Marine grade finish options available. Consult Factory.

² Flat-black, injection molded plastic resin, tool-less, clip-on discrete shield.

³ HSS not compatible with 4WS optics, instead use SS.

CONSTRUCTION

- Die-cast, aluminum alloy housing for optimal thermal performance and exceptional corrosion resistance
- 100% recycled aluminum

LISTINGS

- IP66 rated optical and electrical chambers
- 3G Vibration rated (ANSI C136.31) for knuckle mount; 1.5G Vibration rated for trunnion mount
- UL listed for wet locations (E487976)
- ANSI C136.15 labeling available

WARRANTY

- 10 year warranty

ELECTRICAL

- 120-277V Standard; 277-480V option available
- PF>0.90, THD < 20%
- Parallel surge protection: enhanced 10kV standard, extreme 20kV optional (ANSI C136.2-2015)
- For series surge protection, consult factory
- Rated for operation -40°C to 40°C
- For 50°C option, consult factory

OPTICS + PERFORMANCE

- Delivering up to 137 lumens per watt
- 56,000- to 75,000 lumen packages (400-580W)
- 2 customized distributions available
 - Type III Roadway Medium
 - NEMA 6x6
- Multiple shielding options available

CONTROLS

- 0-10V dimming standard; DALI-2 option available
- Receptacle options:
 - ANSI C136.41 7-pin (for DALI-2 or 0-10V dimming)
 - Zhaga Book 18 (for next generation ambient light/motion sensing)
 - Casambi Bluetooth Low Energy technology

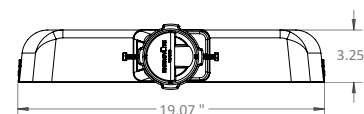
FINISH

- TGIC polyester super durable powder coating with superior gloss, color retention, and weather resistance
- Standard finishes provided at 3 mil nominal thickness with salt-spray tested to 3,000 hours as per ASTM B117
- For marine grade finish, consult factory. Provided at 5 mil nominal thickness with salt-spray tested to 4,000 hours as per ASTM B117

Knuckle

Weight

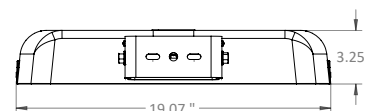
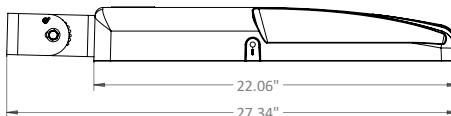
45.6 lbs.



Trunnion

Weight

45 lbs.



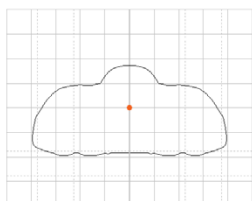
POLE CONFIGURATION EPAs

• Data below includes luminaire and integrated mounting option. Additional tenons, arms and brackets are not included.

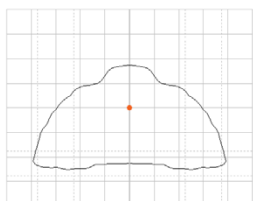
Mounting Type	Tilt	Single	2 at 90°	2 at 180°	3 at 90°	3 at 120°	2 Side-by-Side
Knuckle Mount (7.5° increments)	90° (horizontal)	0.52 sq. ft.	1.02 sq. ft.	1.04 sq. ft.	1.54 sq. ft.	1.54 sq. ft.	1.01 sq. ft.
	60°	0.52 sq. ft.	1.76 sq. ft.	1.04 sq. ft.	2.28 sq. ft.	2.28 sq. ft.	2.48 sq. ft.
	45°	0.52 sq. ft.	2.14 sq. ft.	1.04 sq. ft.	2.66 sq. ft.	2.66 sq. ft.	3.24 sq. ft.
	30°	0.52 sq. ft.	2.43 sq. ft.	1.04 sq. ft.	2.95 sq. ft.	2.95 sq. ft.	3.82 sq. ft.
	0° (vertical)	0.52 sq. ft.	2.66 sq. ft.	1.04 sq. ft.	3.18 sq. ft.	3.18 sq. ft.	4.27 sq. ft.
Trunion Mount (15° increments)	90° (horizontal)	0.42 sq. ft.	0.83 sq. ft.	0.85 sq. ft.	1.26 sq. ft.	1.26 sq. ft.	0.82 sq. ft.
	60°	0.42 sq. ft.	1.56 sq. ft.	0.85 sq. ft.	1.98 sq. ft.	1.98 sq. ft.	2.26 sq. ft.
	45°	0.42 sq. ft.	1.92 sq. ft.	0.85 sq. ft.	2.34 sq. ft.	2.34 sq. ft.	2.99 sq. ft.
	30°	0.42 sq. ft.	2.20 sq. ft.	0.85 sq. ft.	2.62 sq. ft.	2.62 sq. ft.	3.55 sq. ft.
	0° (vertical)	0.42 sq. ft.	2.41 sq. ft.	0.85 sq. ft.	2.83 sq. ft.	2.83 sq. ft.	3.96 sq. ft.

PHOTOMETRIC DISTRIBUTION

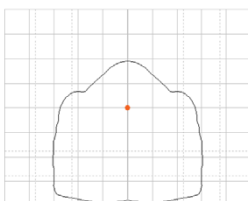
TYPE II ROADWAY MEDIUM



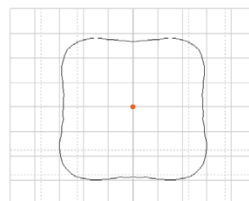
TYPE III ROADWAY MEDIUM



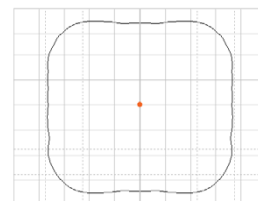
TYPE IV WIDE SHORT



TYPE V SQUARE SHORT



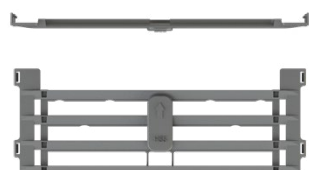
TYPE V SQUARE MEDIUM



SHIELD ACCESSORY DETAILS

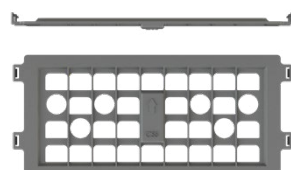
HOUSE SIDE SHIELD

- Flat-black, injection-molded plastic resin
- Tool-less, clip-on discrete shield



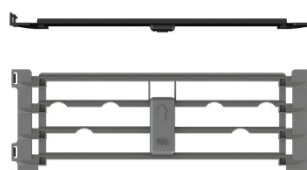
CUL-DE-SAC SHIELD

- Flat-black, injection-molded plastic resin
- Tool-less, clip-on discrete shield



FRONT SIDE SHIELD

- Flat-black, injection-molded plastic resin
- Tool-less, clip-on discrete shield



SCOOP SHIELD

- Flat-black, injection-molded plastic resin
- Tool-less, clip-on discrete shield



CONTROL OPTIONS

0-10 V ZHAGA OPTIONS

- ZT1: Ambient Light Control
- ZT3: IR + Ambient Light Control
- ZT4: Occupancy + IR + Ambient Light Control
- ZT5: Casambi Bluetooth Low Energy + Ambient Light Control



PHOTOCELL OPTIONS

- PCL01: 120-277 V Photocell (640J, IP65); Blue
- PCL02: 120-277 V Photocell (1280J, IP66); Blue
- PCL03: 347-480 V Photocell (1280J, IP66); Yellow
- PCL04: Midnight Dimming, 347-480 V Photocell (1280J, IP65); Brown

