Project		Catalog #		Type	S1
Prepared by		Notes		Date	

McGraw-Edison
GLEON Galleon
Area / Site Luminaire

Product Features
LumenSafe Technology · Light ARchitect™ · BAA

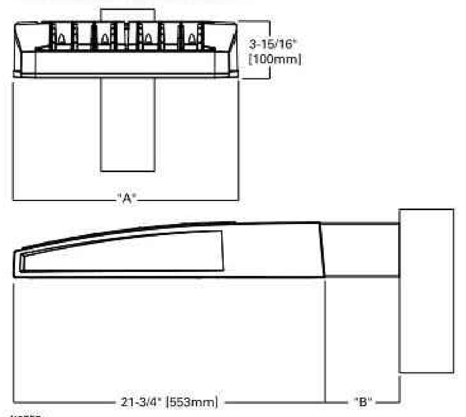
Product Certifications

Interactive Menu
- Ordering Information page 2
- Mounting Details page 3
- Optical Distributions page 4
- Product Specifications page 4
- Energy and Performance Data page 4
- Control Options page 9

Quick Facts
- Lumen packages range from 4,200 - 80,800 (34W - 640W)
- Efficacy up to 156 lumens per watt
- Options to meet Buy American and other domestic preference requirements

Connected Systems
- WaveLinx
- Enlighted

Dimensional Details



Number of Light Squares	"A" Width	"B" Standard Arm Length	"B" Extended Arm Length [1]	"B" Quick Mount Arm Length	"B" Quick Mount Extended Arm Length
1-4	15-1/2"	7"	10"	10-5/8"	16-9/16"
5-6	21-5/8"	7"	10"	10-5/8"	16-9/16"
7-8	27-5/8"	7"	13"	10-5/8"	–
9-10	33-3/4"	7"	16"	–	–

NOTES:
For arm selection requirements and additional line art, see Mounting Details section.

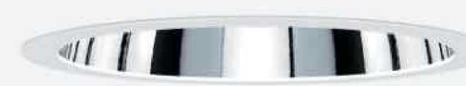
NOTES:
1. Visit https://www.designlights.org/search/ to confirm qualification. Not all product variations are DLC qualified.
2. IDA Certified for 3000K CCT and warmer only.

COOPER Lighting Solutions

ZUMTOBEL

DOWNLIGHT WALL WASH ADJUSTABLE ACCENT

D3E


Round 5.25" (134mm)

PANOS
5.25" Round Downlight

- Unrivaled in lighting quality and efficacy: 90+ CRI and up to 105 lm/w
- Easy to install. Installs 50% faster compared to traditional downlights
- A variety of accessories are available
- High-quality polycarbonate reflector using physical vapor deposition (PVD) technology
- Future-proof modular system
- Installed using PC mounting ring (glass fiber-reinforced) with anti-slip clamp mechanisms for tool-free fitting in ceiling
- Simple twist-and-lock mechanism for quick tool-free fitting of luminaire unit
- Suitable for both new construction and retrofit installations

IBEW UNION MADE

Damp location rated, standard
Available for wet location rating[1]

Energy Star listed for 3500K and 4000K models only
11W variant is IC rated

DELIVERED LUMENS	COLOR TEMPERATURE	COLOR RENDERING	WATTS	UGR
Up to 2623 lm	2700 K 3000 K 3500 K 4000 K Tunable White (2700 K – 6500 K) (MacAdam 3 Step)	CRI 90+	11 W 25 W	< 19 high reflector low reflector w/ attachment

Order Code

[A] PANOS | D | 3 | 150 | R | 6 | 7 | 8 | 9 | 10 [B] PANOS | 12 | 150DL | R | 15 | 16 | 17 | 18 [C] 19

[A] DOWNLIGHT		
1	FIXTURE	**PANOS**
2	TYPE	**D** Recessed Downlight
3	TRIM TYPE	**N** Standard Flange | **F** Flangeless[2]
4	SIZE	**150** 5.25" Aperture
5	SHAPE	**R** Round
6	DISTRIBUTION	**L** Low Reflector | **H** High Reflector
7	WATTAGE	**Static Wattages: 11W** 11 Watts | **25W** 25 Watts **Tunable White Wattages: 08W** 08 Watts | **19W** 19 Watts
8	LED MODULE	**927** CRI 90, 2700 K | **930** CRI 90, 3000 K | **935** CRI 90, 3500 K | **940** CRI 90, 4000 K | **900** Tunable White (2700 K– 6500 K)[3]
9	REFLECTOR FINISH	**CL** Clear Specular | **CS** Clear Semi-Specular | **FS** Faceted Specular | **MS** Matte Silver | **WH** White
10	FLANGE FINISH	**W** White | **F** Flangeless
[B] DRIVER		
11	FIXTURE	**PANOS**
12	CEILING TYPE	**TG** T-Grid Accessible[4] | **FE** Inaccessible Ceiling
13	SIZE	**150DL** 5.25" Aperture
14	SHAPE	**R** Round
15	WATTAGE	**11W** 11 Watts | **25W** 25 Watts
16	DRIVER	**DA** 0-10 V Dimming Driver, 1% | **DH** Lutron Dimming, 1% | **DD** DALI Dimming, 1% | **TU** Tunable White 0-10 V Dimming Driver, 1% | **TD** Tunable White DALI Dimming, 1%
17	VOLTAGE	**1** 120 V | **2** 277 V
18	OPTIONS	**EM** Battery Pack[5] | **EQ** Earthquake Plate (inaccessible ceiling only; not for retrofit applications)
[C] MOUNTING ACCESSORIES		
19	OPTIONS	**11052067** PC Mounting Ring Flush/Plaster Ceilings | **11054650** RND 5.25" Extended Mounting Ring Flush/Plaster Ceilings (CA) | **F0409626** Sheetrock Mounting Plate to be Used w/ Hanger Bar Install | **U0059500** Hanger Bar Assembly[6]

1 Wet location with accessory-flanged models only.
2 Not available with T-Grid ceiling. For flangeless products, ceiling can be closed prior to unit shipment. All flangeless products require a separate mounting ring accessory.
3 Must pick Tunable White driver option.
4 For T-Grid Ceiling tiles larger than 2' x 2', order extension cable E0051101.
5 EM not available with Earthquake Plate.
6 F0409626 comes as standard with TG ceiling only, U0059500 hanger bars must always be ordered separately if needed.

We reserve the right to change, without notice, specifications or materials. Supporting documentation found on zumtobel.us are the most recent versions and supersede all other versions that exist in any other printed or electronic form.

Project		Catalog #		Type	W1E W2 (SIMILAR)
Prepared by		Notes		Date	

McGraw-Edison
Impact Elite LED
Wall Mount Luminaire

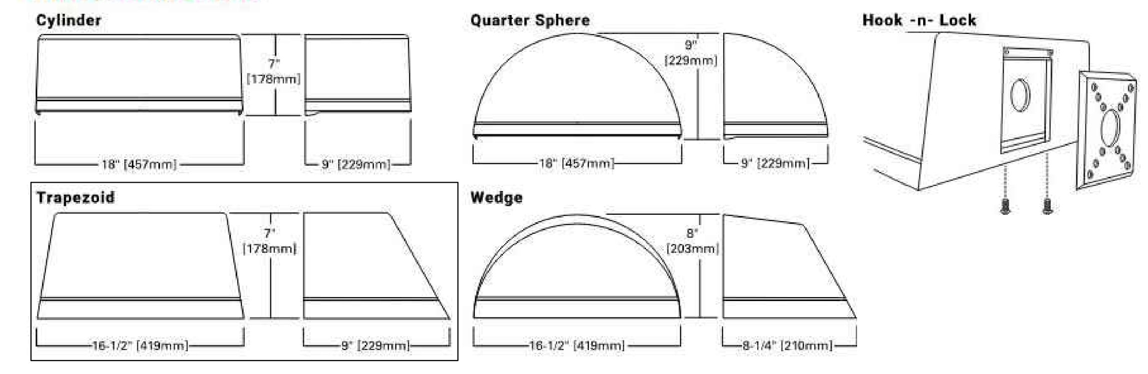
Product Certifications

Interactive Menu
- Ordering Information page 2
- Product Specifications page 2
- Energy and Performance Data page 3
- Control Options page 4

Quick Facts
- 15 Optical Distributions
- Lumen packages range from 2,459 to 11,480 (20W - 95W)
- Efficacy up to 149 lumens per watt

Connected Systems
- WaveLinx
- Enlighted

Dimensional Details



NOTES:
1. IDA Certified for 3000K CCT and warmer only.

COOPER Lighting Solutions

McGraw-Edison — GLEON Galleon

Ordering Information
SAMPLE NUMBER: **GLEON-SA4C-740-U-T4FT-GM**

Product Family [1,2]	Light Engine: Configuration	Light Engine: Drive Current	Color Temperature	Voltage	Distribution	Mounting	Finish
GLEON=Galleon **BAA-GLEON**=Galleon, Buy American Act Compliant [35] **TAA-GLEON**=Galleon, Trade Agreements Act Compliant [35]	**SA1**=1 Square **SA2**=2 Squares **SA3**=3 Squares **SA4**=4 Squares **SA5**=5 Squares [4] **SA6**=6 Squares **SA7**=7 Squares [5] **SA8**=8 Squares [5] **SA9**=9 Squares [6] **SA0**=10 Squares [6]	**A**=600mA **B**=800mA **C**=1000mA **D**=1200mA [16]	**722**=70CRI, 2200K **727**=70CRI, 2700K **730**=70CRI, 3000K **735**=70CRI, 3500K **740**=70CRI, 4000K **750**=70CRI, 5000K **760**=70CRI, 6000K **827**=80CRI, 2700K **830**=80CRI, 3000K **AMB**=Amber, 590nm [14, 16]	**U**=120-277V **1**=120V **2**=208V **3**=240V **4**=277V **8**=480V [7, 8] **9**=347V [7]	**T2**=Type II **T2R**=Type II Roadway **T3**=Type III **T3R**=Type III Roadway **T4FT**=Type IV Forward Throw **T4W**=Type IV Wide **5NQ**=Type V Narrow **5MQ**=Type V Square Medium **5WQ**=Type V Square Wide **SL2**=Type II w/Spill Control **SL3**=Type III w/Spill Control **SL4**=Type IV w/Spill Control **SLL**=90° Spill Light Eliminator Left **SLR**=90° Spill Light Eliminator Right **RW**=Rectangular Wide Type I **AFL**=Automotive Frontline	**[Blank]**=Arm for Round or Square Pole **EA**=Extended Arm [9] **MA**=Mast Arm Adapter [10] **WM**=Wall Mount **QM**=Quick Mount Arm (Standard Length) [11] **QMEA**=Quick Mount Arm (Extended Length) [12]	**AP**=Grey **BZ**=Bronze **BK**=Black **DP**=Dark Platinum **GM**=Graphite Metallic **WH**=White **RALXX**=Custom Color

Options (Add as Suffix)	Controls and Systems Options (Add as Suffix)	Accessories (Order Separately) [36]
DIM=External 0-10V Dimming Leads [19, 20] **F**=Single Fuse (120, 277 or 347V Specify Voltage) **FF**=Double Fuse (208, 240 or 480V Specify Voltage) **20K**=Series 20kV UL 1449 Surge Protective Device **2L**=Two Circuits [17, 18] **HA**=50°C High Ambient **HSS**=Installed House Side Shield [28] **GRSBK**=Glare Reducing Shield, Black [23] **GRSWH**=Glare Reducing Shield, White [23] **LCF**=Light Square Trim Painted to Match Housing [27] **MT**=Installed Mesh Top **TH**=Tool-less Door Hardware **CC**=Coastal Construction finish [3] **L90**=Optics Rotated 90° Left **R90**=Optics Rotated 90° Right **CE**=CE Marking [29] **AHD145**=After Hours Dim, 5 Hours [22] **AHD245**=After Hours Dim, 6 Hours [22] **AHD255**=After Hours Dim, 7 Hours [22] **AHD355**=After Hours Dim, 8 Hours [22] **DALI**=DALI Drivers	**BPC**=Button Type Photocontrol **PR**=NEMA 3-PIN Photocontrol Receptacle **PR7**=NEMA 7-PIN Photocontrol Receptacle [21] **SPB2**=Dimming Occupancy Sensor with Bluetooth Interface, 8' - 20' Mounting [34] **SPB4**=Dimming Occupancy Sensor with Bluetooth Interface, 21' - 40' Mounting [34] **MS-L20**=Motion Sensor for ON/OFF Operation, 9' - 20' Mounting Height [24] **MS-L40W**=Motion Sensor for ON/OFF Operation, 21' - 40' Mounting Height [24] **MS/X-L20**=Bi-Level Motion Sensor, 9' - 20' Mounting Height [24, 25] **MS/X-L40W**=Bi-Level Motion Sensor, 21' - 40' Mounting Height [24, 25] **MS/DIM-L20**=Motion Sensor for Dimming Operation, 9' - 20' Mounting Height [24] **MS/DIM-L40W**=Motion Sensor for Dimming Operation, 21' - 40' Mounting Height [24] **ZW**=WaveLinx-enabled 4-PIN Twistlock Receptacle **ZD**=SR Driver-enabled 4-PIN Twistlock Receptacle **ZW-WOBXX**=WaveLinx Lite, Dimming Motion and Daylight, Bluetooth Programmable, 7' - 15' Mounting [13,32,33] **ZW-WOFXX**=WaveLinx Lite, Dimming Motion and Daylight, Bluetooth Programmable, 15' - 40' Mounting [13,32,33] **ZD-WOBXX**=WaveLinx Lite, SR Driver, Dimming Motion and Daylight, Bluetooth Programmable, 7' - 15' Mounting [13,32] **ZD-WOFXX**=WaveLinx Lite, SR Driver, Dimming Motion and Daylight, Bluetooth Programmable, 15' - 40' Mounting [13,32] **ZW-SWPD4XX**=WaveLinx Pro, Dimming Motion and Daylight, WAC Programmable, 7' - 15' Mounting [13,32,33] **ZW-SWPD5XX**=WaveLinx Pro, Dimming Motion and Daylight, WAC Programmable, 15' - 40' Mounting [13,32,33] **ZD-SWPD4XX**=WaveLinx Pro, SR Driver, Dimming Motion and Daylight, WAC Programmable, 7' - 15' Mounting [13,32,33] **ZD-SWPD5XX**=WaveLinx Pro, SR Driver, Dimming Motion and Daylight, WAC Programmable, 15' - 40' Mounting [13,32,33] **LWR-LW**=Enlighted Sensor, 8'–16' Mounting Height [26] **LWR-LN**=Enlighted Sensor, 16'–40' Mounting Height [26] **DIM10-MS/DIM-L08**=Synapse Occupancy Sensor (<8' Mounting) [19] **DIM10-MS/DIM-L20**=Synapse Occupancy Sensor (9'-20' Mounting) [19] **DIM10-MS/DIM-L40**=Synapse Occupancy Sensor (21'-40' Mounting) [19]	**OA/RA1016**=NEMA Photocontrol Multi-Tap - 105-285V **OA/RA1027**=NEMA Photocontrol - 480V **OA/RA1201**=NEMA Photocontrol - 347V **OA/RA1013**=Photocontrol Shorting Cap **OA/RA1014**=120V Photocontrol **MA1252**=10kV Surge Module Replacement **MA1036-XX**=Single Tenon Adapter for 2-3/8" O.D. Tenon **MA1037-XX**=2@180° Tenon Adapter for 2-3/8" O.D. Tenon **MA1197-XX**=3@120° Tenon Adapter for 2-3/8" O.D. Tenon **MA1188-XX**=4@90° Tenon Adapter for 2-3/8" O.D. Tenon **MA1189-XX**=2@90° Tenon Adapter for 2-3/8" O.D. Tenon **MA1190-XX**=3@90° Tenon Adapter for 2-3/8" O.D. Tenon **MA1191-XX**=2@120° Tenon Adapter for 2-3/8" O.D. Tenon **MA1038-XX**=Single Tenon Adapter for 3-1/2" O.D. Tenon **MA1039-XX**=2@180° Tenon Adapter for 3-1/2" O.D. Tenon **MA1192-XX**=3@120° Tenon Adapter for 3-1/2" O.D. Tenon **MA1193-XX**=4@90° Tenon Adapter for 3-1/2" O.D. Tenon **MA1194-XX**=2@90° Tenon Adapter for 3-1/2" O.D. Tenon **MA1195-XX**=3@90° Tenon Adapter for 3-1/2" O.D. Tenon **FSIR-100**=Wireless Configuration Tool for Occupancy Sensor [24] **GLEON-MT1**=Field Installed Mesh Top for 1-4 Light Squares **GLEON-MT2**=Field Installed Mesh Top for 5-6 Light Squares **GLEON-MT3**=Field Installed Mesh Top for 7-8 Light Squares **GLEON-MT4**=Field Installed Mesh Top for 9-10 Light Squares **GLEON-QM**=Quick Mount Arm Kit [11] **GLEON-QMEA**=Quick Mount Extended Arm Kit [12] **LS/HSS**=Field Installed House Side Shield [28, 30] **LS/GRSBK-2PK** =Glare Reducing Shield, Black [23, 30] **LS/GRSWH-2PK** =Glare Reducing Shield, White [23, 30] **LS/PFS**=Perimeter Shield, Black [15] **WOLC-7P-10A**=WaveLinx Outdoor Control Module [19, 31] **WOB-XX**= WaveLinx Lite Sensor, Dimming Motion and Daylight, Bluetooth Programmable, 7' - 15' Mounting [13,32] **WOF-XX**= WaveLinx Lite Sensor, Dimming Motion and Daylight, Bluetooth Programmable, 15' - 40' Mounting [13,32] **SWPD4-XX**= WaveLinx Sensor, Dimming Motion and Daylight, WAC Programmable, 7' - 15' Mounting [13,19,32,33] **SWPD5-XX**= WaveLinx Sensor, Dimming Motion and Daylight, WAC Programmable, 15' - 40' Mounting [13,19,32,33]

NOTES:
1. Customer is responsible for engineering analysis to confirm pole and fixture compatibility for all applications. Refer to our white paper WPS13001EN for additional support information.
2. DesignLights Consortium® Qualified. Refer to www.designlights.org Qualified Products List under Family Models for details.
3. Coastal construction finish salt spray tested to over 5,000-hours per ASTM B117, with a scribe rating of 9 per ASTM D1654. Not available with TH option.
4. Not compatible with MS/4-LXX or MS/1 LXX sensors.
5. Not compatible with extended quick mount arm (QMEA).
6. Not compatible with standard quick mount arm (QM) or extended quick mount arm (QMEA).
7. Requires the use of an internal step down transformer when combined with sensor options. Not available with sensor at 1200mA. Not available in combination with the HA high ambient and sensor options at 1A.
8. 480V must utilize Wye system only. Per NEC, not for use with ungrounded systems, impedance grounded systems or corner grounded systems (commonly known as Three Phase Three Wire Delta, Three Phase High Leg Delta and Three Phase Corner Grounded Delta systems.)
9. May be required when two or more luminaires are oriented on a 90° or 120° drilling pattern. Refer to arm mounting requirement table.
10. Factory installed.
11. Maximum 8 light squares.
12. Maximum 6 light squares.
13. Requires ZW or ZD receptacle.
14. Narrow-band 590nm +/- 5nm for wildlife and observatory use. Choose drive current A; supplied at 500mA drive current only. Available with 5WQ, 5MQ, SL2, SL3 and SL4 distributions. Can be used with HSS option.
15. Set of 4 pcs. One set required per Light Square.
16. Not available with HA option.
17. 2L is not available with MS, MS/X or MS/DIM at 347V or 480V. 2L in SA2 through SA4 requires a larger housing, normally used for SA5 or SA6. Extended arm option may be required when mounting two or more fixtures per pole at 90° or 120°. Refer to arm mounting requirement table.
18. Not available with Enlighted wireless sensors.
19. Cannot be used with other control options.
20. Low voltage control lead brought out 18" outside fixture.
21. Not available if any "MS" sensor is selected. Motion sensor has an integral photocell.
22. Requires the use of BPC photocontrol or the PR7 or PR photocontrol receptacle with photocontrol accessory. See After Hours Dim supplemental guide for additional information.
23. Not for use with T4FT, T4W or SL4 optics. See IES files for details.
24. The FSIR-100 configuration tool is required to adjust parameters including high and low modes, sensitivity, time delay, cutoff and more. Consult your lighting representative at Cooper Lighting Solutions for more information.
25. Replace X with number of Light Squares operating in low output mode.
26. Enlighted wireless sensors are factory installed only requiring network components LWP-EM-1, LWP-GW-1 and LWP-PoE8 in appropriate quantities.
27. Not available with house side shield (HSS).
28. Not for use with 5NQ, 5MQ, 5WQ or RW optics. A black trim plate is used when HSS is selected.
29. CE is not available with the LWR, MS, MS/X, MS/DIM, BPC, PR or PR7 options. Available in 120-277V only.
30. One required for each Light Square.
31. Requires PR7.
32. Replace XX with sensor color (WH, BZ or BK.)
33. WAC Gateway required to enable field-configurability: Order WAC-PoE and WPOE-120 (10V to PoE injector) power supply if needed.
34. Smart device with mobile application required to change system defaults. See controls section for details.
35. Only product configurations with these designated prefixes are built to be compliant with the Buy American Act of 1933 (BAA) or Trade Agreements Act of 1979 (TAA), respectively. Please refer to DOMESTIC PREFERENCES website for more information. Components shipped separately may be separately analyzed under domestic preference requirements.
36. For BAA or TAA requirements, Accessories sold separately will be separately analyzed under domestic preference requirements. Consult factory for further information.

LumenSafe Integrated Network Security Camera Technology Options (Add as Suffix)

Product Family	Camera Type	Data Backhaul	
L=LumenSafe Technology	**D**=Standard Dome Camera **H**=Hi-Res Dome Camera **Z**=Remote PTZ Camera	**C**=Cellular, No SIM **A**=Cellular, AT&T **V**=Cellular, Verizon **S**=Cellular, Sprint	**R**=Cellular, Rogers **W**=Wi-Fi Networking w/ Omni-Directional Antenna **E**=Ethernet Networking

COOPER Lighting Solutions

ZUMTOBEL

DOWNLIGHT WALL WASH ADJUSTABLE ACCENT

QUICK SHIP PANOS 5.25" Round Downlight

Damp location rated, standard
Available for wet location rating[1]

Energy Star listed for 3500K and 4000K models only
11W variant is IC rated

IBEW UNION MADE

Order Code

[A] PANOS | D | 3 | 150 | R | 6 | 7 | 8 | 9 | 10 [B] PANOS | TG | 150DL | R | 15 | DA | 17 | 18 [C] 19

[A] DOWNLIGHT		
1	FIXTURE	**PANOS**
2	TYPE	**D** Recessed Downlight
3	TRIM TYPE	**N** Standard Flange
4	SIZE	**150** 5.25" Aperture
5	SHAPE	**R** Round
6	DISTRIBUTION	**L** Low Reflector
7	WATTAGE	**11W** 11 Watts | **25W** 25 Watts
8	LED MODULE	**935** CRI 90, 3500 K
9	REFLECTOR FINISH	**CS** Clear Semi-Specular
10	FLANGE FINISH	**W** White
[B] DRIVER		
11	FIXTURE	**PANOS**
12	CEILING TYPE	**TG** T-Grid Accessible[2]
13	SIZE	**150DL** 5.25" Aperture
14	SHAPE	**R** Round
15	WATTAGE	**11W** 11 Watts | **25W** 25 Watts
16	DRIVER	**DA** 0-10 V Dimming Driver, 1%
17	VOLTAGE	**1** 120 V | **2** 277 V
18	OPTIONS	**EM** Battery Pack[3] | **EQ** Earthquake Plate (inaccessible ceiling only; not for retrofit applications)
[C] MOUNTING ACCESSORIES		
19	OPTIONS	**11052067** PC Mounting Ring Flush/Plaster Ceilings | **11054650** RND 5.25" Extended Mounting Ring Flush/Plaster Ceilings (CA) | **F0409626** Sheetrock Mounting Plate to be Used w/ Hanger Bar Install | **U0059500** Hanger Bar Assembly[4]

Round 5.25" (134mm)

1 Wet location with accessory-flanged models only.
2 For T-Grid Ceiling tiles larger than 2' x 2', order extension cable E0051101.
3 EM not available with Earthquake Plate.
4 F0409626 comes as standard with TG ceiling only, U0059500 hanger bars must always be ordered separately if needed.

We reserve the right to change, without notice, specifications or materials. Supporting documentation found on zumtobel.us are the most recent versions and supersede all other versions that exist in any other printed or electronic form.

McGraw-Edison — Impact Elite LED

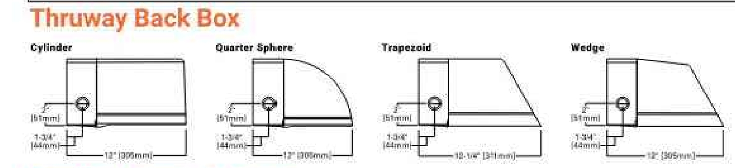
Ordering Information
SAMPLE NUMBER: **ISC-SA1F-740-U-T3-BZ**

Product Family [1]	Light Engine: Configuration	Light Engine: Drive Current	Color Temperature	Voltage	Distribution	Finish
ISC=Impact Elite LED Small Cylinder ~~**ISS**=Impact Elite LED Small Quarter Sphere~~ **IST**=Impact Elite LED Small Trapezoid ~~**ISW**=Impact Elite LED Small Wedge~~ **BAA-ISC**=Impact Elite LED Small Cylinder Buy American Act Compliant [24] **TAA-ISC**=Impact Elite LED Small Cylinder Trade Agreements Act Compliant [24] **BAA-ISS**=Impact Elite LED Small Quarter Sphere Buy American Act Compliant [24] **TAA-ISS**=Impact Elite LED Small Quarter Sphere Trade Agreements Act Compliant [24] **BAA-IST**=Impact Elite LED Small Trapezoid Buy American Act Compliant [24] **TAA-IST**=Impact Elite LED Small Trapezoid Trade Agreements Act Compliant [24] **BAA-ISW**=Impact Elite LED Small Wedge Buy American Act Compliant [24] **TAA-ISW**=Impact Elite LED Small Wedge Trade Agreements Act Compliant [24]	**SA1**=1 Square (16 LED) **PA1**=1 Panel (24 LED) [27]	**A**=350mA **B**=450mA **C**=600mA **D**=800mA **E**=1000mA **F**=1200mA [2]	**722**=70CRI, 2200K **727**=70CRI, 2700K **730**=70CRI, 3000K **735**=70CRI, 3500K **740**=70CRI, 4000K **750**=70CRI, 5000K **760**=70CRI, 6000K **827**=80CRI, 2700K **830**=80CRI, 3000K **AMB**=Amber, 590nm [3, 4]	**U**=120-277V **1**=120V **2**=208V **3**=240V **4**=277V **8**=480V [5] **9**=347V	**SA1 Optics** **T2**=Type II **T3**=Type III **T4FT**=Type IV Forward Throw **T4W**=Type IV Wide **SL2**=Type II w/Spill Control **SL3**=Type III w/Spill Control **SL4**=Type IV w/Spill Control **SLL**=90° Spill Light Eliminator Left **SLR**=90° Spill Light Eliminator Right **RW**=Rectangular Wide Type I **PA1 Optics** **5WQ**=Type V Square Wide **T2R**=Type II **T2U**=Type II Urban **T3**=Type III **T4W**=Type IV Wide	**AP**=Grey **BZ**=Bronze **BK**=Black **DP**=Dark Platinum **GM**=Graphite Metallic **WH**=White

Options (Add as Suffix)	Controls and Systems Options (Add as Suffix)	Accessories (Order Separately) [25]
X=Driver Surge Protection (6kV) Only [17] **20K**=Series 20kV UL 1449 Surge Protective Device **CBP**=Battery Pack with Back Box, Cold Weather Rated [13, 15] **CBP-CEC**=Battery Pack with Back Box, Cold Weather Rated, CEC compliant [13] **HSS**=Factory Installed House Side Shield [16] **ULG**=Uplight Glow [6, 7, 26] **LCF**=Light Square Trim Plate Painted to Match Housing **TR**=Tamper Resistant Hardware **CC**=Coastal Construction [22] **HA**=50°C High Ambient [8] **AHD145**=After Hours Dim, 5 Hours, 50% [9] **AHD245**=After Hours Dim, 6 Hours, 50% [9] **AHD255**=After Hours Dim, 7 Hours, 50% [9] **AHD355**=After Hours Dim, 8 Hours, 50% [9]	**BPC**=Button Type Photocontrol (120, 208, 240 or 277V. Must Specify Voltage) **PR7**=NEMA 7-PIN Twistlock Photocontrol Receptacle [2, 6, 7] **SPB1**=Dimming Occupancy Sensor with Bluetooth Interface, <8' Mounting [12, 23] **SPB2**=Dimming Occupancy Sensor with Bluetooth Interface, 8'-20' Mounting [12, 23] **SPB4**=Dimming Occupancy Sensor with Bluetooth Interface, 21'-40' Mounting [12, 23] **MS/DIM-LXX**=Motion Sensor for Dimming Operation [7, 10, 11, 12] **LWR-LW**=Enlighted Wireless Sensor, Wide Lens for 8'-16' Mounting Height [6, 12, 13] **LWR-LN**=Enlighted Wireless Sensor, Narrow Lens for 16'-40' Mounting Height [6, 12, 13] **ZW**=WaveLinx-enabled 4-PIN Twistlock Receptacle [7] **ZD**=SR Driver-enabled 4-PIN Twistlock Receptacle [7] **ZW-WOBXX**=WaveLinx Lite, Dimming Motion and Daylight, Bluetooth Programmable, 7' - 15' Mounting [7,18,20] **ZW-WOFXX**=WaveLinx Lite, Dimming Motion and Daylight, Bluetooth Programmable, 15' - 40' Mounting [7,18,20] **ZD-WOBXX**=WaveLinx Lite, SR Driver, Dimming Motion and Daylight, Bluetooth Programmable, 7' - 15' Mounting [7,18,20] **ZD-WOFXX**=WaveLinx Lite, SR Driver, Dimming Motion and Daylight, Bluetooth Programmable, 15' - 40' Mounting [7,18,20] **ZW-SWPD4XX**=WaveLinx Pro, Dimming Motion and Daylight, WAC Programmable, 7' - 15' Mounting [7,18,20] **ZW-SWPD5XX**=WaveLinx Pro, Dimming Motion and Daylight, WAC Programmable, 15' - 40' Mounting [7,18,20] **ZD-SWPD4XX**=WaveLinx Pro, SR Driver, Dimming Motion and Daylight, WAC Programmable, 7' - 15' Mounting [7,18,20] **ZD-SWPD5XX**=WaveLinx Pro, SR Driver, Dimming Motion and Daylight, WAC Programmable, 15' - 40' Mounting [7,18,20]	**MA1253**=10kV Circuit Module Replacement **MA1254-XX**=Thruway Back Box - Impact Elite Trapezoid **MA1255-XX**=Thruway Back Box - Impact Elite Cylinder **MA1256-XX**=Thruway Back Box - Impact Elite Quarter Sphere **MA1257-XX**=Thruway Back Box - Impact Elite Wedge **FSIR-100**=Wireless Configuration Tool for Occupancy Sensor **WOLC-7P-10A**=WaveLinx Outdoor Control Module (7-pin) [7, 19] **WOB-XX**= WaveLinx Lite Sensor, Dimming Motion and Daylight, Bluetooth Programmable, 7' - 15' Mounting [7, 18, 20, 21] **WOF-XX**= WaveLinx Lite Sensor, Dimming Motion and Daylight, Bluetooth Programmable, 15' - 40' Mounting [7, 18, 20, 21] **SWPD4-XX**= WaveLinx Sensor, Dimming Motion and Daylight, WAC Programmable, 7' - 15' Mounting [7, 18, 20, 21] **SWPD5-XX**= WaveLinx Sensor, Dimming Motion and Daylight, WAC Programmable, 15' - 40' Mounting [7, 18, 20, 21]

NOTES:
1. DesignLight Consortium® Qualified. Refer to www.designlights.org Qualified Products List under Family Models for details.
2. Not available with ULG option.
3. Choose Drive Current "B" for Amber 590nm, which is provided at 500mA only
4. Narrow-band 590nm +/- 5nm for wildlife and observatory use. Choose drive current A; supplied at 500mA drive current only. Exact luminaire wattage available in IES files. Available with 5WQ, 5MQ, SL2, SL3 and SL4 distributions. Can be used with HSS option.
5. 480V not to be used with ungrounded or impedance grounded systems.
6. Not available with ISS or ISW.
7. Cannot be used in conjunction with other control options.
8. Suitable for 50°C provided no options other than motion sensor are included and driver output set to 1000mA or less.
9. Requires the use of photocontrol. Not available with 350mA drive current. See After Hours Dim supplemental guide for additional information.
10. Replace LXX with L08 (<8' mounting), L20 (8'-20' mounting) or L40W (21'-40' mounting.)
11. The FSIR-100 configuration tool is required to adjust parameters including high and low modes, sensitivity, time delay, cutoff and more. Consult your lighting representative at Cooper Lighting Solutions for more information.
12. Includes integral photocell.
13. Enlighted wireless sensors are factory installed and require network components in appropriate quantities.
14. Battery pack operating temperature of -20C to +40C. Operates downlight for 90-minutes.
15. Must specify 120V or 277V.
16. Not for use with 5NQ, 5MQ, 5WQ or RW optics. A black trim plate is used when HSS is selected.
17. Removes additional surge module.
18. Replace XX with sensor color (WH, BZ, or BK).
19. Requires PR7.
20. For WaveLinx applications, WAC Gateway required to enable field-configurability: Order WAC-PoE and WPOE-120 (10V to PoE injector) power supply if needed. Gateway not required for WaveLinx Lite Commercial (LC) applications.
21. Requires ZW or ZD receptacle.
22. Coastal construction finish salt spray tested to over 5,000-hours per ASTM B117, with a scribe rating of 9 per ASTM D1654.
23. Smart device with mobile application required to change system defaults. See controls section for details.
24. Only product configurations with these designated prefixes are built to be compliant with the Buy American Act of 1933 (BAA) or Trade Agreements Act of 1979 (TAA), respectively. Please refer to DOMESTIC PREFERENCES website for more information Components shipped separately may be separately analyzed under domestic preference requirements.
25. For BAA or TAA requirements, Accessories sold separately will be separately analyzed under domestic preference requirements. Consult factory for further information.
26. Only available in 3000K, 4000K or 5000K CCT.
27. Not available with motion sensor controls, including SPB, MS/DIM, LWR or WaveLinx.

Thruway Back Box



Product Specifications

Construction
- Heavy-wall, die-cast aluminum housing and removable hinged door frame
- Optional tamper-resistant fasteners offer vandal resistant access
- IK10 impact rated

Optics
- High-efficiency injection-molded AccuLED optics technology
- 15 optical distributions
- IDA Certified (3000K CCT and warmer only)

Electrical
- Standard with 0-10V dimming
- Standard with Cooper Lighting Solutions proprietary circuit module designed to withstand 10kV of transient line surge
- Suitable for operation in -40°C to 40°C ambient environments. Optional 50°C high ambient (HA) configuration
- Suitable for operation in -40°C to 40°C ambient environments. Optional 50°C high ambient (HA) configuration.

Mounting
- Utilizes "Hook-N-Lock" mounting mechanism, securing to a gasketed and zinc plated mounting attachment
- Two black oxide coated Allen set screws concealed but accessible from below

Finish
- Super durable TGIC polyester powder coat paint, 2.5 mil nominal thickness
- RAL and custom color matches available
- Coastal Construction (CC) option available

Warranty
- Five year limited warranty, consult website for details. www.cooperlighting.com/legal

COOPER Lighting Solutions

Cushing Terrell
cushingterrell.com
800.757.9522

Tires LES SCHWAB

LES SCHWAB TIRE CENTER - PARKER, CO
6-BAY LINEAR STORE
12236 SLICEROO DR, PARKER, CO

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CIVIL CDS

07.11.2023
DRAWN BY | GRAGG
CHECKED BY | GRAGG
REVISIONS
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DETAIL SHEET

E200