Turtle Friendly Lighting

Elcast produces products designed for dark sky and turtle friendly optimal illumination – with the lowest operating and reduced maintenance costs.

ELCAST LIGHTING

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Turtle Friendly Lighting

Contents

ELCAST LIGHTING

815 S. Kay Ave., Addison, IL 60101 USA

TF-800 Series

TURTLE FRIENDLY **TF**

LED Architectural Recessed or Surface Ceiling Mount

Type:

Catalog Number:

Project/Location:

Approved By:

SPECIFICATIONS

Housing: Heavy-duty construction of corrosion resistant die cast aluminum. Provided with (1) 3/4" KO. Decorative die-cast aluminum frames. Please see page 2 for multiple face plate options. All external hardware shall be stainless steel.

Gasket: Closed cell silicone foam gasket. Seals out moisture, dust, and insects for weather-tight operation.

Mounting: Recessed or optional surface ceiling.

Lens: One piece clear or white opal, impact resistant 1/8" thick UV stabilized polycarbonate lens.

Driver: Constant current and Universal input voltage 120-277V, 50-60Hz line voltage frequency. Operating temperature -20°C to 40°C, Power Factor ≥ .90.

LED: Specify amber (A), blue (B), green (G), red (R), or 3000 (30K), 3500 (35K), 4000 (40K), and 5000 (50K) – 40K standard.

Lumens: 470.

Finish/Colors: Zinc based primer with polyester powder coat finish in Matte Black (MB), Matte White (MW), Matt Bronze (BZ), Silver Gray (SG), or a custom color (CC).

Testing: LM79, LM80, ETL.
Conforms to UL Standard 1598. Suitable for wet locations.

See options page and frame options page for additional information or consult factory.

EMERGENCY BATTERY BACKUP AVAILABLE

BOTTOM

11.5" SQ

SIDE 800

SIDE 800 with Surface Box
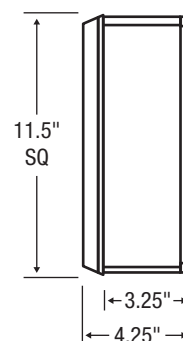
11.5" SQ

10" SQ

11.5" SQ

3.25"

4.25"

3.25"

4.25"

FRAME OPTIONS

1   2

Series	Source	Wattage/Max
800	LED	12W

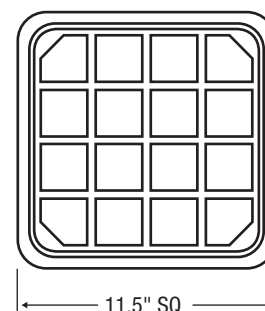## ORDERING EXAMPLE

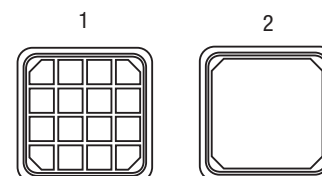800 – 1 – 12WLED – A – 120 – MB

If surface mount, 800S

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REV 05-19

TF-1210 Series

LED Horizontal Architectural Steplight

Type:

Catalog Number:

Project/Location:

Approved By:

SPECIFICATIONS

Housing: Heavy-duty construction of corrosion resistant die cast aluminum. Faceplate shall be secured using stainless steel hardware. Housing provided with 1/2" conduit opening. Suitable for concrete pour.

Gasket: Silicone gasket seals out moisture, dust, and insects for weather-tight operation.

Mounting: Recessed wall or optional surface box.

Lens: 1/8" thick tempered diffused glass lens or impact resistant UV stabilized polycarbonate.

Driver: Solid state electronic constant current. Input voltage 120 or 277V under 6 LED. UNV voltage over 6 LED. Operating temperature -20°C to 40°C, Power Factor ≥ .90.

LED: Specify amber (A), blue (B), green (G), red (R), or 3000 (30K), 3500 (35K), 4000 (40K), and 5000 (50K) – 40K standard.

Lumens: 230.

Finish/Colors: Zinc based primer with polyester powder coat finish in Matte Black (MB), Matte White (MW), Matte Bronze (BZ), Silver Gray (SG), or a custom color (CC).

Testing: LM79, LM80, ETL.
Conforms to UL Standard 1598. Suitable for wet locations.

Options:

FLA   Harsh environment finish
TF   Turtle Friendly 590 nm Amber LED

S	Surface mount box	2C	Two circuits
SS	Stainless steel frame	EB-LED	Integral LED emergency
TW	Thru wire		backup for 2 modules

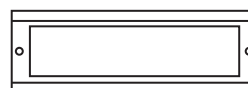*See options page for additional information or consult factory.*

EMERGENCY BATTERY
BACKUP AVAILABLE

Series	Source	Wattage/Max
TF-1210	LED	10W (6W standard)

ORDERING EXAMPLE
TF-1210 – 2 – 10WLED – A – 120 – SG

Dimension diagrams

TOP — 10", 3", .75"

FRONT — 4.5", 12"

SIDE — 4.25", .75" DIA, 3", 1.375", 3.5"
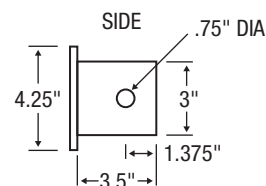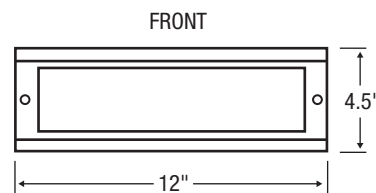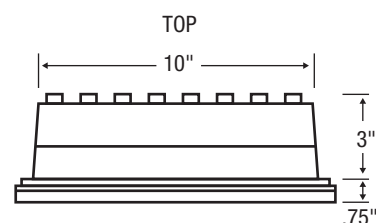
1-LENS FRAME

2-LOUVERS

EXTENDED HOUSING – EB-LED — 4.8", 5.3", 10.1", 3"
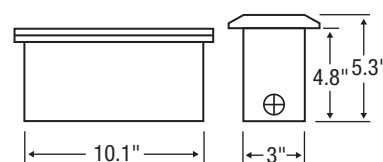
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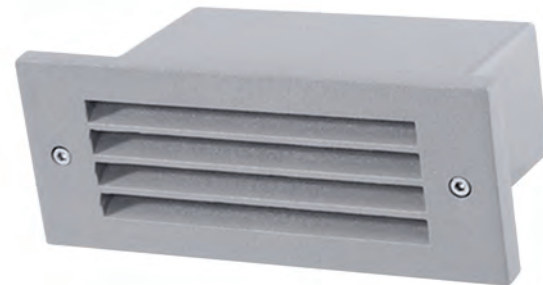
REV 05-19

TF-1216 Series

TURTLE FRIENDLY TF

LED Mini Architectural Steplight

Type:

Catalog Number:

Project/Location:

Approved By:

SPECIFICATIONS

Housing: Heavy-duty construction of corrosion resistant die cast aluminum. Faceplate shall be secured using stainless steel hardware. Housing provided with 1/2" conduit opening. Suitable for concrete pour.

Gasket: Closed cell silicone foam gasket. Seals out moisture, dust, and insects for weather-tight operation.

Mounting: Recessed wall or optional surface box.

Lens: 1/8" thick, tempered, diffused glass or impact resistant UV stabilized, polycarbonate lens.

Driver: Solid state electronic constant current. Input voltage 120 Volt only. Operating temperature -20°C to 40°C, Power Factor $\geq$ .90.

LED: Specify amber (A), blue (B), green (G), red (R), or 3000 (30K), 3500 (35K), 4000 (40K), and 5000K (50K). 40K Standard.

Lumens: 120.

Finish/Colors: Zinc based primer with polyester powder coat finish in Matte Black (MB), Matte White (MW), Matte Bronze (BZ), Silver Gray (SG), or a custom color (CC).
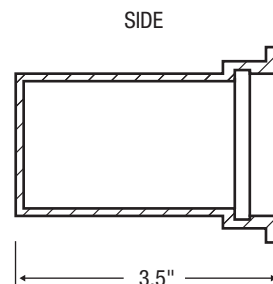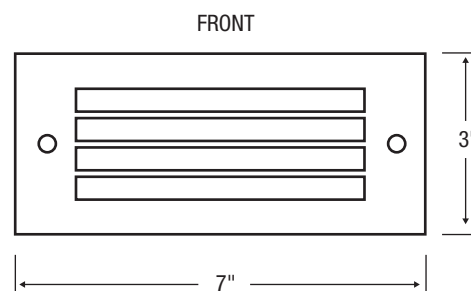
Testing: LM79, LM80, ETL.
Conforms to UL Standard 1598. Suitable for wet locations.

Options:
FLA   Harsh environment finish
TF   Turtle Friendly 590 nm Amber LED

See options page for additional information or consult factory.

EMERGENCY BATTERY BACKUP AVAILABLE

Series	Source	Wattage/Max
TF-1216	LED	3W – 120 Volt only

ORDERING EXAMPLE
TF-1216 – 2 – 3WLED – A – 120 – MB

FRONT

3"

7"

SIDE

3.5"

FRAME OPTIONS

1-LENS FRAME
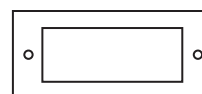
2-LOUVERS
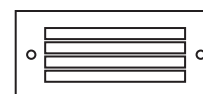
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REV 05-19

TF-1303 Series

TURTLE FRIENDLY **TF**

LED Architectural Down Wall Mount

Type:

Catalog Number:

Project/Location:

Approved By:

SPECIFICATIONS

Housing: Heavy-gauge of corrosion resistant formed aluminum housing.

Gasket: Closed cell silicone foam gasket. Seals out moisture, dust, and insects for weather-tight operation.

Mounting: Surface wall with supplied quick mount plate.

Lens: 1/8" thick UV stabilized polycarbonate lens or tempered glass.

Driver: Solid state electronic constant current. Input voltage 120 or 12/24 Volt only. Operating temperature -20°C to 40°C, Power Factor $\geq$ .90.

LED: Specify amber (A), blue (B), green (G), red (R), or 3000 (30K), 3500 (35K), 4000 (40K), and 5000 (50K) – 40K standard.

Lumens: 70.

Finish/Colors: Zinc based primer with polyester powder coat finish in Matte Black (MB), Matte White (MW), Matte Bronze (BZ), Silver Gray (SG), or a custom color (CC).

Testing: LM79, LM80, ETL.
Conforms to UL Standard 1598. Suitable for wet locations.

Options:

FLA   Harsh environment finish
TF   Turtle Friendly 590 nm Amber LED
LV   12/24 volt operation (transformer by others)

*See options page for additional information or consult factory.*

EMERGENCY BATTERY BACKUP AVAILABLE

SIDE

3.5" DIA
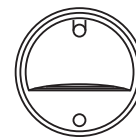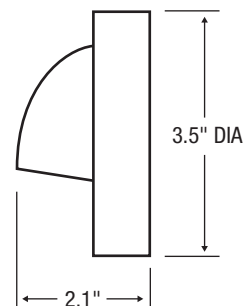
2.1"

Series	Source	Wattage/Max
TF-1303	LED	2W

ORDERING EXAMPLE

TF-1303 – 2WLED – A – 120 – MB

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TF-1400 Series

TURTLE FRIENDLY **TF**

LED Mini Quarter Sphere Up or Down Wall Mount

Type:

Catalog Number:

Project/Location:

Approved By:

SPECIFICATIONS

Housing: Heavy-duty construction of corrosion resistant die cast aluminum. Stainless steel hardware.

Gasket: Closed cell silicone foam gasket. Seals out moisture, dust, and insects for weather-tight operation.

Mounting: Surface wall over standard J-box.

Lens: Tempered 1/8" thick clear glass retained with die cast aluminum door frame.

Driver: Constant current and Universal input voltage 120-277V, 50-60Hz line voltage frequency. Operating temperature -20°C to 40°C, Power Factor ≥ .90.

LED: Specify amber (A), blue (B), green (G), red (R), or 3000 (30K), 3500 (35K), 4000 (40K), and 5000K (50K). 40K Standard.

Lumens: 385.

Finish/Colors: Zinc based primer with polyester powder coat finish in Matte Black (MB), Matte White (MW), Matte Bronze (BZ), Silver Gray (SG), or a custom color (CC).

Testing: LM79, LM80, ETL.
Conforms to UL Standard 1598. Suitable for wet locations.

Options:
FLA   Harsh environment finish
TF   Turtle Friendly 590 nm Amber LED

See options page for additional information or consult factory.

EMERGENCY BATTERY BACKUP AVAILABLE

Series	Source	Wattage/Max
TF-1400	LED	10W

ORDERING EXAMPLE
TF-1400 – 10WLED – A – 120 – MB

FRONT

6.5"

10.25"

SIDE

4.625"

7"   1"

BACK

(1) .5" Threaded Pipe Hole

3"
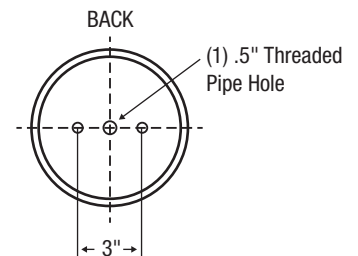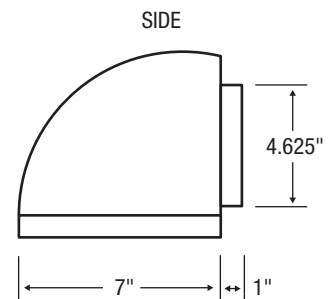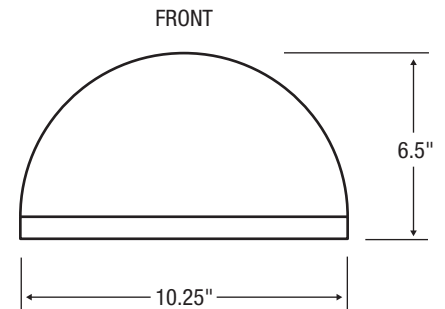
OPTIONAL UPLIGHT – UP

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REV 05-19

TF-1455 Series

LED Quarter Sphere Wall Mount
Downlight Only

Type:

Catalog Number:

Project/Location:

Approved By:

SPECIFICATIONS

Housing: Heavy-duty construction of corrosion resistant die cast aluminum. Stainless steel hardware.

Gasket: Closed cell silicone foam gasket. Seals out moisture, dust, and insects for weather-tight operation.

Mounting: "Quick Mount" plate for easy mounting over standard J-box.

Lens: Tempered 1/8" thick clear glass, retained with die cast aluminum door frame.

Driver: Constant current and Universal input voltage 120-277V, 50-60Hz line voltage frequency. Operating temperature -20°C to 40°C, Power Factor ≥ .90.

LED: Specify amber (A), blue (B), green (G), red (R), or 3000 (30K), 3500 (35K), 4000 (40K), and 5000K (50K). 40K Standard.

Lumens: 1155.

Finish/Colors: Zinc based primer with polyester powder coat finish in Matte Black (MB), Matte White (MW), Matte Bronze (BZ), Silver Gray (SG), or a custom color (CC).

Testing: LM79, LM80, ETL.
Conforms to UL Standard 1598. Suitable for wet locations.

Distribution:
FT   Forward throw
ST   Standard throw
WT   Wide throw

Options:
FLA   Harsh environment finish
TF   Turtle Friendly 590 nm Amber LED

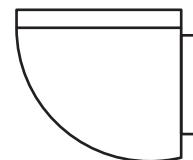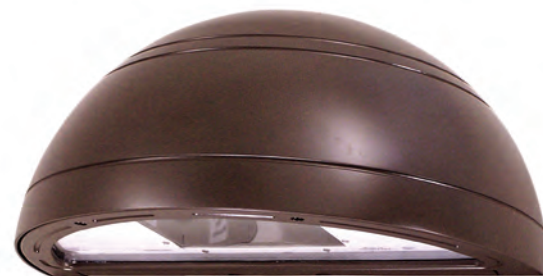*See options page for additional information or consult factory.*

EMERGENCY BATTERY BACKUP AVAILABLE

FRONT

9.05"

18.1"

SIDE

9.05"

9.05"

BACK

(1) 1.750" DIA

6.765"   5"

.313" DIA

5"
6"

Series	Source	Wattage/Max
TF-1455	LED	30W

ORDERING EXAMPLE
TF-1455 – 30WLED – A – 120 – MB
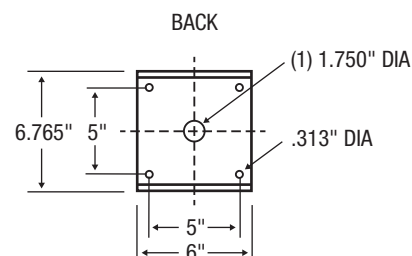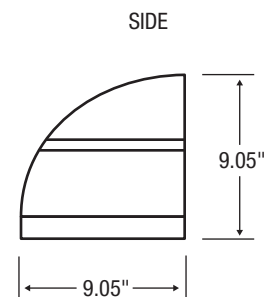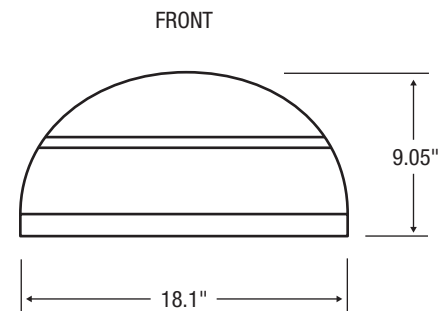
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REV 05-19

TF-1460 Series

LED Architectural Down Wall Mount

Type:

Catalog Number:

Project/Location:

Approved By:

SPECIFICATIONS

Housing: Heavy-duty construction of corrosion resistant die cast aluminum. Stainless steel hardware.

Gasket: Closed cell silicone foam gasket. Seals out moisture, dust, and insects for weather-tight operation.

Mounting: "Quick Mount" plate for easy mounting over standard J-box.

Lens: Tempered 1/8" thick clear glass, retained with die cast aluminum door frame.

Driver: Constant current and Universal input voltage 120-277V, 50-60Hz line voltage frequency. Operating temperature -20°C to 40°C, Power Factor ≥ .90.

LED: Specify amber (A), blue (B), green (G), red (R), or 3000 (30K), 3500 (35K), 4000 (40K), and 5000K (50K). 40K Standard.

Lumens: 1155.

Finish/Colors: Zinc based primer with polyester powder coat finish in Matte Black (MB), Matte White (MW), Matte Bronze (BZ), Silver Gray (SG), or a custom color (CC).

Testing: LM79, LM80, ETL.
Conforms to UL Standard 1598. Suitable for wet locations.

Distribution:
FT   Forward throw   ST   Standard throw
WT   Wide throw

Options:
FLA   Harsh environment finish
TF   Turtle Friendly 590 nm Amber LED

See options page for additional information or consult factory.

EMERGENCY BATTERY BACKUP AVAILABLE

FRONT

7.25"

18"

SIDE

7.25"

9"

BACK

(1) 1.750" DIA

6.765"   5"

.313" DIA

5"

6"

Series	Source	Wattage/Max
TF-1460	LED	28W–D

ORDERING EXAMPLE
TF-1460 – 28WLED – A – 120 – MB
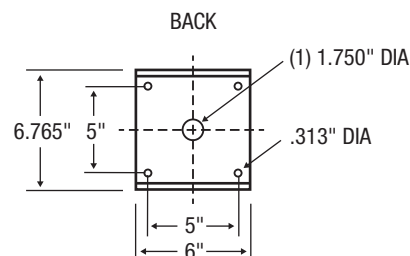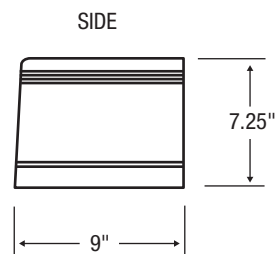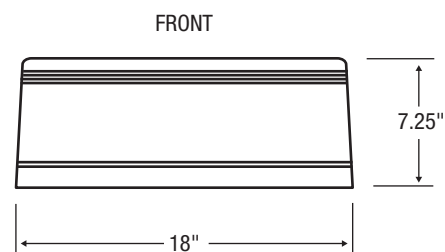
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REV 05-19

TF-1470 Series

LED Cut-off Wall Sconce

Type:

Catalog Number:

Project/Location:

Approved By:

SPECIFICATIONS

Housing: Heavy-duty construction of corrosion resistant die cast aluminum. Stainless steel hardware.

Gasket: Closed cell silicone foam gasket. Seals out moisture, dust, and insects for weather-tight operation.

Mounting: "Quick Mount" plate for easy mounting over standard J-box.

Lens: Tempered 1/8" thick clear glass, retained with die cast aluminum door frame.

Driver: Constant current and Universal input voltage 120-277V, 50-60Hz line voltage frequency. Operating temperature -20°C to 40°C, Power Factor ≥ .90.

LED: Specify amber (A), blue (B), green (G), red (R), or 3000 (30K), 3500 (35K), 4000 (40K), and 5000K (50K). 40K Standard.

Lumens: 1155.

Finish/Colors: Zinc based primer with polyester powder coat finish in Matte Black (MB), Matte White (MW), Matte Bronze (BZ), Silver Gray (SG), or a custom color (CC).

Testing: LM79, LM80, ETL.
Conforms to UL Standard 1598. Suitable for wet locations.

Distribution:
FT   Forward throw
ST   Standard throw
WT   Wide throw

Options:
FLA   Harsh environment finish
TF   Turtle Friendly 590 nm Amber LED

See options page for additional information or consult factory.

EMERGENCY BATTERY BACKUP AVAILABLE

FRONT

14"

7"

16.5"

SIDE

7"

9.25"

BACK

(1) 1.750" DIA

6.765"   5"

.313" DIA

5"

6"

Series	Source	Wattage/Max
TF-1470	LED	30W

ORDERING EXAMPLE
TF-1470 – 30WLED – A – 120 – MB

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TF-1476 Series

LED Architectural Down Wall Mount

Type:

Catalog Number:

Project/Location:

Approved By:

SPECIFICATIONS

Housing: Heavy-gauge of corrosion resistant formed aluminum housing.

Gasket: Closed cell silicone foam gasket. Seals out moisture, dust, and insects for weather-tight operation.

Mounting: Surface wall with supplied quick mount plate.

Lens: 1/8" thick UV stabilized polycarbonate lens or tempered glass.

Driver: Constant current and Universal input voltage 120-277V, 50-60Hz line voltage frequency. Operating temperature -20°C to 40°C, Power Factor ≥ .90.

LED: Specify amber (A), blue (B), green (G), red (R), or 3000 (30K), 3500 (35K), 4000 (40K), and 5000 (50K) – 40K standard.

Lumens: 210.

Finish/Colors: Zinc based primer with polyester powder coat finish in Matte Black (MB), Matte White (MW), Matte Bronze (BZ), Silver Gray (SG), or a custom color (CC).

Testing: LM79, LM80, ETL.
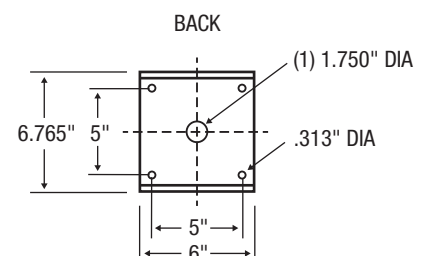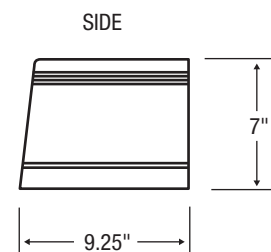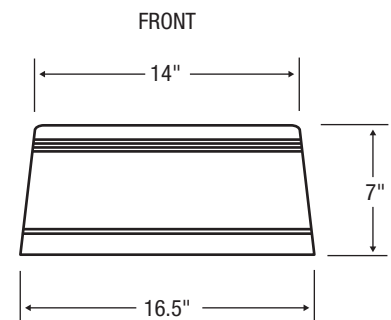Conforms to UL Standard 1598. Suitable for wet locations.

Options:

FLA   Harsh environment finish
TF   Turtle Friendly 590 nm Amber LED

See options page for additional information or consult factory.

EMERGENCY BATTERY BACKUP AVAILABLE

FRONT

6"
4"
7"
4"

TOP

6"
3.25"

Series	Source	Wattage/Max
TF-1474	LED	6W

ORDERING EXAMPLE

TF-1474 – 6WLED – A – 120 – MB
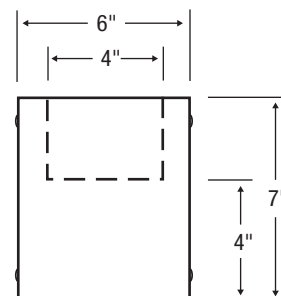
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REV 05-19

TF-1490 Series

LED Cut-Off Wall Sconce

Type:

Catalog Number:

Project/Location:

Approved By:

SPECIFICATIONS

Housing: Heavy-duty construction of corrosion resistant die cast aluminum. Stainless steel hardware.

Gasket: Closed cell silicone foam gasket. Seals out moisture, dust, and insects for weather-tight operation.

Mounting: Surface wall over standard J-box.

Lens: Tempered 1/8" thick clear glass, retained with die cast aluminum door frame.

Driver: Constant current and Universal input voltage 120-277V, 50-60Hz line voltage frequency. Operating temperature -20°C to 40°C, Power Factor ≥ .90.

LED: Specify amber (A), blue (B), green (G), red (R), or 3000 (30K), 3500 (35K), 4000 (40K), and 5000K (50K). 40K Standard.

Lumens: 1155.

Finish/Colors: Zinc based primer with polyester powder coat finish in Matte Black (MB), Matte White (MW), Matte Bronze (BZ), Silver Gray (SG), or a custom color (CC).

Testing: LM79, LM80, ETL.
Conforms to UL Standard 1598. Suitable for wet locations.

Distribution:
FT   Forward throw   ST   Standard throw
WT   Wide throw

Options:
FLA   Harsh environment finish
TF   Turtle Friendly 590 nm Amber LED

*See options page for additional information or consult factory.*

EMERGENCY BATTERY BACKUP AVAILABLE

FRONT

9"

14"

SIDE

11"

Series	Source	Wattage/Max
TF-1490	LED	28W

ORDERING EXAMPLE
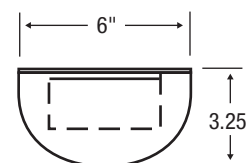TF-1490 – 28WLED – A – 120 – MB
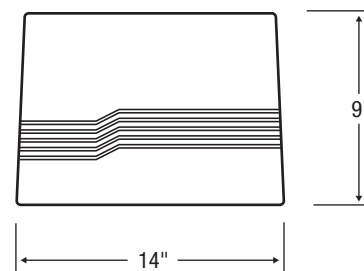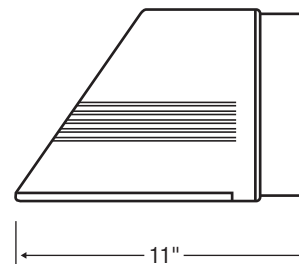
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REV 05-18

TF-1495 Series

LED Up or Down Wall Sconce

TURTLE FRIENDLY TF

Type:

Catalog Number:

Project/Location:

Approved By:

SPECIFICATIONS

Housing: Heavy-duty construction of corrosion resistant die cast aluminum. Stainless steel hardware.

Gasket: Closed cell silicone foam gasket. Seals out moisture, dust, and insects for weather-tight operation.

Mounting: "Quick Mount" plate for easy mounting over standard J-box.

Lens: Tempered 1/8" thick clear glass, retained with die cast aluminum door frame.

Driver: Constant current and Universal input voltage 120-277V, 50-60Hz line voltage frequency. Operating temperature -20°C to 40°C, Power Factor ≥ .90.

LED: Specify amber (A), blue (B), green (G), red (R), or 3000 (30K), 3500 (35K), 4000 (40K), and 5000K (50K). 40K Standard.

Lumens: 1155.

Finish/Colors: Zinc based primer with polyester powder coat finish in Matte Black (MB), Matte White (MW), Matte Bronze (BZ), Silver Gray (SG), or a custom color (CC).

Testing: LM79, LM80, ETL.
Conforms to UL Standard 1598. Suitable for wet locations.

Distribution:
FT   Forward throw   ST   Standard throw
V   Symmetrical   N   Narrow 1x1 beam

Options:
FLA   Harsh environment finish
TF   Turtle Friendly 590 nm Amber LED

*See options page for additional information or consult factory.*

EMERGENCY BATTERY BACKUP AVAILABLE

Series	Source	Wattage/Max
TF-1495	LED	28W

ORDERING EXAMPLE
TF-1495 – 28WLED – A – 120 – MB
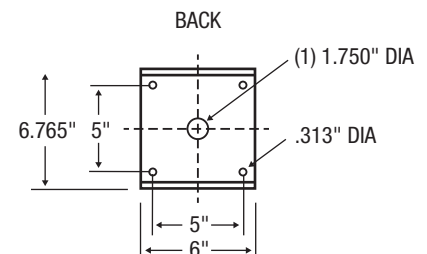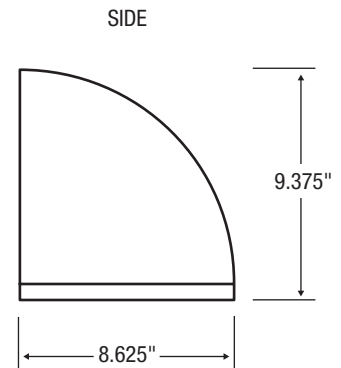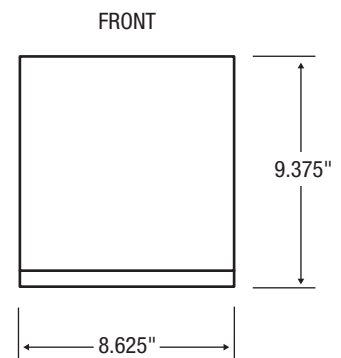
FRONT
9.375"
8.625"

SIDE
9.375"
8.625"

BACK
(1) 1.750" DIA
6.765" 5"
.313" DIA
5"
6"

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REV 05-19

TF-1800-4-PM Series

TURTLE FRIENDLY TF

LED Architectural Surface or Pendant Mount

Type:

Catalog Number:

Project/Location:

Approved By:

SPECIFICATIONS

Housing: Heavy-gauge of corrosion resistant formed aluminum housing.

Gasket: Closed cell silicone foam gasket. Seals out moisture, dust, and insects for weather-tight operation.

Mounting: Pendant mount with 1/16" diameter 10' stainless steel adjustable aircraft cables or 3/8" round stem with canopy.

Lens: 1/8" thick UV stabilized polycarbonate lens or tempered glass.

Driver: Constant current and Universal input voltage 120-277V, 50-60Hz line voltage frequency. Operating temperature -20°C to 40°C, Power Factor ≥ .90.

LED: Specify amber (A), blue (B), green (G), red (R), or 3000 (30K), 3500 (35K), 4000 (40K), and 5000 (50K) – 40K standard.

Lumens: 420.

Finish/Colors: Zinc based primer with polyester powder coat finish in Matte Black (MB), Matte White (MW), Matte Bronze (BZ), Silver Gray (SG), or a custom color (CC).

Testing: LM79, LM80, ETL.
Conforms to UL Standard 1598. Suitable for wet locations.

Options:
FLA   Harsh environment finish
TF   Turtle Friendly 590 nm Amber LED

See options page for additional information or consult factory.

EMERGENCY BATTERY BACKUP AVAILABLE

Series	Source	Wattage/Max
TF-1800-4-PM	LED	12W

ORDERING EXAMPLE
TF-1800-4-PM – 12WLED – A – 120 – MB

FRONT
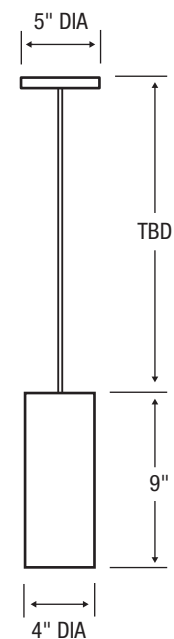
5" DIA

TBD

9"

4" DIA

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REV 05-19

TF-1800-6-PM Series

TURTLE FRIENDLY TF

LED Architectural Surface or Pendant Mount

Type:

Catalog Number:

Project/Location:

Approved By:

SPECIFICATIONS

Housing: Heavy-gauge of corrosion resistant formed aluminum housing.

Gasket: Closed cell silicone foam gasket. Seals out moisture, dust, and insects for weather-tight operation.

Mounting: Pendant mount with 1/16" diameter 10' stainless steel adjustable aircraft cables.

Lens: 1/8" thick UV stabilized polycarbonate lens or tempered glass.

Driver: Constant current and Universal input voltage 120-277V, 50-60Hz line voltage frequency. Operating temperature -20°C to 40°C, Power Factor ≥ .90.

LED: Specify amber (A), blue (B), green (G), red (R), or 3000 (30K), 3500 (35K), 4000 (40K), and 5000 (50K) – 40K standard.

Lumens: 620.

Finish/Colors: Zinc based primer with polyester powder coat finish in Matte Black (MB), Matte White (MW), Matte Bronze (BZ), Silver Gray (SG), or a custom color (CC).

Testing: LM79, LM80, ETL.
Conforms to UL Standard 1598. Suitable for wet locations.

Options:
FLA   Harsh environment finish
TF   Turtle Friendly 590 nm Amber LED

*See options page for additional information or consult factory.*

EMERGENCY BATTERY BACKUP AVAILABLE

FRONT

5" DIA

TBD

12"

6"

6" DIA

18" DIA

Series	Source	Wattage/Max
TF-1800-6-PM	LED	18W

ORDERING EXAMPLE
TF-1800-6-PM – 18WLED – A – 120 – MB
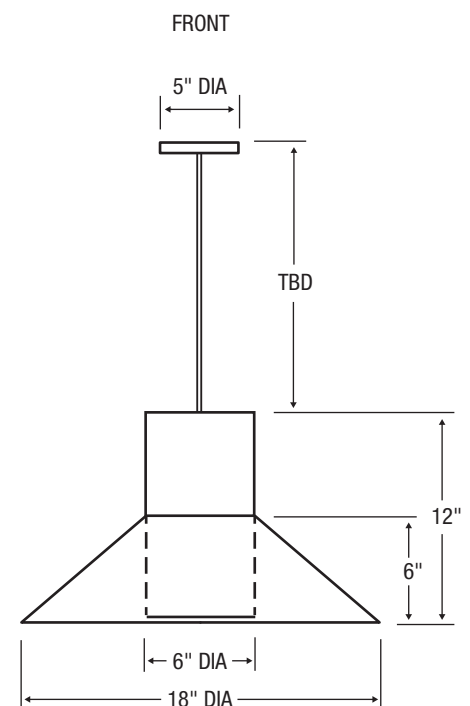
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boilerplate
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REV 05-19

TF-1800-D Series

LED Architectural Down Cylinder

Type:

Catalog Number:

Project/Location:

Approved By:

SPECIFICATIONS

Housing: Heavy-duty construction of corrosion resistant extruded aluminum. Stainless steel hardware.

Gasket: Closed cell silicone foam gasket. Seals out moisture, dust, and insects for weather-tight operation.

Mounting: Surface (S), Wall (W), or Pendant Mount (PM) over standard J-box.

Lens: 1/8" thick clear tempered glass.

Driver: Constant current and Universal input voltage 120-277V, 50-60Hz line voltage frequency. Operating temperature -20°C to 40°C, Power Factor ≥ .90.

LED: Specify amber (A), blue (B), green (G), red (R), or 3000 (30K), 3500 (35K), 4000 (40K), and 5000K (50K). 40K Standard.

Lumens: 1155.

Finish/Colors: Zinc based primer with polyester powder coat finish in Matte Black (MB), Matte White (MW), Matte Bronze (BZ), Silver Gray (SG), or a custom color (CC).

Testing: LM79, LM80, ETL.
Conforms to UL Standard 1598. Suitable for wet locations.

Options:
BR   Black baffle regressed lens
FLA Harsh environment finish
TF   Turtle Friendly 590 nm Amber LED

Down Light available in 6" or 8" DIA.

See options page for additional information or consult factory.

EMERGENCY BATTERY BACKUP AVAILABLE

SIDE

12.225"

8"   4"

TOP

Series	Source	Wattage/Max
TF-1800-D	LED	28W

ORDERING EXAMPLE
TF-1800-D – 28WLED – A – 120 – MB
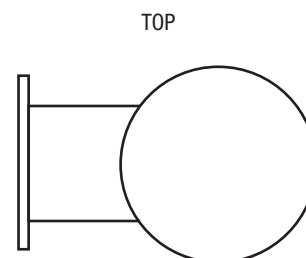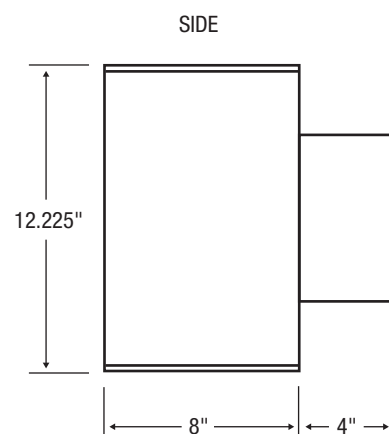
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REV 05-19

TF-6000 Series

LED Architectural Down Wall Mount

Type:

Catalog Number:

Project/Location:

Approved By:

SPECIFICATIONS

Housing: Heavy-gauge of corrosion resistant formed aluminum housing.

Gasket: Closed cell silicone foam gasket. Seals out moisture, dust, and insects for weather-tight operation.

Mounting: Surface wall with supplied quick mount plate.

Lens: 1/8" thick UV stabilized polycarbonate lens or tempered glass.

Driver: Constant current and Universal input voltage 120-277V, 50-60Hz line voltage frequency. Operating temperature -20°C to 40°C, Power Factor ≥ .90.

LED: Specify amber (A), blue (B), green (G), red (R), or 3000 (30K), 3500 (35K), 4000 (40K), and 5000 (50K) – 40K standard.

Lumens: 1155.

Finish/Colors: Zinc based primer with polyester powder coat finish in Matte Black (MB), Matte White (MW), Matte Bronze (BZ), Silver Gray (SG), or a custom color (CC).

Testing: LM79, LM80, ETL.
Conforms to UL Standard 1598. Suitable for wet locations.

Options:

FLA   Harsh environment finish
TF   Turtle Friendly 590 nm Amber LED

See options page for additional information or consult factory.

EMERGENCY BATTERY BACKUP AVAILABLE

Series	Source	Wattage/Max
TF-6000	LED	30W

ORDERING EXAMPLE

TF-6000 – 30WLED – A – 120 – MB
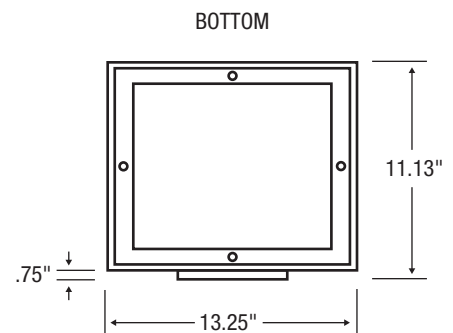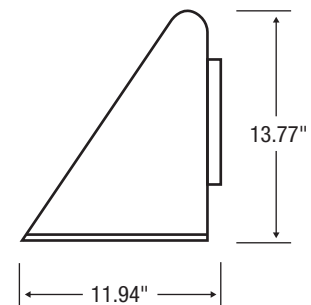
BOTTOM

11.13"

.75"

13.25"

SIDE

13.77"

11.94"

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TF-BC-28 Series

TURTLE FRIENDLY **TF** 🐢

LED Architectural Bollard

Type:

Catalog Number:

Project/Location:

Approved By:

SPECIFICATIONS

Housing: Heavy-duty construction of corrosion resistant extruded and cast aluminum. Stainless steel hardware.

Gasket: Closed cell silicone foam gasket. Seals out moisture, dust, and insects for weather-tight operation.

Mounting: Secures with 3/8" x 6" galvanized anchor bolts.

Lens: 1/8" thick UV stabilized 2447 acrylic.

Driver: Constant current and Universal input voltage 120-277V, 50-60Hz line voltage frequency. Operating temperature -20°C to 40°C, Power Factor ≥ .90.

LED: Specify amber (A), blue (B), green (G), red (R), or 3000 (30K), 3500 (35K), 4000 (40K), and 5000K (50K). 40K Standard.

Lumens: 210.

Finish/Colors: Zinc based primer with polyester powder coat finish in Matte Black (MB), Matte White (MW), Matte Bronze (BZ), Silver Gray (SG), or a custom color (CC).

Testing: LM79, LM80, ETL.
Conforms to UL Standard 1598. Suitable for wet locations.

Options:

FLA   Harsh environment finish
TF   Turtle Friendly 590 nm Amber LED

*See options page for additional information or consult factory.*

⚡ **EMERGENCY BATTERY BACKUP AVAILABLE**

Series	Source	Wattage/Max
TF-BC-28	LED	6W

ORDERING EXAMPLE
TF-BC-28 – 6WLED – A – 120 – MB
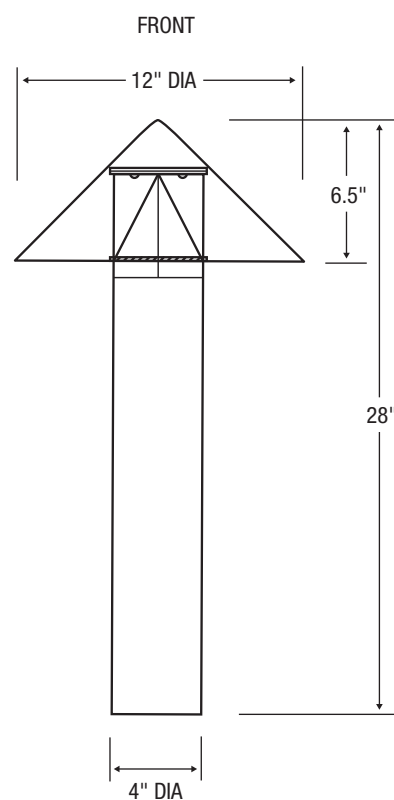
FRONT

12" DIA

6.5"

28"

4" DIA

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REV 05-19

TF-BR-42 Series

LED Architectural Vandal Resistant Bollard

Type:

Catalog Number:

Project/Location:

Approved By:

SPECIFICATIONS

Housing: Heavy-duty construction of corrosion resistant extruded aluminum. Heavy-duty corrosion resistant die-cast aluminum top cap with 6 die-cast louvers.

Gasket: Closed cell silicone foam gasket. Seals out moisture, dust, and insects for weather-tight operation.

Mounting: Secures with 3/8"x6" galvanized anchor bolts.

Lens: 1/8" thick, opal UV stabilized, polycarbonate lens. Provides Type V symmetrical distribution.

Driver: Constant current and Universal input voltage 120-277V, 50-60Hz line voltage frequency. Operating temperature -20°C to 40°C, Power Factor ≥ .90.

LED: Specify amber (A), blue (B), green (G), red (R), or 3000 (30K), 3500 (35K), 4000 (40K), and 5000 (50K) – 40K standard.

Lumens: 840.

Finish/Colors: Zinc based primer with polyester powder coat finish in Matte Black (MB), Matte White (MW), Matte Bronze (BZ), Silver Gray (SG), or a custom color (CC).

Testing: LM79, LM80, ETL.
Conforms to UL Standard 1598. Suitable for wet locations.

Options:
FLA   Harsh environment finish
TF   Turtle Friendly 590 nm Amber LED
HSS   House side shield, specify 90°, 180° or 270°

See options page for additional information or consult factory.

EMERGENCY BATTERY BACKUP AVAILABLE

FRONT

BASE

42"

6"

8"

Bolt Circle 6" dia

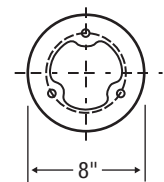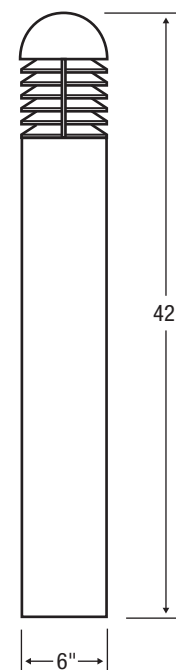| Series	Source	Wattage/Max
TF-BR-42	LED	24W

ORDERING EXAMPLE
TF-BR-42 – 24WLED – A – 120 – MB

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TF-CSM-812-FL Series

TURTLE FRIENDLY TF

LED Surface Ceiling Mount

Type:

Catalog Number:

Project/Location:

Approved By:

SPECIFICATIONS

Housing: Heavy-duty construction of corrosion resistant die cast aluminum. Stainless steel hardware.

Gasket: Closed cell silicone foam gasket. Seals out moisture, dust, and insects for weather-tight operation.

Mounting: Ceiling over standard J-box.

Lens: One piece impact resistant polycarbonate lens.

Driver: Constant current and Universal input voltage 120-277V, 50-60Hz line voltage frequency. Operating temperature -20°C to 40°C, Power Factor ≥ .90.

LED: Specify amber (A), blue (B), green (G), red (R), or 3000 (30K), 3500 (35K), 4000 (40K), and 5000K (50K). 40K Standard.

Lumens: 2100.

Finish/Colors: Zinc based primer with polyester powder coat finish in Matte Black (MB), Matte White (MW), Matte Bronze (BZ), Silver Gray (SG), or a custom color (CC).

Testing: LM79, LM80, ETL.
Conforms to UL Standard 1598. Suitable for wet locations.

Options:
FLA   Harsh environment finish
TF   Turtle Friendly 590 nm Amber LED
HSS   House side shield, specify 90°, 180° or 270°

See options page for additional information or consult factory.

EMERGENCY BATTERY BACKUP AVAILABLE

Series	Source	Wattage/Max
TF-CSM-812-FL	LED	60W

ORDERING EXAMPLE
TF-CSM-812-FL – 60WLED – A – 120 – MB

SIDE

9.5"

12.25"

BOTTOM

12.25"

12.25"
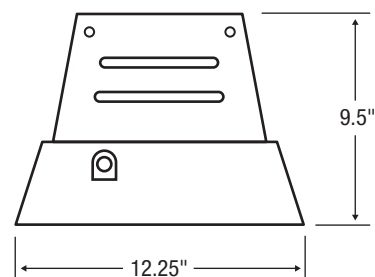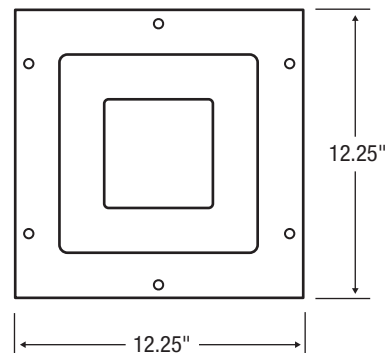
Optional HSS Shield
Specify number of sides.
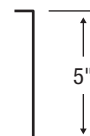
5"

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REV 05-19

TF-CVT-WM Series

LED Commercial Series Vapor Tights

Type:

Catalog Number:

Project/Location:

Approved By:

WALL MOUNT

SIDE

5.5"

4"

SPECIFICATIONS

Housing and Guard: Heavy-duty construction of corrosion resistant die cast aluminum.

Gasket: Closed cell silicone foam gasket. Seals out moisture, dust and insects for weather-tight operation.

Mounting: Surface wall (wire access on four sides and back), ceiling (wire access on four sides and top) or pendant mount (wire access on top) over standard J-box. Threaded for 3/4" conduit.

Lens: Regressed 2447 white acrylic.

Driver: Constant current input voltage 120V only, 50-60Hz line voltage frequency. Operating temperature -20°C to 40°C, Power Factor $\geq$ .90.

LED: Specify amber (A), blue (B), green (G), red (R), or 3000 (30K), 3500 (35K), 4000 (40K), and 5000K (50K). 40K Standard.

Lumens: 385.

Finish/Colors: Zinc based primer with polyester powder coat finish in Matte Black (MB), Matte White (MW), Matte Bronze (BZ), Silver Gray (SG), or a custom color (CC). SG standard.

Testing: LM79, LM80, ETL.
Conforms to UL Standard 1598. Suitable for wet locations.

Options:

FLA   Harsh environment finish
TF   Turtle Friendly 590 nm Amber LED

See options page for additional information or consult factory.

EMERGENCY BATTERY BACKUP AVAILABLE

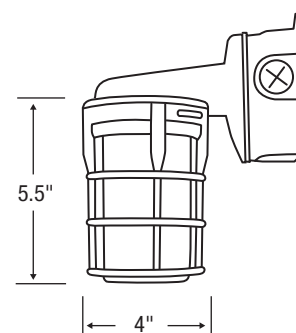| Series	Source	Wattage	Max Wattage
TF-CVT-WM	LED	TW	12

ORDERING EXAMPLE

TF-CVT-WM – 6LED – A – 120 – SG

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Options – Alphabetical

2C	Two Circuits.	1200 Series, Wall Packs
BPC	Button Photo Cell	Wall Mount Series
BR	Black Baffle	1800 Series
CB	Custom Beams	1800 Series
CE	Conduit Entry Hub.	110 Series
CI	Color Insert	110S Series
D	Down Only.	Wall Packs, 1800 Series
DIM	Dimming 0-10V.	All Series > 6W LED
FT	Forward Throw Type IV.	Wall Packs
FLA	Harsh Environment Finish	All Series
GFI	Ground Fault Interrupt	Bollards
HSS	House Side Shield.	Bollards
IBLS	Bi-Level Motion Sensor	Wall Packs, Bollards
IMS	Integral Motion Sensor	Wall Packs, Bollards
PC	Photo Cell	Wall Mount Series
PM	Pendant Mount	1800 Cylinders
SM	Surface Mount.	1200 Series, 1800 Series
SS	Stainless Steel Frame.	1200 Series
ST	Standard Throw Type III	Wall Packs
TF	Turtle Friendly 590nm Amber LED	All Series
TP	Tamper Proof Screws	All Series
TW	Thru Wiring	1200 Series
UD	Up/Down	1800 Series, 1480 Series, 1460 Series
UP	Uplight Only.	1800 Series, 1460 Series, 6000 Series
VG	Polycarbonate Vandal Guard	Wall Packs
WT	Wide Throw Type II	Wall Packs

EM OPTIONS

EB-LED	Integral EM Driver / Battery / 2 LED Modules	All Series
ETI-LED	Integral EM Driver / Battery to back up to 20WLED	Consult Factory
ETIR-LED	Remote Mount EM Driver / Battery to back up to 20WLED	All Series

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Options – By Category

ALL SERIES

FLA   Harsh Environment Finish
TF   Turtle Friendly 590nm Amber LED
TP   Tamper Proof Screws

ALL SERIES > 6W LED

DIM   Dimming 0-10V

110 SERIES

CE   Conduit Entry Hub

110S SERIES

CI   Color Insert

1200 SERIES

2C   Two Circuits
SM   Surface Mount
SS   Stainless Steel Frame
TW   Thru Wiring

1460 SERIES

UD   Up/Down
UP   Uplight Only

1480 SERIES

UD   Up/Down

1800 CYLINDERS

PM   Pendant Mount

1800 SERIES

BR   Black Baffle
CB   Custom Beams
D   Down Only
SM   Surface Mount
UD   Up/Down
UP   Uplight Only

600 SERIES

UP   Uplight Only

BOLLARDS

GFI   Ground Fault Interrupt
HSS   House Side Shield
IBLS   Bi-Level Motion Sensor
IMS   Integral Motion Sensor

WALL MOUNT SERIES

BPC   Button Photo Cell
PC   Photo Cell

WALL PACKS

2C   Two Circuits
D   Down Only
FT   Forward Throw Type IV
IBLS   Bi-Level Motion Sensor
IMS   Integral Motion Sensor
ST   Standard Throw Type III
VG   Polycarbonate Vandal Guard
WT   Wide Throw Type II

EM OPTIONS

EB-LED   Integral EM Driver / Battery / 2 LED Modules . . . .   All Series
ETI-LED   Integral EM Driver / Battery to back up to 20WLED . . . .   Consult Factory
ETIR-LED   Remote Mount EM Driver / Battery to back up to 20WLED . . . .   All Series

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