



IP66

Downloads

[Product Images \(.zip\)](#)

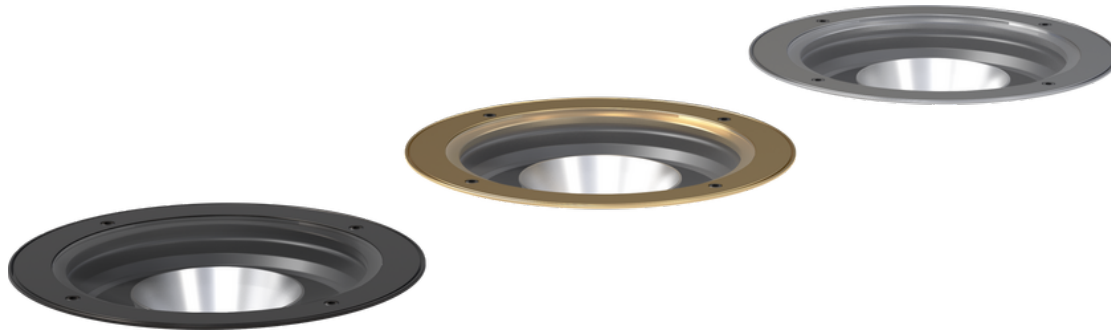
[Technical Drawing \(.zip\)](#)

[IES Files \(.zip\)](#)

[BIM - Revit \(.zip\)](#)

[Installation Instructions \(.pdf\)](#)

Product Variant Examples



TY2 - In-grade - Line Voltage - LED COB

Available Logic & Configurations

TY2- 01 **IN-** 02 **LID-** 03 **LCB-** 04 **-** 05 **FFM-** 06B

01 SERIES

TY2 - TY2

02 CATEGORY

IN - In-grade

03 DRIVER

LID - Line Voltage

04 LIGHT SOURCE (TYPE)

LCB - LED COB

- 07 **-** 08 **-** 09 **-** 10A **-** 10B **WL00-** 11 **-** 12 **-** 13

07 LIGHT SOURCE

- x43 - 2700K CRI80 - 34W
- x44 - 3000K CRI80 - 34W
- x45 - 4000K CRI80 - 34W
- x46 - 2700K CRI80 - 42W (2707 - 3817 lm)
- x47 - 3000K CRI80 - 42W (2888 - 4071 lm)
- x48 - 4000K CRI80 - 42W (3008 - 4241 lm)
- x49 - 2700K CRI80 - 57W (3517 - 4958 lm)
- x50 - 3000K CRI80 - 57W (3794 - 5348 lm)
- x51 - 4000K CRI80 - 57W (3952 - 5571 lm)

08 OPTIC

- SP** - Spot (18°)
- NFL** - Narrow Flood (25°)
- FL** - Flood (40°)
- WFL** - Wide Flood (60°)
- WW** - Wall Wash

05 MATERIAL

- AL** - Aluminum
- BR** - Brass
- SS** - Stainless Steel

06B MOUNT

FFM - Faceplate Flush Mount

09 CONTROL

- 010** - 0-10V (120V,277V)
- 010-ARC** - 0-10V (%0.1 - 100. 120V,277V. 34W or 42W only.)

10A LENS

- 09** - Clear (Standard)
- 12** - Soft Focus

10B SHIELDING

- 00** - Not included (Standard)
- 11** - Honeycomb Baffle

11 WIRING LENGTH

WL00 - Standard

12 FINISH

- Standard Finishes
- BLP, BZP, WHP, SAP, BLW, BZW, WHW, VER**
- Premium Finishes
- CMG, SMG, RMG, AMG, TXF, BCM, BGE, WCP, OCP, HUG, ABP, BPP, SDS,**
- WIR, CAP, CRM, AQW, NBP**
- Other - RAL
- RAL**
- Other - Custom Color
- CUS**
- Brass Finishes
- MAB, POB, MIT**
- Stainless Steel Finishes
- MAS, POS**

13 OPTION

- AH-TY2** - Accessory Holder - TY2
- IC** - Internal Cutoff Louver
- XL** - Extra Load Lens (Rated for 55,000 lb. drive-over load)
- TC-TY2** - Traction Control Lens - TY2
- GM-R-TY2** - Round Grout Mask - TY2
- GM-S-TY2** - Square Grout Mask - TY2
- GS-TY2** - Glare Shield - TY2
- HD-TY2** - Half Dome - TY2
- RG-TY2** - Rock Guard - TY2
- RO-TY2** - Rock Guard with Optical Opening - TY2

NOTE: Not all configurations may be compatible with one another. Please configure the product for specific 2D, Photometry, Downloads, Spec Sheet and Compatible mountings and power supplies.

Features



Anti-condensation vent allows moisture to exit the fixture but never enter in



Internal optics with adjustable aim



Lens factory adhered to fixture cap providing hermetically sealed optical compartment



Secured with flush, countersunk tamper resistant hardware



Machined solid billet faceplate provides unmatched strength and durability



Heavy wall corrosion-free composite housing for direct burial in soil or concrete



Designed and engineered for easy install



Manufactured in the USA with sustainable processes



Water-tight anti-siphon plug prevents moisture ingress from wireways



Easily replaceable modular components reduce waste and extend fixture life

Technical

Driver: Line Voltage

Light Source (Type): LED COB

Material: Aluminum, Brass, Stainless Steel

CCT (K): 2700, 3000, 4000

CRI: 80

Input Power (W): 34, 42, 57

Delivered Lumens (lm): 1860 - 5571

Beam Angle (°): 18, 25, 40, 60

Control: 0-10V (120V,277V), 0-10V (%0.1 - 100. 120V,277V. 34W or 42W only.)

Mount: Faceplate Flush Mount

Lens: Clear (Standard), Soft Focus

Shielding: Not included (Standard), Honeycomb Baffle

Wiring Length: Standard

Finish: Standard Finishes, Premium Finishes, Other - RAL, Other - Custom Color, Brass Finishes, Stainless Steel Finishes

Option: Internal Cutoff Louver, Accessory Holder - TY2, Round Grout Mask - TY2, Square Grout Mask - TY2, Glare Shield - TY2, Half Dome - TY2, Rock Guard - TY2, Rock Guard with Optical Opening - TY2, Traction Control Lens - TY2, Extra Load Lens (Rated for 55,000 lb. drive-over load)

Material Detail: Furnished in stainless steel (304), Furnished in brass (360), Furnished in copper-free aluminum (6061-T6).

Aiming: Dual axis OptiLock® stainless steel aiming bracket rotates 360° and provides vertical adjustment up to 35° from nadir. Positive lock action eliminates need for adjustment.

Light Source Detail: COB (Chip on Board) technology and modular design with electrical quick disconnects.

Optics: Interchangeable optics permit changes in the field.

Hardware: Tamper-resistant, stainless steel hardware. Hardware is black oxide treated for additional corrosion resistance.

Sealing: High temperature silicone 'O' Ring at faceplate. HydroLock® technology provides fail-safe water barrier between junction box and interior components.

Note: If you choose a Lens and/or Shielding option, Accessory Holder required.

Finish Detail: Powder coat or metal finish options available for brass material., Metal finish option only for stainless steel material., StarGuard, our 15-stage chromate-free process, cleans and conversion coats aluminum components prior to application of Class 'A' TGIC polyester powder coating. It is RoHS compliant.

Warranty: 5-year limited warranty.

TY2 - In-grade - Line Voltage - LED COB

Finishes

STANDARD FINISHES



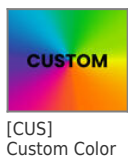
PREMIUM FINISHES



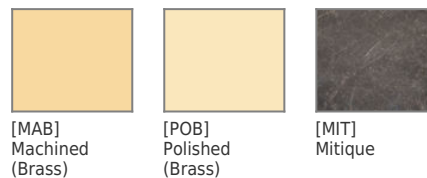
OTHER - RAL



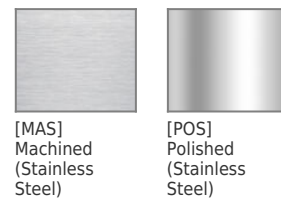
OTHER - CUSTOM COLOR



BRASS FINISHES



STAINLESS STEEL FINISHES



TY2 - In-grade - Line Voltage - LED COB

Light Source

Light Source	Optic	Beam Angle	CCT (K)	CRI	R9	Input Power (W)	Delivered Lumens (Lm)	CBCP
x43	WW - Wall Wash		2700	80	>15	34		
x43	SP - Spot	18	2700	80	>15	34	2591	19118
x43	NFL - Narrow Flood	25	2700	80	>15	34	1915	5435
x43	FL - Flood	40	2700	80	>15	34	2212	3840
x43	WFL - Wide Flood	60	2700	80	>15	34	1860	2697
x44	WW - Wall Wash	60	3000	80	>15	34		
x44	SP - Spot	18	3000	80	>15	34	2703	19949
x44	NFL - Narrow Flood	25	3000	80	>15	34	1998	5672
x44	FL - Flood	40	3000	80	>15	34	2308	4007
x44	WFL - Wide Flood	60	3000	80	>15	34	1941	2814
x45	WW - Wall Wash	60	4000	80	>15	34		
x45	SP - Spot	18	4000	80	>15	34	2816	20780
x45	NFL - Narrow Flood	25	4000	80	>15	34	2081	5908
x45	FL - Flood	40	4000	80	>15	34	2404	4174
x45	WFL - Wide Flood	60	4000	80	>15	34	2022	2931
x46	NFL - Narrow Flood	25	2700	80	>15	42	3817	15755
x46	FL - Flood	40	2700	80	>15	42	3288	4985
x46	WFL - Wide Flood	60	2700	80	>15	42	2707	3386
x47	NFL - Narrow Flood	25	3000	80	>15	42	4071	16805
x47	FL - Flood	40	3000	80	>15	42	3507	5317
x47	WFL - Wide Flood	60	3000	80	>15	42	2888	3612
x48	NFL - Narrow Flood	25	4000	80	>15	42	4241	17505
x48	FL - Flood	40	4000	80	>15	42	3653	5339
x48	WFL - Wide Flood	60	4000	80	>15	42	3008	3725
x49	NFL - Narrow Flood	25	2700	80	>15	57	4958	20563
x49	FL - Flood	40	2700	80	>15	57	4271	6507
x49	WFL - Wide Flood	60	2700	80	>15	57	3517	4420
x50	NFL - Narrow Flood	25	3000	80	>15	57	5348	22181
x50	FL - Flood	40	3000	80	>15	57	4607	7019
x50	WFL - Wide Flood	60	3000	80	>15	57	3794	4767
x51	NFL - Narrow Flood	25	4000	80	>15	57	5571	23105
x51	FL - Flood	40	4000	80	>15	57	4799	7311
x51	WFL - Wide Flood	60	4000	80	>15	57	3952	4966