

DATE: _____ PROJECT: _____ TYPE: _____

CATALOG NUMBER LOGIC:



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Example: B - TY2 - LED - x43 - NSP - BZW - 12 - D34 - AH

MATERIAL

(Blank) - Aluminum B - Brass S - Stainless Steel

FACEPLATE

TY2 - Flush (Integral Concrete Pour Collar)

OptiLock®

LED - Chip on Board Construction

LED TYPE

x43 - 34W LED/2700K x46 - 42W LED/2700K x49 - 57W LED/2700K

x44 - 34W LED/3000K x47 - 42W LED/3000K x50 - 57W LED/3000K

x45 - 34W LED/4000K x48 - 42W LED/4000K x51 - 57W LED/4000K

OPTICS

NSP - Narrow Spot (18°)* FL - Flood (40°)

NFL - Narrow Flood (25°) WFL - Wide Flood (60°)

WW - Wall Wash*

FINISH (See page 2 for full-color swatches)

Standard Finishes (BZP, BZW, BLP, BLW, WHP, WHW, SAP, VER)

Premium Finish (ABP, AMG, AQW, BCM, BGE, BPP, CAP, CMG, CRM, HUG, NBP, OCP, RMG, SDS, SMG, TXF, WCP, WIR)

Also available in RAL Finishes

Brass Finishes (MAC, POL, MIT)

Stainless Steel Finishes (MAC, POL)

ACCESSORY**

10 - Spread Lens 11 - Honeycomb Baffle 12 - Soft Focus Lens

DRIVER TYPE***

D34 - 34W Dimming Driver (Standard Dimming 1-100%)

D42 - 42W Dimming Driver (Standard Dimming 1-100%)

D57 - 57W Dimming Driver (Standard Dimming 10-100%. For use with 0-10 Dimmer.

D34ARC - 34W Dimming Driver (Architectural Dimming 01-100%)

D42ARC - 42W Dimming Driver (Architectural Dimming 01-100%)

OPTIONS

AH - Accessory Holder

GM-R - Round Grout Mask

GM-S - Square Grout Mask

IC - Internal Cutoff Louver

TC - Traction Control Lens

XL - Extra Load Lens (Rated for 55,000 lb. drive-over load)

GS - Glare Shield****

HD - Half Dome****

RG - Rock Guard****

RO - Rock Guard with Optical Opening****

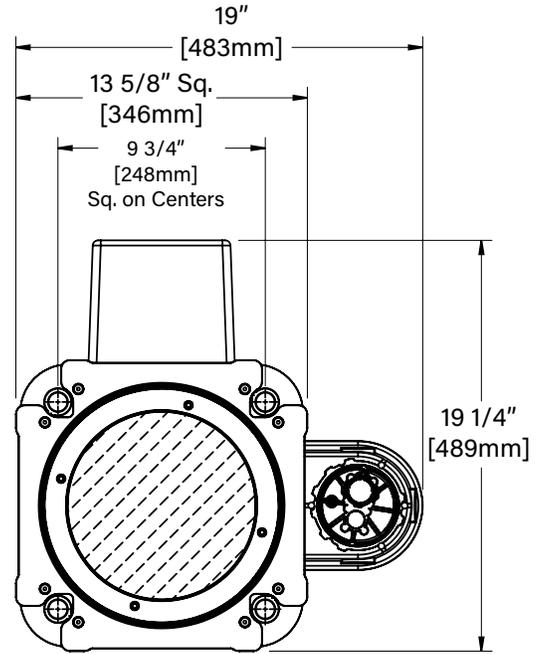
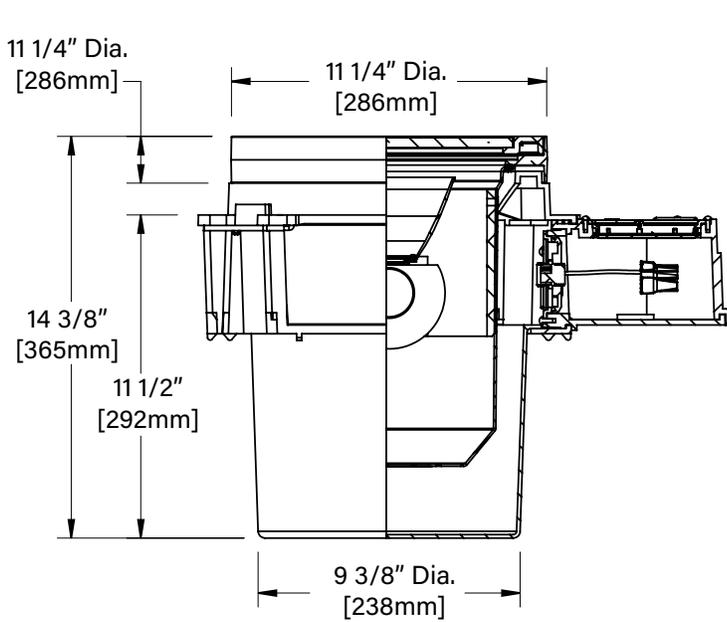
*Only available for x43, x44 and x45.

**Select up to 2. Accessory Holder required. Not available with Wall Wash Optics.

***Driver wattage must match fixture wattage.

****Aluminum only.

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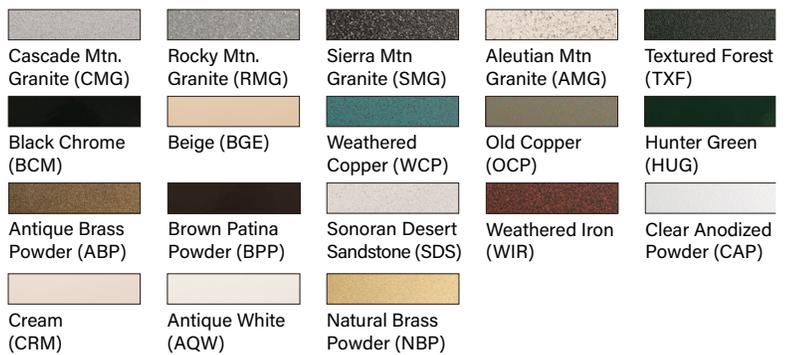


TOP VIEW

STANDARD FINISHES



PREMIUM FINISHES



[Click Here](#) to view larger, full-color swatches of all available finishes on our website.

DATE:	PROJECT:	TYPE:
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ACCESSORIES (Configure separately)

SPECIFICATIONS

ELECTRICAL	WATTAGE	34W, 42W, or 57W LED
	WIRING / CONNECTORS	Teflon® coated wire, 18AWG, 600V, 250°C rated and certified to UL1659 standard. (3) silicone filled connectors supplied for line connection. Maximum (2) #10 & (1) #18. Minimum (1) #12 & (1) #18.
	DRIVER (34-57W)	[1] 1.05A (D34, D42) or 1.4A (D57), Class A, constant current driver. 120-277VAC (nominal) primary input voltage. 50/60Hz. >0.90 Power Factor, <15.0A in-rush current, .20%THD (nominal at 120VAC full load). Output over-voltage, overcurrent, and short circuit protection with auto recovery. EMC: FCC47CFR Part 15 Class B compliant. Dimming driver for use with standard 0-10V dimmers and switch controls. 01- 100% range (Refer to driver electrical data).
PHYSICAL	FIXTURE HOUSING	Corrosion-free housing made from high strength, injection molded composite compound. Glass reinforced, flame retardant and UV stabilized. Integrated walk-over cover provides closure of housing during rough-in and serves as concrete pour cover. Integral bubble level simplifies level housing installation.
	JUNCTION BOX	Top mounted with dual access for wire connection and inspection. Two (2) bottom-entry NPT female conduit entries with knockout plugs and three (3) side flats for conduit adapters.
	PATENTED STABILITY FLANGE	Corrosion-free composite flange projects into installation substrate to reinforce housing stability. Integral REBAR saddles simplify installation into concrete form. Four (4) orthogonal bosses permit use of 1/2" PCV conduit or EMT to simplify vertical position and leveling of housing. Preset self-tapping screws anchor housing at proper elevation.
	FACEPLATE	Options include 5/8" thick machined A356 aluminum, brass, or stainless steel with four (4) black oxide, captive, stainless steel mounting screws. Spring loaded hardware facilitates faceplate removal and 30° horizontal rotation allows linear screw alignment.
	PATENTED ADJUSTABLE LEVELING COLLAR	Copper-free aluminum, machined collar furnished in black (BLP) powder coat finish provides biaxial 4° tilt and 1" elevation adjustment (total travel) for correction of uneven housing installation. Threaded, stainless steel adjustment posts.
	LENS	Shock-resistant, tempered 3/8" borosilicate flat glass. Suitable for walk-over and drive-over applications up to 35,000 lbs. GVW. Optional Extra Load Lens (XL) suitable for use in heavier load installations up to 55,000 lbs. GVW.
	INSTALLATION	Integral, copper-free aluminum concrete pour collar (CPC), permits for direct burial installation in soil or concrete. Consult Drainage Installation Guide for In-Grade Fixtures (DIG-IT) for compliance with proper soil preparation and drainage requirements prior to installation.
	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.
	LED	Integrated solid state system and modular design with electrical quick disconnects permit field upgrade and maintenance. LM-80 certified. Minimum 50,000 hour rated life at 70% of initial lumens (L70). LEDR technology provides long life, significant energy reduction and exceptional thermal management.
	COLOR MANAGEMENT	Chip on board technology delivers natural white light. Exact color point conformity exceeds ANSI C78.377 standard. Module exceeds 80 CRI (RA>80, R9.16). Color point uniformity 2 SDCM color control for 2700K-4000K CCT.
  	OPTICS	Interchangeable, color-coded OPTIKIT modules permit field changes to optical distribution.
	DRIVER ENCLOSURE	IP68 rated enclosure. 16AWG, direct burial electrical cables with watertight, molded electrical quick disconnects. Corrosion free polyamide strain relief connectors.
	WATER MANAGEMENT	Self Evacuating Airtight Lamp (SEAL) Module. IP68 rated, vacuum sealed enclosure. High temperature silicone 'O' Ring at faceplate. HydroLock® technology provides fail-safe water barrier between junction box and interior components.

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SPECIFICATIONS

PHYSICAL	FINISH	StarGuard, our 15-stage chromate-free process cleans and conversion coats aluminum components prior to application of Class 'A' TGIC polyester powder coating and is RoHS compliant.
	WARRANTY	5-year limited warranty.
	CERTIFICATION & LISTING	UL Listed. Certified to CAN/CSA/ANSI Standards. ADA compliant. IP68 Rated. Made in the USA with sustainable processes.



LAMP & DRIVER DATA (x43, x44, x45, x46, x47, x48, x49, x50, x51)

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LM79 DATA

BK No.	CCT (Typ.)	CRI (Typ.)	Input Watts (Typ.)
x43	2700K	80	34W
	2700K	80	34W
	2700K	80	34W
	2700K	80	34W
x44	3000K	80	34W
	3000K	80	34W
	3000K	80	34W
	3000K	80	34W
x45	4000K	80	34W
	4000K	80	34W
	4000K	80	34W
	4000K	80	34W
x46	2700K	80	42W
	2700K	80	42W
	2700K	80	42W
	2700K	80	42W
x47	3000K	80	42W
	3000K	80	42W
	3000K	80	42W
	3000K	80	42W
x48	4000K	80	42W
	4000K	80	42W
	4000K	80	42W
	4000K	80	42W
x49	2700K	80	57W
	2700K	80	57W
	2700K	80	57W
	2700K	80	57W
x50	3000K	80	57W
	3000K	80	57W
	3000K	80	57W
	3000K	80	57W
x51	4000K	80	57W
	4000K	80	57W
	4000K	80	57W
	4000K	80	57W

L70 DATA

Minimum Rated Life (hrs.) 70% of initial lumens (L ₇₀)
50,000
50,000

OPTICAL DATA

Angle	CBCP	Delivered Lumens
18°	19118	2591
25°	5435	1915
40°	3840	2212
60°	2697	1860
18°	19949	2703
25°	5672	1998
40°	4007	2308
60°	2814	1941
18°	20780	2816
25°	5908	2081
40°	4174	2404
60°	2931	2022
18°	~	~
25°	15755	3817
40°	4985	3288
60°	3386	2707
18°	~	~
25°	16805	4071
40°	5317	3507
60°	3612	2888
18°	~	~
25°	17505	4241
40°	5539	3653
60°	3725	3008
18°	~	~
25°	20563	4958
40°	6507	4271
60°	4420	3517
18°	~	~
25°	22181	5348
40°	7019	4607
60°	4767	3794
18°	~	~
25°	23105	5571
40°	7311	4799
60°	4966	3952

OPTICS

Optic	Angle
Narrow Spot	18°
Narrow Flood	25°
Flood	40°
Wide Flood	60°

B-K LIGHTING

MADE IN THE USA

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