

Project:	Type:
Product Code:	Date:

V022724



2" Square Downlight

**SMALL APERTURE** Delivers the ultimate in quiet ceiling designs

**PRECISION LOCK COLLAR** Eliminates over-cutting and ensures perfect cutout

**ARCHITECTURE-GRADE** Deep die-cast aluminum knife edge trim provide unmatched precision and exceptionally easy installation

**DIMMING COMPATIBILITY GUARANTEED** In-house designed integrated driver ensures seamless compatibility with every major lighting control system

INSTALLATION

Ceiling Thickness

New Construction: 1/2" up to 1 1/4"  
Remodel: 5/8" up to 1 1/4"

Ceiling Material

Drywall, Millwork

TRIMS

Style

Standard, Micro Flange, Flangeless, Wall Wash, Decorative

Finish

White, Black, Bronze, Clear Diffuse, Warm Diffuse, Custom (RAL colors)

LIGHT OUTPUT & DISTRIBUTION

Module

Downlight

Lumens (Power)

750 lm (9.5W), 1000 lm (12.5W), 1250 lm (14.3W)

Color Quality

True Spectrum™

Color Temperature

- 2700K 3000K 3500K
- 4000K Warm Dim (3000K–1800K)
- Tunable White (4000K–1800K)
- Tunable White (6500K–2700K)

Beam Spread

- Spot (25°) Flood (40°)
- Wide Flood (60°) Linear Spread

POWER & CONTROLS

Input Voltage

120 / 277V

Dimming

TRIAC/ELV (1%, 120V only), DALI-2 (0.1%)

RATINGS & CERTIFICATIONS

- IC (Insulation Contact) Rated\*
- ASTM E283 Certified Air Tight
- Chicago Plenum
- UL Listed for Wet Location
- RoHS Compliant
- DarkSky Approved\*\*

\* New Construction only; IC for Roll, Batt, Loose Fill and Spray Foam see Housing section for details  
\*\*Downlight only, CCT less than or equal to 3000K, non-decorative trims only

WARRANTY

10 year limited warranty; 50,000 hours

## PRODUCT BUILDER

## HOUSING

PRODUCT CODE		INSTALLATION		SHAPE	
<input type="text"/>		<input type="text"/>		<input type="text"/>	
<b>X2</b>	2" Housing	<b>NC</b>	New Construction	<b>S</b>	Square
		<b>CP</b>	Chicago Plenum		
		<b>RM</b>	Remodel		

## MODULE

PRODUCT CODE		LUMENS		COLORMETRIC		CCT		BEAM SPREAD		DIMMING	
<input type="text"/>		<input type="text"/>		<input type="text"/>		<input type="text"/>		<input type="text"/>		<input type="text"/>	
<b>ART2D</b>	Downlight	<b>07</b>	750 lm	<b>T</b>	True Spectrum™	<b>27</b>	2700K	<b>SP</b>	Spot (25°)	<b>T</b>	TRIAC/ELV
		<b>10</b>	1000 lm			<b>30</b>	3000K	<b>FL</b>	Flood (40°)	<b>D</b>	DALI-2 <sup>3</sup>
		<b>12</b>	1250 lm			<b>35</b>	3500K	<b>WF</b>	Wide Flood (60°)		
						<b>40</b>	4000K	<b>LS</b>	Linear Spread		
						<b>3W</b>	Warm Dim (3000K - 1800K) <sup>1</sup>				
						<b>T1</b>	Tunable White (4000K - 1800K) <sup>2</sup>				
						<b>T2</b>	Tunable White (6500K - 2700K) <sup>2</sup>				

<sup>1</sup> Only available in 1000 lm; Not available in Spot beam spread<sup>3</sup> Only available in 1000 lm for Tunable White CCT and Warm Dim or 1250 lm with static CCT<sup>2</sup> Only available in 1000 lm, DALI-2 dimming

## TRIM

PRODUCT CODE		FINISH		OPTION	
<input type="text"/>		<input type="text"/>		<input type="text"/>	
<b>X2TSDS</b>	2" Standard Trim	<b>WH</b>	White	<b>[Blank]</b>	None
<b>X2TSDW</b>	2" Wall Wash Trim <sup>4</sup>	<b>BK</b>	Black	<b>MF</b>	Micro Flange <sup>5</sup>
		<b>BZ</b>	Bronze	<b>FL</b>	Flangeless <sup>5,6,7</sup>
		<b>CW</b>	Clear Diffuse, White Flange	<b>DO</b>	Decorative: Open <sup>8</sup>
		<b>WW</b>	Warm Diffuse, White Flange	<b>DF</b>	Decorative: Float <sup>8</sup>
		<b>CC</b>	Custom (RAL colors)		

<sup>4</sup> Recommended with Wide Flood beam spread<sup>7</sup> Not compatible with Remodel Housing<sup>5</sup> Not available in Clear or Warm Diffuse finish<sup>8</sup> Only available in 750 lm, Standard style, White finish<sup>6</sup> Requires Flangeless Mud or Wood Kit

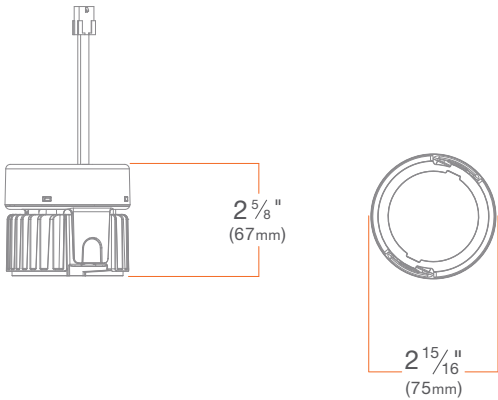
## ACCESSORIES &amp; KITS

<b>X2ODSP</b>	Spot (25°) Optic
<b>X2ODFL</b>	Flood (40°) Optic
<b>X2ODWF</b>	Wide Flood (60°) Optic
<b>X2ODLS</b>	Linear Spread Optic

<b>X2KSMUD</b>	Flangeless Mud Kit <i>(Required for installation of Flangeless Trim in drywall ceiling)</i>
<b>X2KSWOOD</b>	Flangeless Wood Kit <i>(Required for installation of Flangeless Trim in wood ceiling)</i>
<b>X2KSTEMPLATE</b>	Router Template <i>(Recommended for routing 3 3/16" [81mm] cutout for Flangeless Trim in wood ceiling)</i>



MODULE



SUMMARY

	STATIC CCT	WARM DIM	TUNABLE WHITE
CCT	2700K, 3000K, 3500K, 4000K	3000K - 1800K	4000K - 1800K; 6500K - 2700K
LUMENS (POWER)	750 lm (9.5W), 1000 lm (12.5W), 1250 lm (14.3W), 1500 lm (16.5W)	1000 lm (12.0W)	1000 lm (14.3W)
EFFICACY	79 lm/W, 80 lm/W, 87 lm/W, 91 lm/W	83 lm/W	70 lm/W
COLOR QUALITY	True Spectrum™ 98 CRI, 2-step SDCM	True Spectrum™ 93+ CRI, 2-step SDCM	True Spectrum™ 93+ CRI, 3-step SDCM
BEAM SPREAD	Spot (25°), Flood (40°), Wide Flood (60°), Linear Spread (60° x 10°)	Flood (40°), Wide Flood (60°), Linear Spread (60° x 10°)	Spot (30°), Flood (40°), Wide Flood (60°), Linear Spread (60° x 10°)
DIMMING	0-10V, TRIAC/ELV, DALI-2	0-10V, TRIAC/ELV, DALI-2	DALI-2
LED CHIP	Cree Pro9	Bridgelux	Bridgelux
LISTINGS	ENERGY STAR® qualified*, California Title 24 2019 JA8 compliant, UL Listed for Wet Location, UL Certified US-CA, Declare, RoHS compliant		

\* Refer to ENERGY STAR Certified light fixtures database

ADDITIONAL

INPUT VOLTAGE: 120/277V, 50/60Hz	TOTAL HARMONIC DISTORTION: Less than 20%
MAX INPUT CURRENT (120V): 0.13 amps	AMBIENT OPERATING TEMPERATURE: -20°C to 40°C
MAX INPUT CURRENT (277V): 0.06 amps	WARRANTY: 10 year limited warranty; 50,000 hours at 70% lumen maintenance
CONNECTOR: 6-pin Molex	
POWER FACTOR: Greater than 0.9	

## TRIMS



### SUMMARY

**CONSTRUCTION:** Die-cast aluminum

**FINISH:** Wet paint

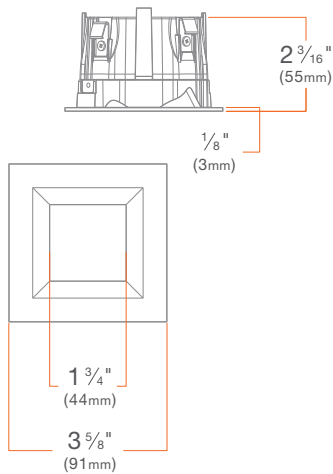
**DECORATIVE:** Acrylic diffuser

**INSTALLATION:** Precision Lock Collar included with Flanged or Micro Flange Trim and Flangeless Mud or Wood Kit

**WARRANTY:** 1 year limited warranty

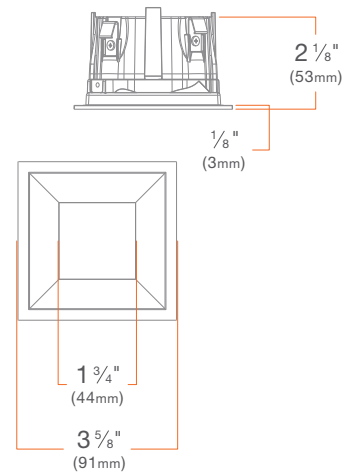
### Standard

#### X2TSDSWH



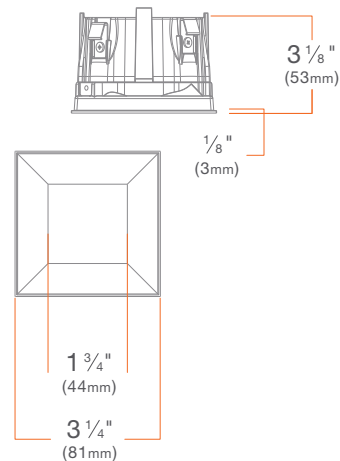
### Micro Flange

#### X2TSDSWHMF



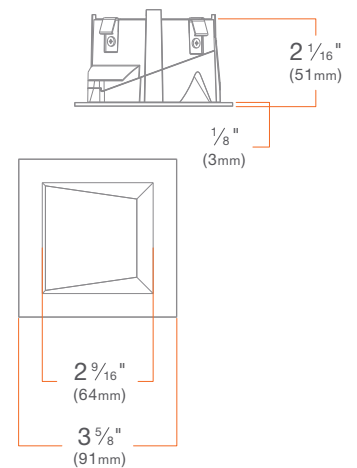
### Flangeless

#### X2TSDSWHFL



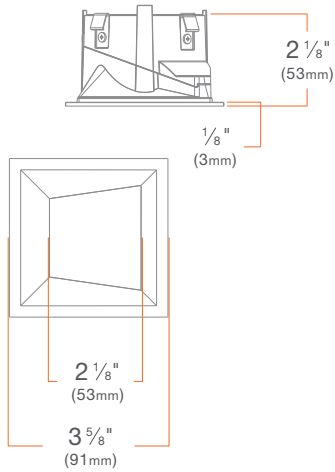
### Wall Wash

#### X2TSDWWH



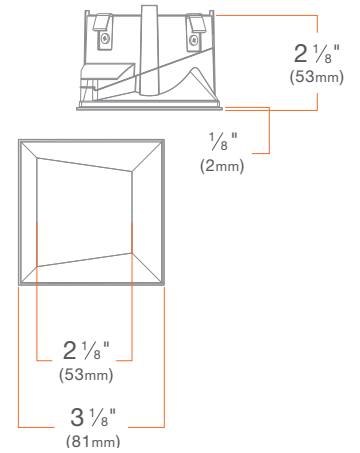
## Wall Wash Micro Flange

**X2TSDWWHMF**



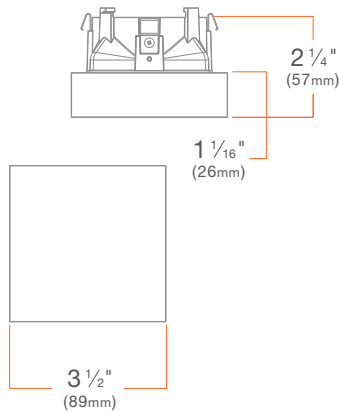
## Wall Wash Flangeless

**X2TSDWWHFL**



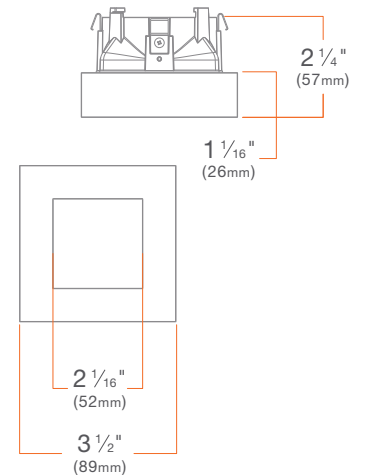
## Decorative: Floating

**X2TSDSWHDF**



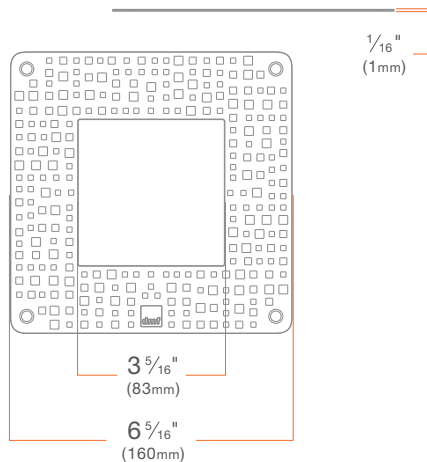
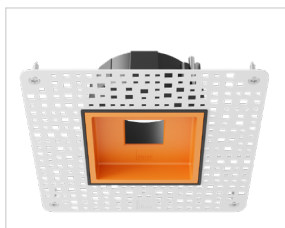
## Decorative: Open

**X2TSDSWHDO**

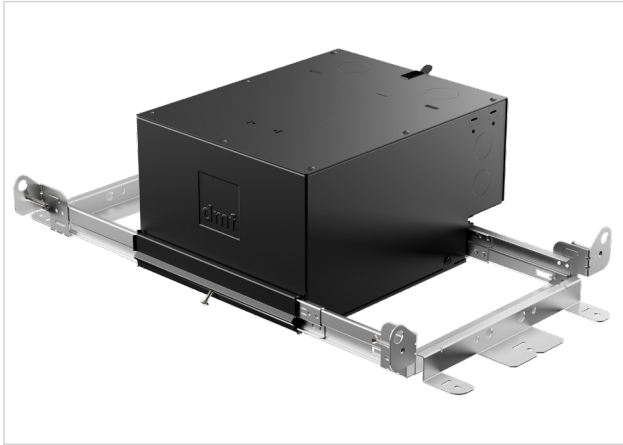


## Flangeless Mud Plate

**X2KSMUD**



## HOUSING



### New Construction **X2NCS** Chicago Plenum **X2CPS**

## SUMMARY

**JUNCTION BOX:** Equipped with six knockouts: four ½" trade size knockouts, two ¾" trade size knockouts, and four romex knockouts. Approved for 8 (four in, four out) #12 AWG 70°C.

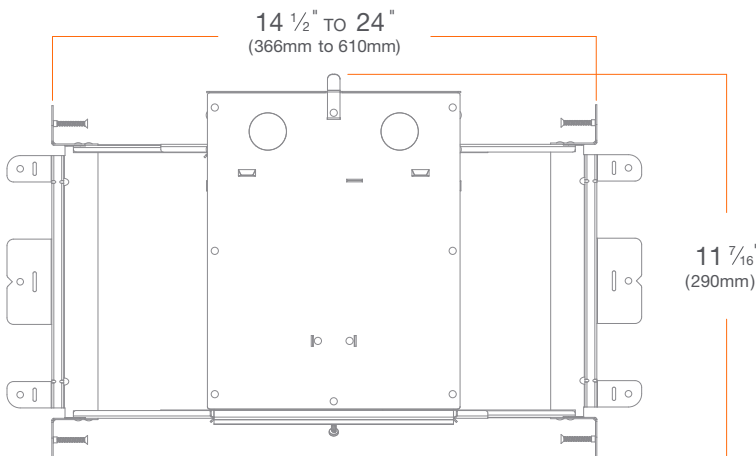
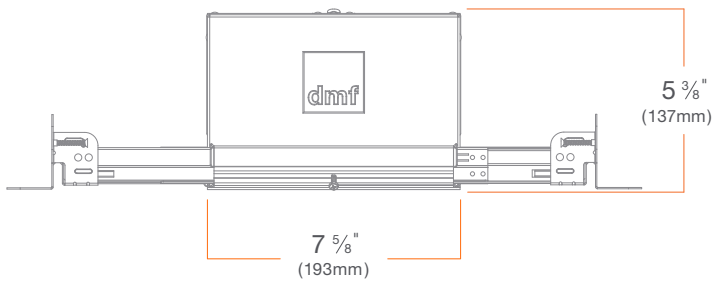
**MOUNTING:** Pre-installed mounting brackets allow vertical adjustment of bar hangers up to 1 ¼".

**CEILING:** ½" up to 1 ¼"

**CUTOUT:** 3 ¼" (82mm) square opening

**LISTINGS:** Chicago Plenum, ASTM E283 certified Air Tight, IC (Insulation Contact) up to R-32 for Roll, Batt, and Loose Fill, up to R-60 Spray Foam with standard trims, up to R-32 Spray Foam with other trims or hex louver.

**WARRANTY:** 1 year limited warranty



## HOUSING



### Remodel

**X2RMS**

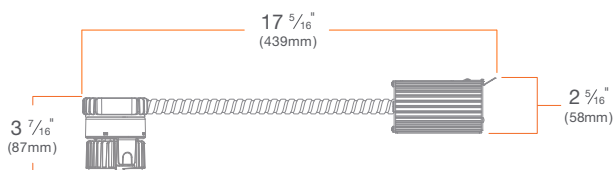
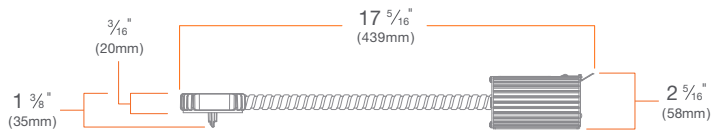
### SUMMARY

**JUNCTION BOX:** Equipped with four knockouts: two 1/2" trade size knockouts and two romex knockouts. Approved for 8 (four in, four out) #12 AWG 70°C.

**CEILING:** 5/8" up to 1 1/4"

**CUTOUT:** 3 1/4" (82mm) square opening

**WARRANTY:** 1 year limited warranty





## PHOTOMETRY

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*Coming Soon*