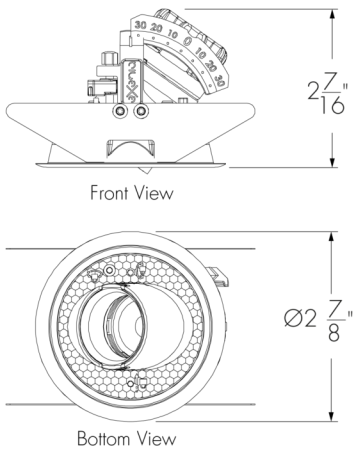


Project Name

Qty

Type

Catalog / Part Number



Photometric Summary

Consult the Photometric Information section of the Specification Sheet for 3000K CRI 92 data. For all other configurations, consult IES files on the Lumenpulse website.

Color and Color Temperature



Color Rendering

CRI 92 CRI 98

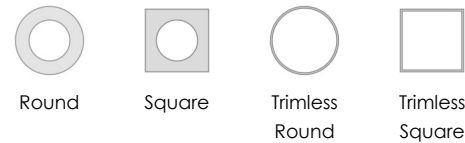
Control

ON/OFF 0-10V Phase Dimming

Finish



Trim Shape



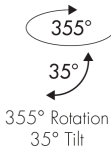
Description

When adjustability is key, the DARK TILT Mini is the secret to your success. With its 1-inch aperture, and unique anti-light-leak system, your ceiling plane will remain closed no matter where you need to aim the light, avoiding the unsightly interior of some ceilings. Up to 40 degrees of tilt and 355-degree rotation, the DARK TILT puts light exactly where you need it.

Features

Trim Shape	TR: Trim TRL: Trimless
Output (Nominal Lumens)	L02: 200 lm L03: 300 lm
Color and Color Temperature	27K: 2700K 30K: 3000K 35K: 3500K 40K: 4000K
Finish	MWHTX: Matte White Txt MBKTX: Matte Black Txt CGY: Concrete Gray GTX: Gold Txt CTX: Copper Txt
Optic (Nominal Distribution)	VN: Very Narrow 7° NS: Narrow Spot 12° ENS: Elliptical Narrow Spot 54° x 12° S: Spot 15° NF: Narrow Flood 25° FL: Flood 35°
Installation Type	RM: Remodel Non-Insulated Ceiling (Non-Plenum Rated) NC: New Construction Non-Insulated Ceiling (Non-Plenum Rated) IC: Insulation Contact Mounting (Can be Used for Plenum Contact, and Air-Tight Mounting Box Applications)

Adjustability



Lumencycle™ Program



Certifications



Optical Accessories	Various optical accessories available, see Optical Accessories Section for details
Warranty	5-year limited warranty
Performance	
Maximum Delivered Output	Up to 420 lm (one fixture head, L03, CRI 92, 40K, FL)
Maximum Delivered Intensity	7,221 cd at nadir (one fixture head, L02, CRI 92, 40K, VN)
Efficacy	Up to 88 lm/W (one fixture head, L02, CRI 92, 40K, FL)
Color Rendering	92: CRI 92 98: CRI 98
Color Consistency	2 SDCM
Lumen Maintenance	L70 120,000 hours L95 19,000 hours
UGR	Optical configurations available to achieve <10 UGR. See IES files for performance data based on exact configurations.
Physical	
Housing Material	Die cast aluminum
Optics Material	Polymethyl methacrylate (PMMA)
Accessory Material	Nylon PA12 (accessory primary ring, and frame only)
Cutout	See Ceiling Requirements section of the specification sheet and installation instructions for details
Ceiling Thickness	0.2 in to 0.71 in
Weight	DT1R Housing With Trim: 0.33 lbs (fixture only) DT1R Housing, Trimless: 0.35 lbs (fixture only) DT1S Housing With Trim: 0.66 lbs (fixture only) DT1S Housing, Trimless: 0.68 lbs (fixture only) DT2R Housing With Trim: 1.28 lbs (fixture only) DT2R Housing, Trimless: 1.32 lbs (fixture only) DT2S Housing With Trim: 1.28 lbs (fixture only) DT2S Housing, Trimless: 1.32 lbs (fixture only) DT3SL Housing With Trim: 1.7 lbs (fixture only) DT3SL Housing, Trimless: 1.75 lbs (fixture only) DT3R Housing With Trim: 1.7 lbs (fixture only) DT3R Housing, Trimless: 1.75 lbs (fixture only) DT3S Housing With Trim: 1.7 lbs (fixture only) DT3S Housing, Trimless: 1.75 lbs (fixture only) DT4R Housing With Trim: 2.29 lbs (fixture only) DT4R Housing, Trimless: 2.36 lbs (fixture only) DT4S Housing With Trim: 2.29 lbs (fixture only) DT4S Housing, Trimless: 2.36 lbs (fixture only) 0.77 lbs (RM Installation Type only) 1.65 lbs (NC Installation Type only) 5.07 lbs (IC Installation Type only) For total weight, combine weight of fixture and weight of installation type
Adjustability	355° Rotation, 35° Tilt

Electrical and Control

Voltage	120/277: 120/277 Volts
Wattage Range	4.4 to 22 Watts Refer to Wattage Information Table for details.
Control	NO: On/Off Control DIM: 0-10V Dimming 1% PH: Phase Dimming 1%

Environmental

Ingress Protection Rating	IP40
Environment	Damp location (interior applications only)
Operating Temperature (Ceiling Cavity Ambient Temperature)	14 °F to 104 °F

Important

Virtual Patent Marking Notice

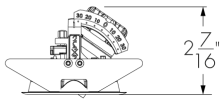
This website (<https://www.lmpg.com/patents-trademarks>) is provided to satisfy the virtual patent marking provisions of applicable jurisdictions. Some products listed may be covered by additional patents not referenced here.

Lumencycle™ Program

Lumencycle is a comprehensive program designed to maximize the life of Lumenpulse fixtures while preserving their performance, quality, and design intent. Built around three pillars—Repair, Restore, and Recycle—the program provides clear pathways to maintain existing installations, restore fixtures, and responsibly manage them at end of life. For full program details, visit <https://www.lumenpulse.com/lumencycle>.

Dimensions

DT1R Housing With Trim and Trimless

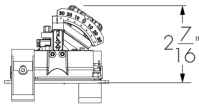


Front View

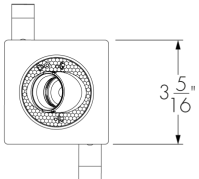


Bottom View

DT1S Housing With Trim

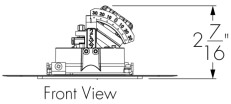


Front View

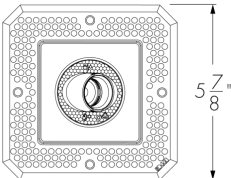


Bottom View

DT1S Housing Trimless

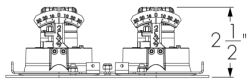


Front View

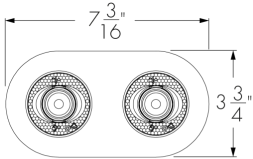


Bottom View

DT2R Housing With Trim

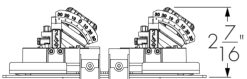


Front View

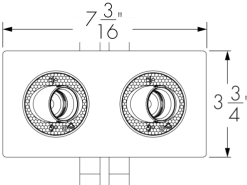


Bottom View

DT2S Housing With Trim

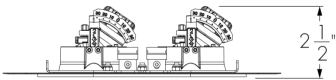


Front View

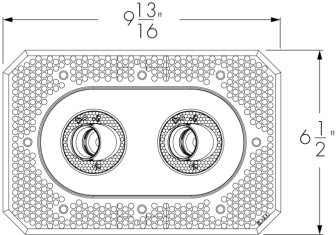


Bottom View

DT2R Housing Trimless

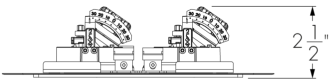


Front View

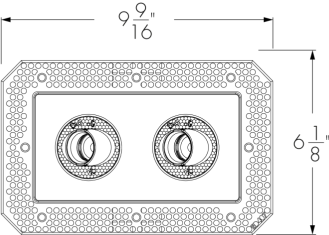


Bottom View

DT2S Housing Trimless



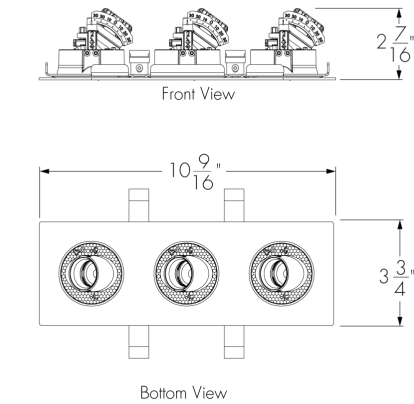
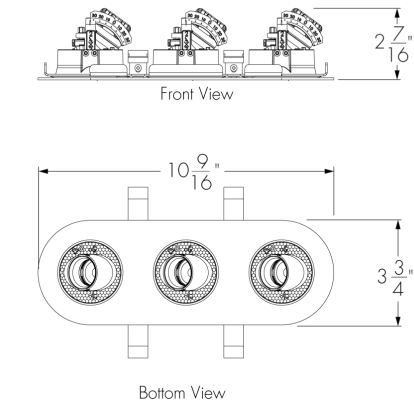
Front View



Bottom View

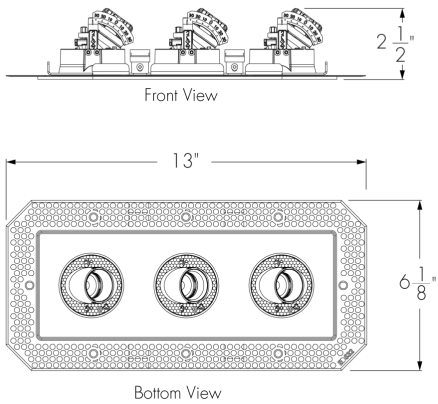
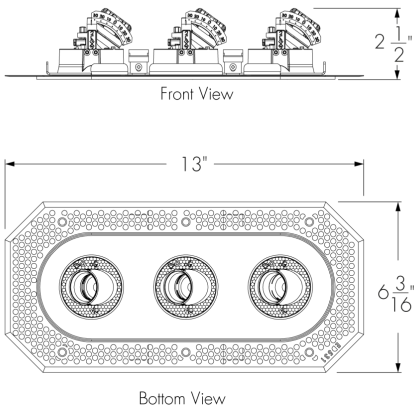
DT3R Housing with Trim

DT3S Housing With Trim

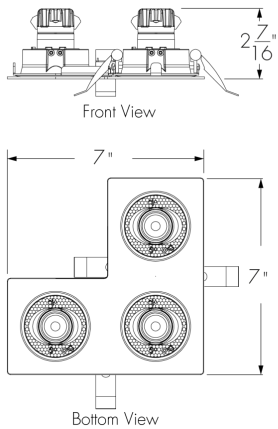


DT3R Housing Trimless

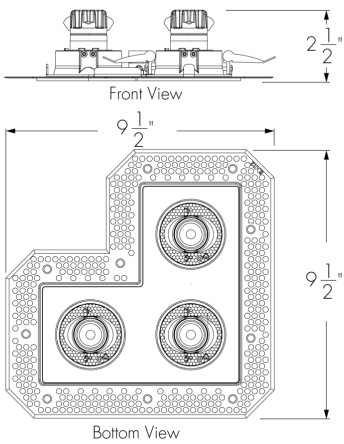
DT3S Housing Trimless



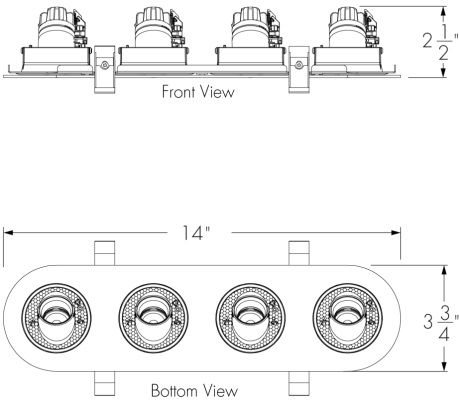
DT3SL Housing With Trim



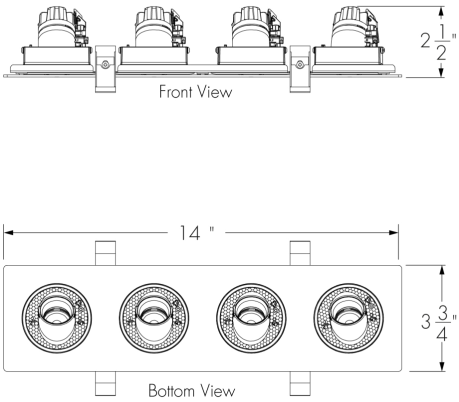
DT3SL Housing Trimless



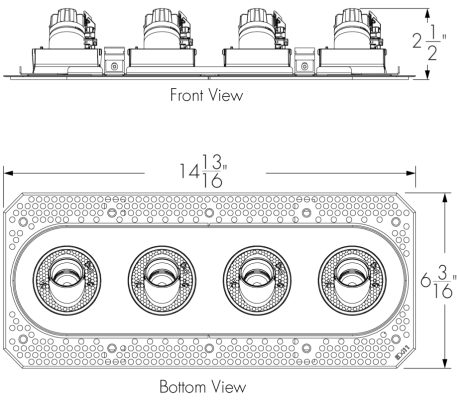
DT4R Housing with Trim



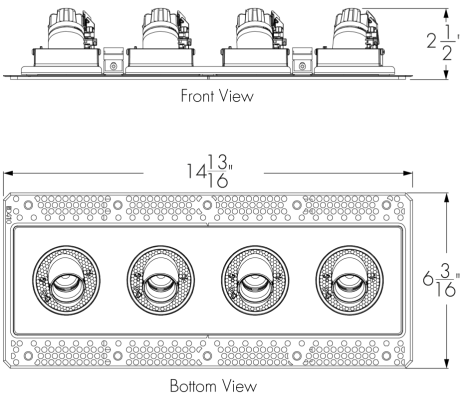
DT4S Housing with Trim



DT4R Housing Trimless

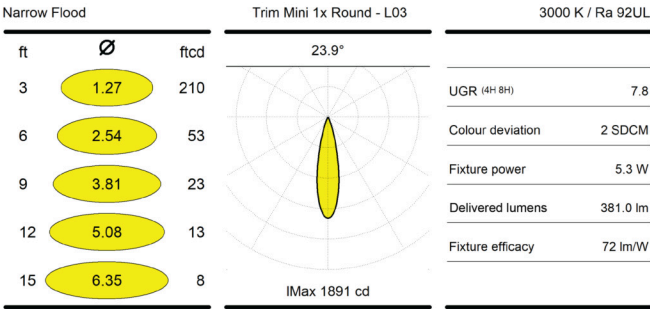


DT4S Housing Trimless

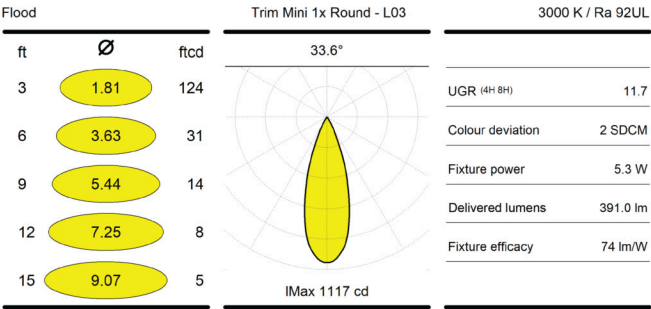


Photometric Information

Narrow Flood, L03, 3000K, CRI 92



Flood, L03, 3000K, CRI 92



The photometric data shown is for one fixture head.
For all other configurations, consult IES files on the Lumenpulse website.

Optical Accessories

HL - Honeycomb

SN - Snoot

VS - Visor

EL - Elliptical Lens



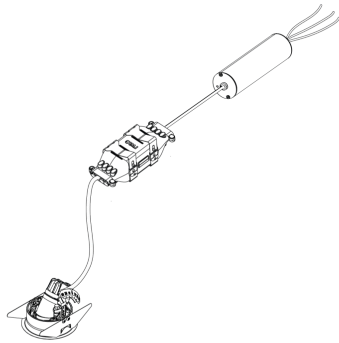
The same accessory will be factory-installed on each fixture head unless CM is specified in the product code. The CM option is available for DT2R, DT2S, DT3SL, DT3R, DT3S, DT4R and DT4S housings only.
When the CM order code is specified, the accessories must be installed on site.
Consult factory for a different accessory for each fixture head.

Installation Types

**RM: Remodel Non-Insulated Ceiling
(Non-Plenum Rated)**

**NC: New Construction Non-Insulated Ceiling
(Non-Plenum Rated)**

IC: Insulation Contact Mounting



DARK TILT Mini (DT1R, DT1S)
DARK TILT Mini DT2R et DT2S pour les optiques S, NF
et FL avec flux lumineux L07)

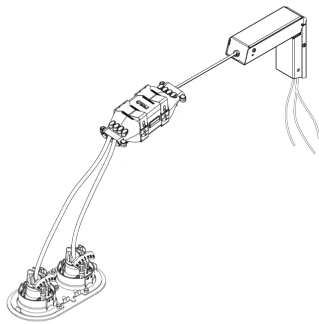
DT1R Housing Shown.

Refer to installation instructions for more details.

**RM: Remodel Non-Insulated Ceiling
(Non-Plenum Rated)**

**NC: New Construction Non-Insulated Ceiling
(Non-Plenum Rated)**

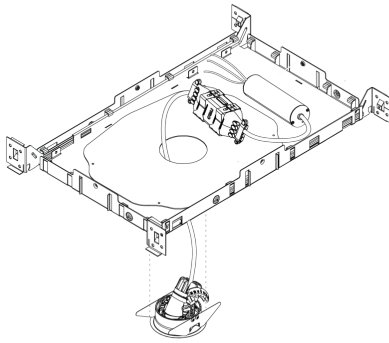
IC: Insulation Contact Mounting



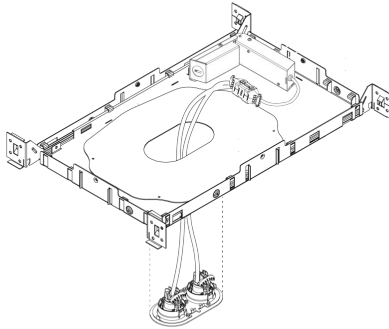
DARK TILT Mini (DT2R and DT2S for NS and ENS
Optics with L04 or L05 Lumen Outputs, and S, NF
and FL Optics with L05 Lumen Output
DARK TILT Mini (DT3SL, DT3R, DT3S, DT4R, DT4S)

DT2R Housing Shown.

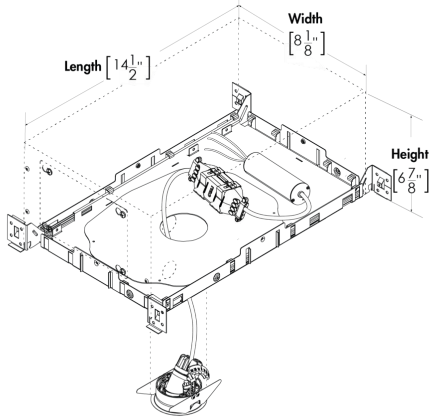
Refer to installation instructions for more details.



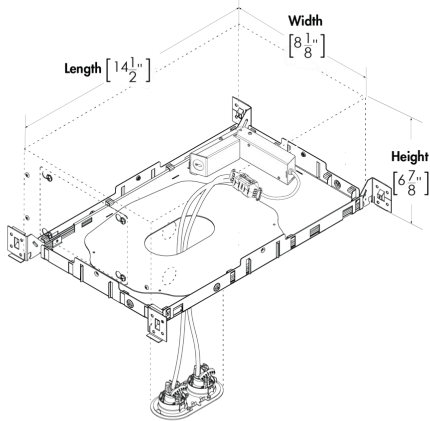
DARK TILT Mini (DT1R, DT1S)
DARK TILT Mini (DT2R and DT2S for S, NF and FL
Optics with L07 Lumen Output



DARK TILT Mini (DT2R and DT2S for NS and ENS
Optics with L04 or L05 Lumen Outputs, and S, NF
and FL Optics with L05 Lumen Output
DARK TILT Mini (DT3SL, DT3R, DT3S, DT4R, DT4S)



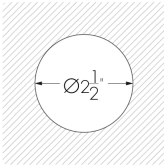
DARK TILT Mini (DT1R, DT1S)
DARK TILT Mini (DT2R and DT2S for S, NF and FL
Optics with L07 Lumen Output



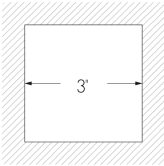
DARK TILT Mini (DT2R and DT2S for NS and ENS
Optics with L04 or L05 Lumen Outputs, and S, NF
and FL Optics with L05 Lumen Output
DARK TILT Mini (DT3SL, DT3R, DT3S, DT4R, DT4S)

Ceiling Requirements

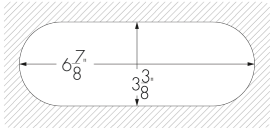
DT1R Housing With Trim and Trimless



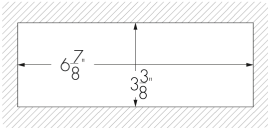
DT1S Housing With Trim and Trimless



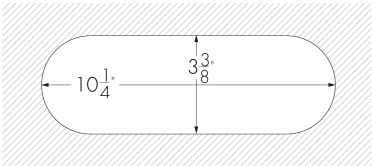
DT2R Housing With Trim and Trimless



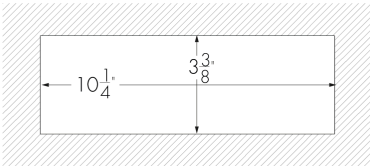
DT2S Housing With Trim and Trimless



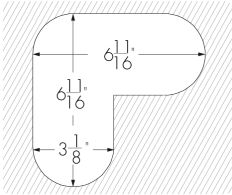
DT3R Housing with Trim and Trimless



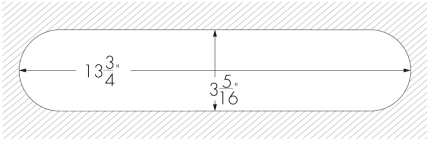
DT3S Housing With Trim and Trimless



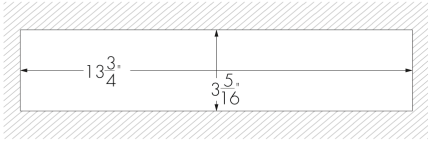
DT3SL Housing With Trim and Trimless



DT4R Housing with Trim and Trimless



DT4S Housing with Trim and Trimless



Refer to installation instructions for more details.

Wattage Information

DT1R DT1S

L02 - Output

VN	Very Narrow	IC/NC/RM	5W
NS	Narrow Spot	IC/NC/RM	4.9W
ENS	Elliptical Narrow Spot		
S	Spot	IC/NC/RM	4.4W
NF	Narrow Flood		
FL	Flood		

L03 - Output

S	Spot	IC/NC/RM	6.5W
NF	Narrow Flood		
FL	Flood		

DT2R DT2S

L02 - Output

VN	Very Narrow	IC/NC/RM	8W
NS	Narrow Spot	IC/NC/RM	11.2W
ENS	Elliptical Narrow Spot		
S	Spot	IC/NC/RM	9W
NF	Narrow Flood		
FL	Flood		

L03 - Output

S	Spot	IC/NC/RM	11.2W
NF	Narrow Flood		
FL	Flood		

DT3SL

L02 - Output

VN	Very Narrow	RM	12.6W
NS	Narrow Spot	RM	15.3W
ENS	Elliptical Narrow Spot		
S	Spot	RM	12.1W
NF	Narrow Flood		
FL	Flood		

L03 - Output

S	Spot	RM	17.4W
NF	Narrow Flood		
FL	Flood		

DT3R DT3S

L02 - Output

VN	Very Narrow	RM	12.6W
NS	Narrow Spot	RM	15.3W
ENS	Elliptical Narrow Spot		
S	Spot	RM	12.1W
NF	Narrow Flood		
FL	Flood		

L03 - Output

S	Spot	RM	17.4W
NF	Narrow Flood		
FL	Flood		

DT4R DT4S

L02 - Output

VN	Very Narrow	RM	15.2W
NS	Narrow Spot	RM	19W
ENS	Elliptical Narrow Spot		
S	Spot	RM	15.2W
NF	Narrow Flood		
FL	Flood		

L03 - Output

S	Spot	RM	22W
NF	Narrow Flood		
FL	Flood		

How to Order

Housing	Trim Shape	Size	Voltage	Control	Output (Nominal Lumens)	Finish	Color Rendering	Color and Color Temperature	Optic (Nominal Distribution)	Installation Type	Accessories ⁽⁹⁾
DT1R DARK TILT 1x Round	TR Trim	MI Mini	120/277 120/277 Volts	NO On/Off Control	L02 200 lm	MWHTX Matte White Txt	92 CRI 92	27K 2700K	VN Very Narrow 7° ⁽⁴⁾ ⁽⁵⁾	RM Remodel Non- Insulated Ceiling (Non- Plenum Rated)	NA No Accessory
DT1S DARK TILT 1x Square	TRL Trimless			DIM 0-10V Dimming 1%	L03 300 lm ⁽³⁾	MBKTX Matte Black Txt	98 CRI 98 ⁽³⁾	30K 3000K	NS Narrow Spot 12° ⁽⁴⁾ ⁽⁵⁾ ⁽⁶⁾		HL Honeycomb ⁽¹⁰⁾
DT2R DARK TILT 2x Round				PH Phase Dimming 1% ⁽²⁾		CGY Concrete Gray		35K 3500K	ENS Elliptical Narrow Spot 54° x 12° ⁽⁴⁾ ⁽⁵⁾ ⁽⁷⁾	NC New Construction Non- Insulated Ceiling (Non- Plenum Rated) ⁽⁸⁾	SN Snoot ⁽¹⁰⁾
DT2S DARK TILT 2x Square						GTX Gold Txt		40K 4000K	S Spot 15°		VS Visor ⁽¹⁰⁾
DT3SL DARK TILT 3x L-Shape Square ⁽¹⁾						CTX Copper Txt			NF Narrow Flood 25°	IC Insulation Contact Mounting (Can be Used for Plenum Contact, and Air-Tight Mounting Box Applications) ⁽⁸⁾	EL Elliptical Lens ⁽¹¹⁾
DT3R DARK TILT 3x Linear Round ⁽¹⁾									FL Flood 35°		CM Custom Accessory Combination ⁽¹²⁾ ⁽¹³⁾
DT3S DARK TILT 3x Linear Square ⁽¹⁾											
DT4R DARK TILT 4x Round ⁽¹⁾											
DT4S DARK TILT 4x Square ⁽¹⁾											

- Notes:
1. Available with RM installation type only.

2. Phase dimming (PH) is only compatible with 120V power.

3. Available for S, NF and FL optics only.

4. Available for L02 lumen output only.

5. Available for CRI 92 only.

6. Not available for EL accessory.

7. Cannot be combined with accessories.

8. Available for DT1R, DT1S, DT2R and DT2S housings only.

9. The same accessory will be factory-installed on each fixture head unless CM is specified in the product code. The CM option is available for DT2R, DT2S, DT3SL, DT3R, DT3S, DT4R and DT4S housings only. When the CM order code is specified, the accessories must be installed on site.

10. Available for VN, NS, S, NF and FL optics only.

11. Available for VN, S, NF and FL optics only.

12. Available for DT2R, DT2S, DT3SL, DT3R, DT3S, DT4R and DT4S housings only.

13. Consult factory for a different accessory for each fixture head.