

Project Name

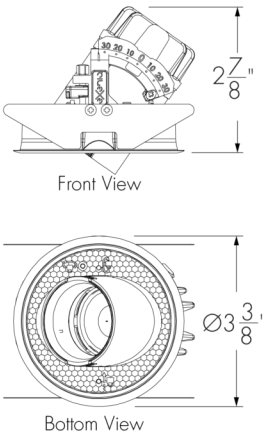
Qty

Type

Catalog / Part Number



DT1S, DT4S and DT2R Housing Shown



DT1R Housing Shown

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

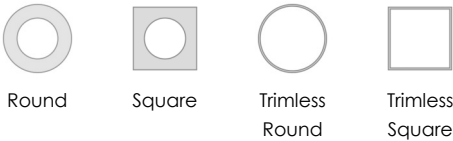
Control

ON/OFF 0-10V Phase Dimming

Finish



Trim Shape



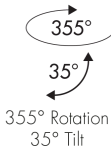
Description

When adjustability is key, the DARK TILT Small is the secret to your success. With its 2-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 L04: 400 lm L05: 500 lm L07: 700 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° WFL: Wide Flood 40° EWFL: Elliptical Wide Flood 47° x 72°

Adjustability



Lumencycle™ Program



Certifications



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)
Optical Accessories	Various optical accessories available, see Optical Accessories Section for details
Warranty	5-year limited warranty
Performance	
Maximum Delivered Output	Up to 945 lm (one fixture head, L07, CRI 92, 40K, FL)
Maximum Delivered Intensity	10,242 cd at nadir (one fixture head, L02, CRI 92, 40K, VN)
Efficacy	Up to 98 lm/W (one fixture head, L05, 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: 0.6 lbs (fixture only) DT1R Housing, Trimless: 0.62 lbs (fixture only) DT1S Housing With Trim: 0.97 lbs (fixture only) DT1S Housing, Trimless: 0.99 lbs (fixture only) DT2R Housing with Trim: 1.85 lbs (fixture only) DT2R Housing, Trimless: 1.9 lbs (fixture only) DT2S Housing With Trim: 1.85 lbs (fixture only) DT2S Housing, Trimless: 1.9 lbs (fixture only) DT4S Housing With Trim: 3.64 lbs (fixture only) DT4S Housing, Trimless: 3.7 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	4.1 to 39.6 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

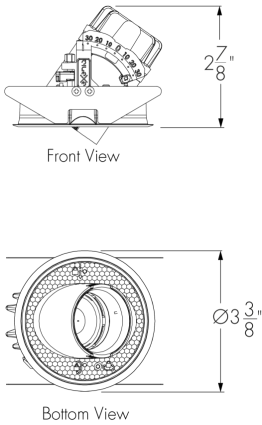
This website (<https://www.lmpg.com/patents-trademarks>) is provided to satisfy the virtual patent marking provisions of applicable jurisdictions. Some products listed may be covered by additional patents not referenced here.

Lumencycle™ Program

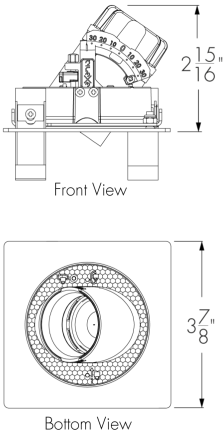
Lumencycle is a comprehensive program designed to maximize the life of Lumenpulse fixtures while preserving their performance, quality, and design intent. Built around three pillars—Repair, Restore, and Recycle—the program provides clear pathways to maintain existing installations, restore fixtures,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

Dimensions

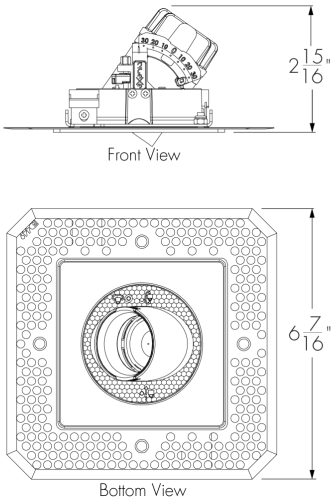
DT1R Housing With Trim and Trimless



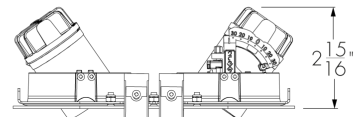
DT1S Housing With Trim



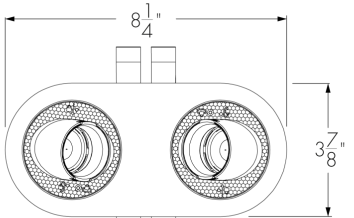
DT1S Housing Trimless



DT2R Housing With Trim

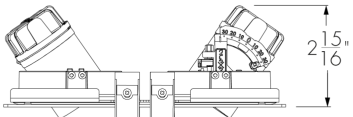


Front View

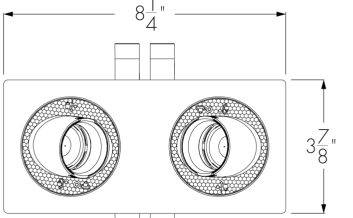


Bottom View

DT2S Housing With Trim

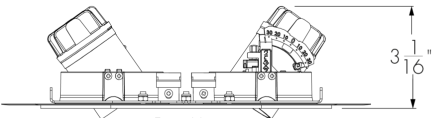


Front View

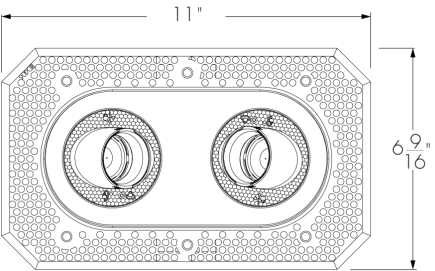


Bottom View

DT2R Housing Trimless

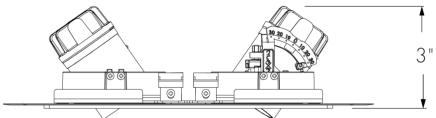


Front View

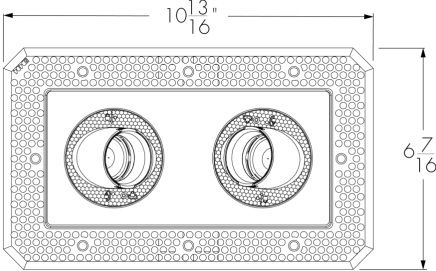


Bottom View

DT2S Housing Trimless

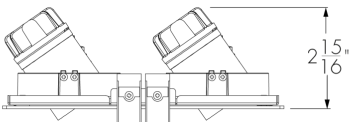


Front View

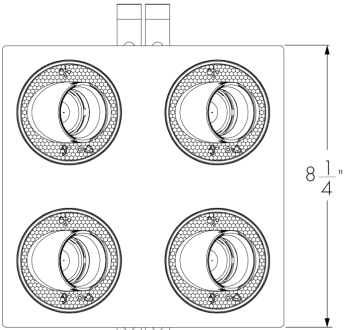


Bottom View

DT4S Housing With Trim

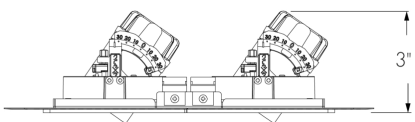


Front View

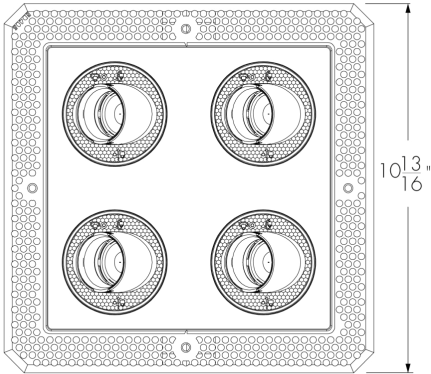


Bottom View

DT4S Housing Trimless



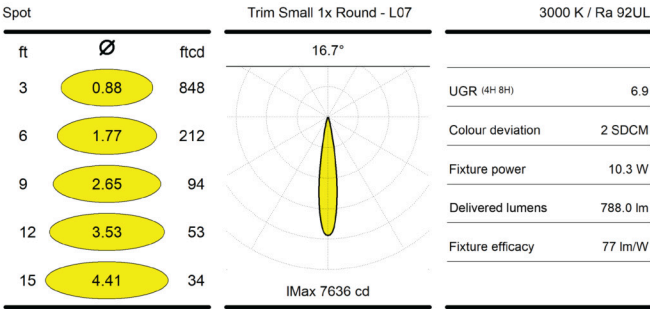
Front View



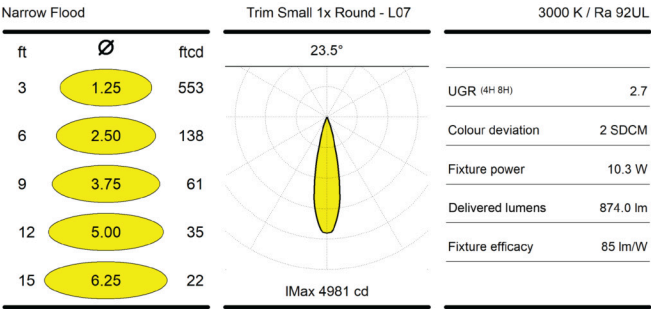
Bottom View

Photometric Information

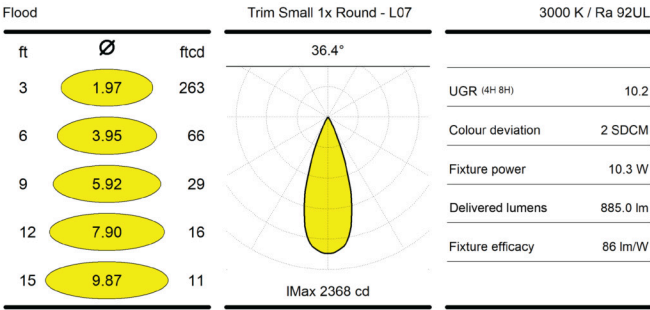
Spot, L07, 3000K, CRI 92



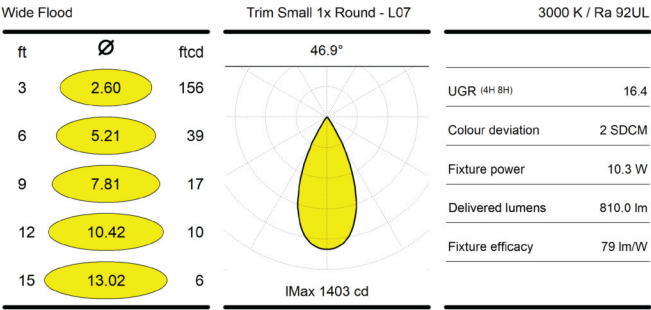
Narrow Flood, L07, 3000K, CRI 92



Flood, L07, 3000K, CRI 92



Wide Flood, L07, 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



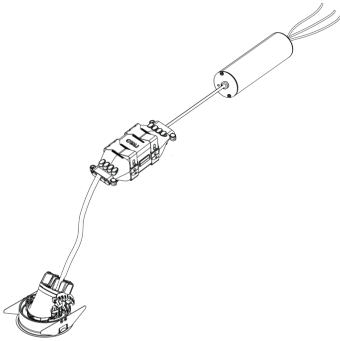
EL - Elliptical Lens



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 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)**

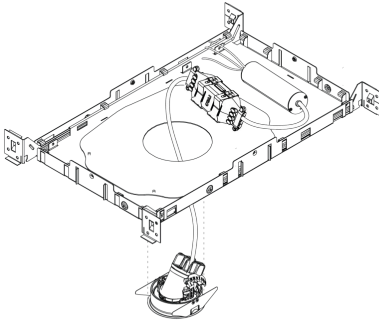


DARK TILT Small (DT1R, DT1S)

DT1R Housing Shown.

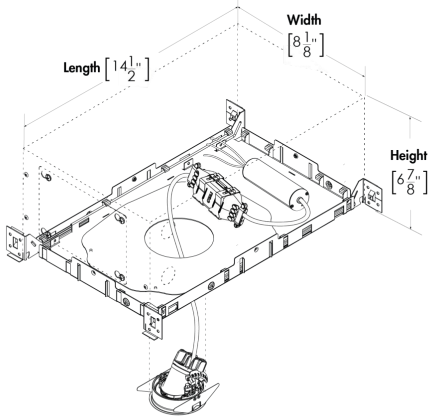
Refer to installation instructions for more details.

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



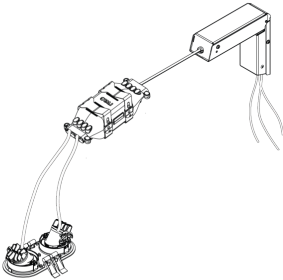
DARK TILT Small (DT1R, DT1S)

IC: Insulation Contact Mounting



DARK TILT Small (DT1R, DT1S)

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

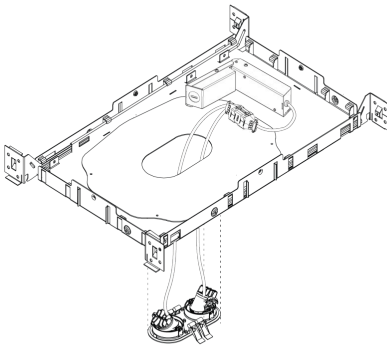


DARK TILT Small (DT2R, DT2S)
DARK TILT Small (DT4S for EN and ENS Optic)

DT2R Housing Shown.

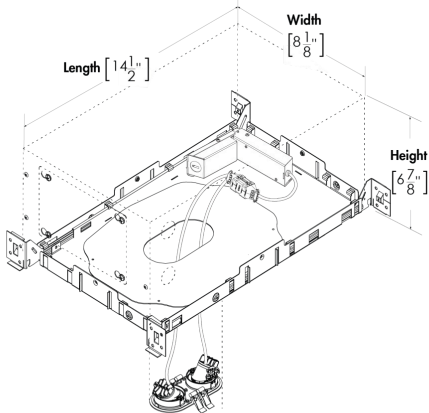
Refer to installation instructions for more details.

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



DARK TILT Small (DT2R, DT2S)
DARK TILT Small (DT4S for EN and ENS Optic)

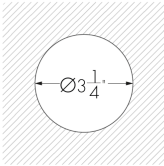
IC: Insulation Contact Mounting



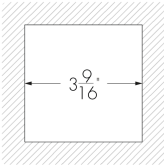
DARK TILT Small (DT2R, DT2S)
DARK TILT Small (DT4S for EN and ENS Optic)

Ceiling Requirements

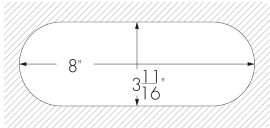
DT1R Housing With Trim and Trimless



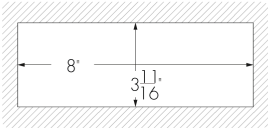
DT1S Housing With Trim and Trimless



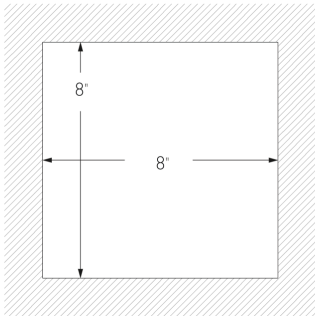
DT2R Housing With Trim and Trimless



DT2S Housing With Trim and Trimless



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	4.1W
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L03 - Output

NS	Narrow Spot	IC/NC/RM	7.8W
ENS	Elliptical Narrow Spot		

L04 - Output

NS	Narrow Spot	IC/NC/RM	10.1W
ENS	Elliptical Narrow Spot		
S	Spot	IC/NC/RM	7.8W
WFL	Wide Flood		
EWFL	Elliptical Wide Flood		

L05 - Output

NF	Narrow Flood	IC/NC/RM	7.8W
FL	Flood		
EWFL	Elliptical Wide Flood	IC/NC/RM	11W

L07 - Output

S	Spot	IC/NC/RM	11W
NF	Narrow Flood		
FL	Flood		
WFL	Wide Flood		

DT2R DT2S

L02 - Output

VN	Very Narrow	IC/NC/RM	8W
NS	Narrow Spot	IC	11.3W
ENS	Elliptical Narrow Spot		

L03 - Output

NS	Narrow Spot	IC/NC/RM	16W
ENS	Elliptical Narrow Spot		
EWFL	Elliptical Wide Flood	IC	11.8W

L04 - Output

NS	Narrow Spot	NC/RM	20.9W
ENS	Elliptical Narrow Spot		
S	Spot	IC	11.8W
NF	Narrow Flood		
FL	Flood		
WFL	Wide Flood	IC/NC/RM	15.3W
EWFL	Elliptical Wide Flood		

L05 - Output

S	Spot	IC/NC/RM	15.3W
NF	Narrow Flood		
FL	Flood		
WFL	Wide Flood		
EWFL	Elliptical Wide Flood	NC/RM	21.8W

L07 - Output

S	Spot	NC/RM	21.8W
NF	Narrow Flood		
FL	Flood		
WFL	Wide Flood		

DT4S

L02 - Output

VN	Very Narrow	NC/RM	15.1W
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L03 - Output

NS	Narrow Spot	NC/RM	27.4W
ENS	Elliptical Narrow Spot		
EWFL	Elliptical Wide Flood	NC/RM	20.7W

L04 - Output

NS	Narrow Spot	NC/RM	39.6W
ENS	Elliptical Narrow Spot		
S	Spot	NC/RM	20.7W
NF	Narrow Flood		
FL	Flood		
WFL	Wide Flood		

L05 - Output

S	Spot	NC/RM	32.4W
NF	Narrow Flood		
WFL	Wide Flood		
EWFL	Elliptical Wide Flood		

L07 - Output

FL	Flood	NC/RM	32.4W
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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 ⁽¹⁷⁾
DT1R DARK TILT 1x Round DT1S DARK TILT 1x Square DT2R DARK TILT 2x Round DT2S DARK TILT 2x Square DT4S DARK TILT 2x2 Square ⁽¹⁾	TR Trim TRL Trimless	SM Small	120/277 120/277 Volts	NO On/Off Control DIM 0-10V Dimming 1% PH Phase Dimming 1% ⁽²⁾	L02 200 lm ⁽³⁾ L03 300 lm ⁽⁴⁾ L04 400 lm ⁽⁵⁾ L05 500 lm ⁽⁴⁾ L07 700 lm ⁽⁷⁾	MWHTX Matte White Txt MBKTX Matte Black Txt CGY Concrete Gray GTX Gold Txt CTX Copper Txt	92 CRI 92 98 CRI 98 ⁽⁸⁾	27K 2700K 30K 3000K 35K 3500K 40K 4000K	VN Very Narrow 7° ⁽⁹⁾ ⁽¹⁰⁾ NS Narrow Spot 12° ⁽⁹⁾ ⁽¹¹⁾ ⁽¹²⁾ ENS Elliptical Narrow Spot 54° x 12° ⁽⁹⁾ ⁽¹²⁾ ⁽¹³⁾ S Spot 15° ⁽¹⁴⁾ NF Narrow Flood 25° ⁽¹⁴⁾ FL Flood 35° ⁽¹⁴⁾ WFL Wide Flood 40° ⁽¹¹⁾ ⁽¹⁴⁾ EWFL Elliptical Wide Flood 47° x 72° ⁽¹³⁾ ⁽¹⁵⁾	RM Remodel Non- Insulated Ceiling (Non- Plenum Rated) NC New Construction Non- Insulated Ceiling (Non- Plenum Rated) ⁽¹⁴⁾ IC Insulation Contact Mounting (Can be Used for Plenum Contact, and Air-Tight Mounting Box Applications) ⁽¹⁴⁾	NA No Accessory HL Honeycomb ⁽¹⁸⁾ SN Snoot ⁽¹⁸⁾ VS Visor ⁽¹⁸⁾ EL Elliptical Lens ⁽¹⁹⁾ CM Custom Accessory Combination ⁽²⁰⁾ ⁽²¹⁾

Notes:

1. Available with RM installation type only.

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

3. Available for VN, NS and ENS optics only.

4. Available for NS, ENS and EWFL optics only.

5. Available for all optics, except VN optic.

6. Available for S, NF, FL, WFL and EWFL optics only.

7. Available for S, NF, FL and WFL optics only.

8. Available for S, NF, FL, WFL and EWFL optics only.

9. Available for CRI 92 only.

10. Available for L02 lumen output only.

11. Not available for EL accessory.

12. Available for L02, L03 and L04 lumen outputs only.
13. Cannot be combined with accessories.

14. Available for L04, L05 and L07 lumen outputs only.

15. Available for L03, L04 and L05 lumen outputs only.

16. Not available for DT4S housing.

17. 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 and DT4S housings only. When the CM order code is specified, the accessories must be installed on site.

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

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

20. Available for DT2R, DT2S and DT4S housings only.

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