

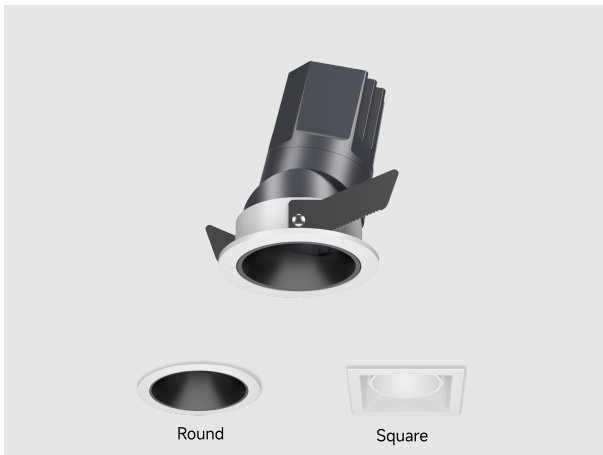


Type:

Project:

DELLA

DM50



DESCRIPTION

The Della supports both remodel and new construction installations, with IC options that require no housing. Engineered for versatility, it is available in a wide range of mounting frames of round, square, pinhole, dual and triple heads, with precise lighting distribution, fit perfectly to hospitality, commercial and residential spaces.

FEATURES

- Ultra slim and mini in a high power (1.25 inch 8W).
- Canless IC Rated, no need extra housing.
- 100% light distribution without being blocked at any angle.
- Rotate and tilt with audible and tactile feedback and scale for precise adjustments.
- Interchangeable trims and optical accessories.
- Choose between remodel and new construction (IC and Non-IC) installation, round or square, flange or flangeless.
- all available in a variety of finishes and colors.
- Classic White, Dim to Warm, Tunable White, RGBCW color options.
- IP65 rated for wet location.
- Modular structure for easier and cost effective SKU management.
- Service the LED optics and Driver from above the ceiling.

ELECTRICAL

Power: 8W-10W
 Voltage: 120-277V AC
 Frequency: 50/60Hz
 Power factor: >0.90
 Dimming: On-off / 0/1-10V / DALI / TRIAC

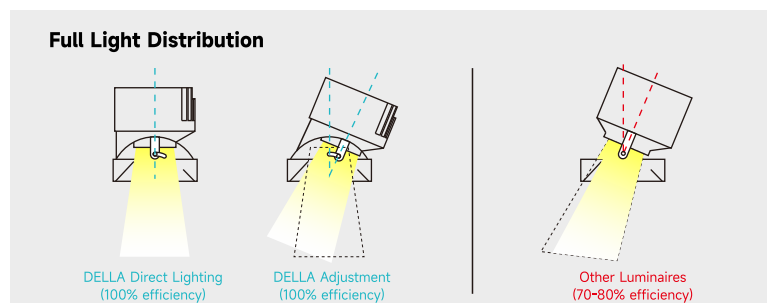
OPTICAL

LED type: COB
 Lumen output: 637lm (8W), 678lm (10W)
 Beam optic: 15° / 24° / 36° / 50°
 Color quality: CRI 90+, SDCM≤2
 Light color: Static White: 2700K, 3000K, 3500K, 4000K
 Tunable White: 2700K-6500K
 Dim-to Warm: 1800K-3000K

LAMP

Frame color: Black
 Trim color: White/Black
 Operating temperature: -20°C~40°C
 Lifespan: >50000h@80%(L80)
 Warranty: 5 years limited warranty

DETAILS



ORDERING INFORMATION

DM50							
MODULE	TRIM	LUMEN	TRIM COLOR	CRI	CCT	OPTIC	DIMMING
<input type="checkbox"/> DM50 DELLA 55mm Aperture	Hotel <input type="checkbox"/> DF51RA01N Round Adjustable <input type="checkbox"/> DF51RA01T Round Adjustable Trimless Commercial <input type="checkbox"/> DF53RA01N Round Adjustable <input type="checkbox"/> DF53SA01N Square Adjustable <input type="checkbox"/> DF53SA02N Dual Heads <input type="checkbox"/> DF53SA03N Triple Heads Deep-anti Glare <input type="checkbox"/> DF54RF01N Round Fixed	<input type="checkbox"/> L04 600lm <input type="checkbox"/> L06 700lm	<input type="checkbox"/> W White <input type="checkbox"/> B Black	<input type="checkbox"/> 9 90+	<input type="checkbox"/> 27 2700K <input type="checkbox"/> 30 3000K <input type="checkbox"/> 35 3500K <input type="checkbox"/> 40 4000K <input type="checkbox"/> TW Tunable White 2700K-6500K <input type="checkbox"/> DW Dim-to Warm 1800K-3000K	<input type="checkbox"/> 015 15° <input type="checkbox"/> 024 24° <input type="checkbox"/> 036 36° <input type="checkbox"/> 050 50°	<input type="checkbox"/> V 0/1-10V <input type="checkbox"/> T Triac <input type="checkbox"/> X 0-10V/Triac <input type="checkbox"/> D DALI <input type="checkbox"/> N Non-dimming

ACCESSORIES (TO BE ORDERED SEPARATELY)
FOR INSTALLATION CONSULT THE INSTRUCTION SHEET

OPTICAL ACCESSORY
 Honeycomb
DM50-H

 Soft Lens
DM50-SL

SECONDARY REFLECTOR COLOR
 Matt Black
EF51RA01-MB

 Matt White
EF51RA01-MW

 Matt Silver
EF51RA01-MS

 Gold
EF51RA01-G




Type:

SPECIFICATION SHEET

Project:

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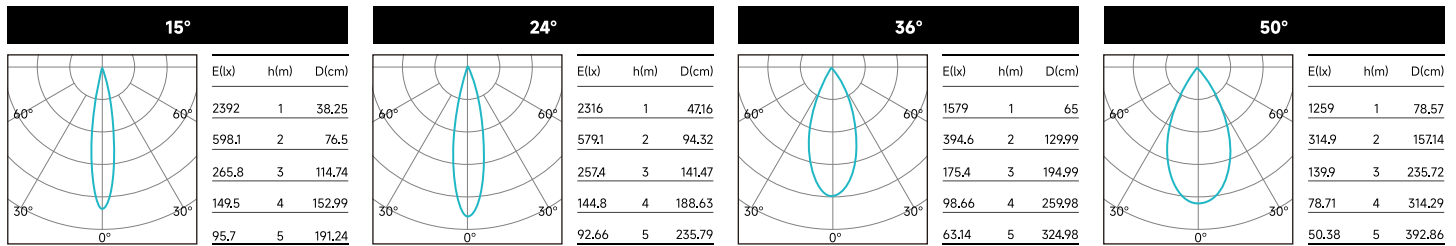
PHOTOMETRIC DATA (NON-DIMMING)

POWER	CCT	CRI	BEAM OPTIC	LUMENS (lm)	EFFICACY (lm/W)	MAX CANDELA (cd)
8W	3000K	90	15°	438	52	2668
			24°	544	64	2298
			36°	600	71	1579
			55°	637	75	1250
10W	3000K	90	15°	426	41	2414
			24°	609	61	2024
			36°	632	63	1754
			55°	678	68	1456

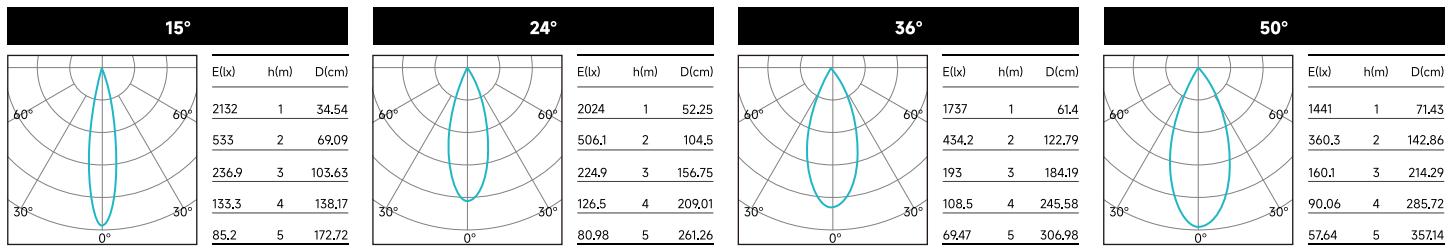
Above test data is based on [Commercial \(DF53RA01N\)](#) trim with 3000K 90CRI LED.

LIGHT DISTRIBUTION

3000K 8W



3000K 10W



Above test data is based on [Commercial \(DF53RA01N\)](#) with 3000K 90CRI LED.

LUMEN MULTIPLIERS

CCT	MULTIPLIER
2700K	0.95
3000K	1.00
3500K	1.04
4000K	1.06

Applying Lumen Multipliers to Calculate Delivered Lumens

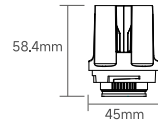
Base Fixture Delivered Lumens (from PHOTOMETRIC DATA)	x	CCT Multiplier	=	Delivered Lumens for Desired Fixture
STANDARD TRIM Example: DM50-DF53RA01N 8W 3500K				
517 lm	x	1.04	=	661 lm

DIMENSION

LED Module



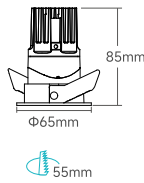
DM50



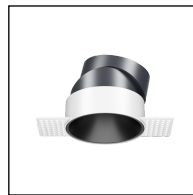
Trim For Hotel Series



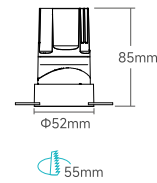
DM50-DF51RA01N



Round Adjustable



DM50-DF51RA01T

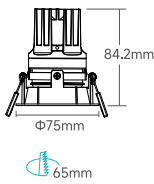


Round Adjustable Trimless

Trim For Commercial Series



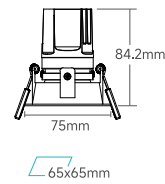
DM50-DF53RA01N



Round Adjustable



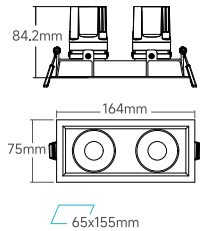
DM50-DF53SA01N



Square Adjustable



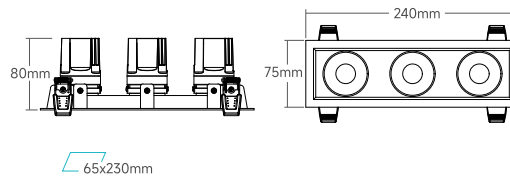
DM50-DF53SA02N



Dual Heads



DM50-DF53SA03N

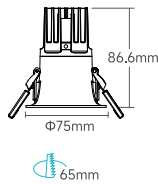


Triple Heads

Trim For Deep-anti Glare Series



DM50-DF54RF01N

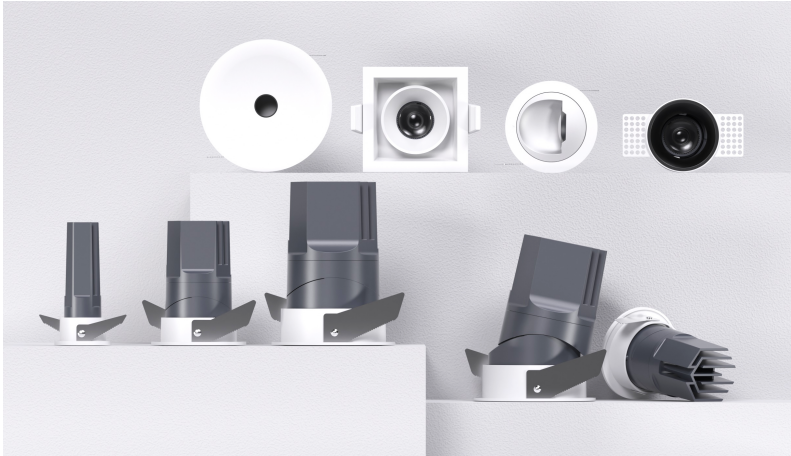


Round Fixed



Type:

Project:



DELLA MINI DOWNLIGHT SYSTEM

The Della downlight series offers a complete line of high performance LED luminaires that provide outstanding functionality and quality.

The series features ultra mini 35mm size, high performance standard and uniform floor-to-ceiling wall washing. Multiple power level options and a full line of round and square, trimmed and trimless luminaires offer versatile solutions for various lighting applications. Easy to install, and service.

DETAILS



Scan to know more about product information