



Type:

SPECIFICATION SHEET

Project:

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DELLA-Adjustable

DM60



DESCRIPTION

The DELLA Adjustable Downlight features a SHIFT-AXIS optical system that allows 5°-20° tilt adjustment with zero light loss or internal glare—even at full offset. Its smooth bearing-based mechanism delivers precise, click-confirmed positioning, while an optional lock screw prevents beam drift in high-vibration environments. Designed for visual comfort with a 50° cut-off angle, it is ideal for high-end commercial and residential spaces.

FEATURES

- Pure Shift-Axis Optics: Adjust 5°-20° with no light leakage, stray light or beam distortion.
- Precision Click-Adjust: Bearing-assisted tilt with tactile and audible locking feedback.
- Vibration-Resistant Lock: Optional screw secures aim in dynamic installations.
- 50°cut-off angle with excellent UGR performance for glare-free illumination.
- Super modular design allows any module tool-free replacement and maximizes simplicity for installation, removal, and maintenance under ceilings.

SPECIFICATIONS

ELECTRICAL

Power:	10W, 15W
Voltage:	AC 220-240V
Frequency:	50/60Hz
Power Factor:	>0.90
Dimming :	0/1-10V / TRIAC / DALI

OPTICAL

LED Type:	COB
Lumen Output:	772lm (10W), 1031lm (15W)
Beam Optic:	Narrow Spot (15°) / Spot (24°, 36°) / Flood (50°)
Color Quality:	CRI 90+, SDCM≤3
Color Temperature:	Static White: 2700K, 3000K, 3500K, 4000K Tunable White: 2700K-6000K Dim-to Warm: 1800K-3000K

LUMINAIRE

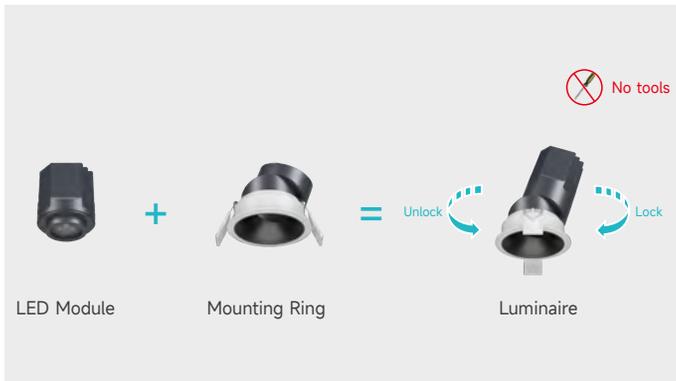
Trim Color:	White / Black / Custom Finish*(Consult Factory)
Operating Temperature:	-20°C~35°C
Lifespan:	>50000h@80% (L80)
Warranty:	5 years Carefree for Parts and Components (Labor not included) LED luminaire life reduction and warranty invalidation will occur if installed in environments above 35°C

PHYSICAL

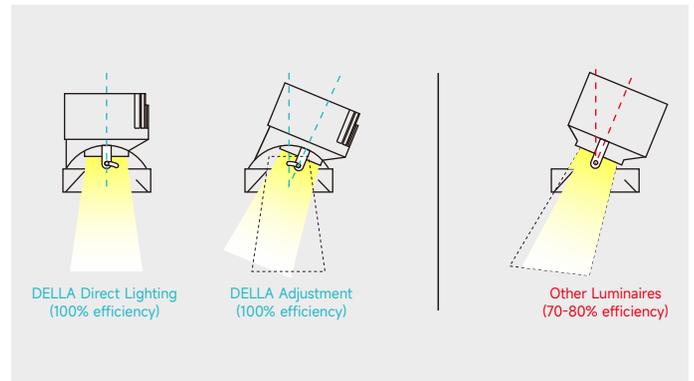
Adjustment Range:	Adjustable (0°-355°rotation, 0°-20°tilt)
Ceiling Thickness:	1mm to 20mm spring clip
Construction:	Aluminum
Mounting:	Recessed with spring clips

DETAILS

Modular Design

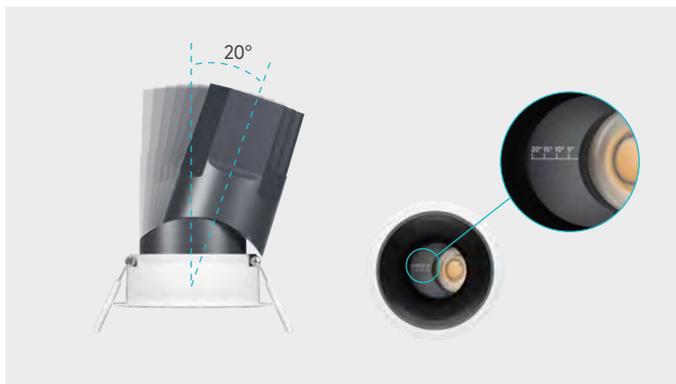


Full Light Distribution



Precise Tiltable Adjustment

The light is precisely tiltable with scale and lock point.



Fully Enclosed Design

To ensure highest efficiency of distribution without light leakage even at tilt.



Pull Ring Design (Foldable)

No more hard work, pull out led engine in second.





Type:

Project:

ORDERING INFORMATION

DM60							
MODULE	TRIM	LUMEN	TRIM COLOR	CRI	CCT	OPTIC	DIMMING
<input type="checkbox"/> DM60 DELLA 75mm Aperture (IP20) <input type="checkbox"/> DM60P DELLA 75mm Aperture (IP65)	<input type="checkbox"/> DF61RA01N Round Adjustable <input type="checkbox"/> DF61RA01T Round Adjustable Trimless	<input type="checkbox"/> L07 700lm <input type="checkbox"/> L10 1000lm	<input type="checkbox"/> W White <input type="checkbox"/> B Black <input type="checkbox"/> C Custom Finish *(Consult Factory)	<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-6000K <input type="checkbox"/> DW Dim-to Warm 1800K-3000K	<input type="checkbox"/> 015 Narrow Spot 15° <input type="checkbox"/> 024 Spot 24° <input type="checkbox"/> 036 Spot 36° <input type="checkbox"/> 050 Flood 50°	<input type="checkbox"/> V 0/1-10V <input type="checkbox"/> T Triac <input type="checkbox"/> D DALI

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

OPTICAL ACCESSORY

- Honeycomb**
DM60-H

- Soft Lens**
DM60-L


SECONDARY REFLECTOR COLOR

- Matt Black**
DF61RA01-MB

- Matt White**
DF61RA01-MW

- Matt Silver**
DF61RA01-MS

- Custom Finish**
*(Consult Factory)



Type:

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PHOTOMETRIC DATA (NON-DIMMING)

LUMEN PACKAGE	POWER	CCT	15°			24°			36°			50°		
			LUMENS	EFFICACY	MAX CANDELA									
DM60-DF61RA01N	10W	3000K	607	57	5264	727	69	4362	708	66	2245	772	73	1305
DM60-DF61RA01N	15W	3000K	816	54	7068	968	64	5791	935	62	2943	1031	68	1735

Above test data is based on [Round Adjustable \(DF61RA01N\)](#) trim with 3000K 90CRI LED.

LUMEN MULTIPLIERS

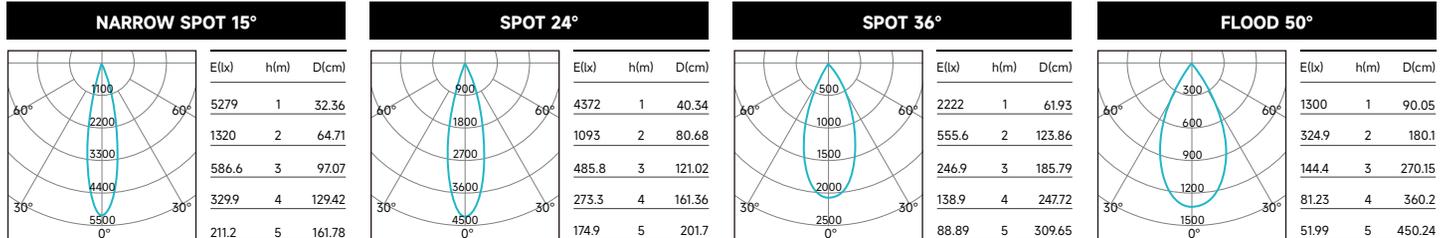
CCT	MULTIPLIER
2700K	0.95
3000K	1.00
3500K	1.04
4000K	1.06

Applying Lumen Multipliers to Calculate Delivered Lumens

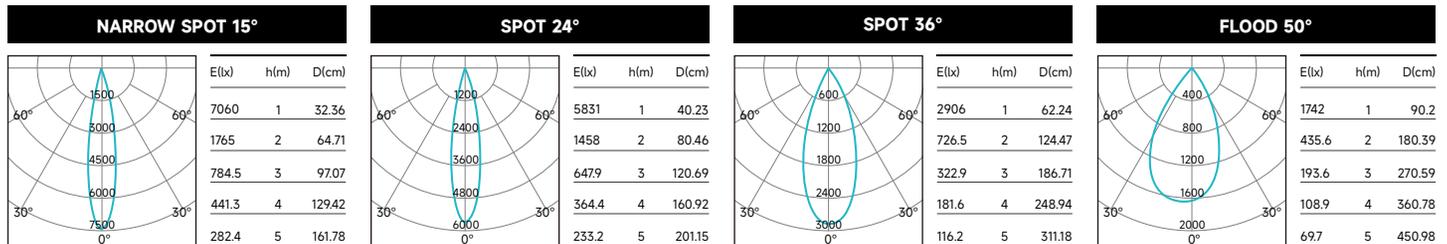
Base Fixture Delivered Lumens (from PHOTOMETRIC DATA)	x	CCT Multiplier	=	Delivered Lumens for Desired Fixture
STANDARD TRIM Example: DM60-DF61RA01N 10W 3500K				
607 lm	x	1.04	=	631 lm

LIGHT DISTRIBUTION

3000K 10W

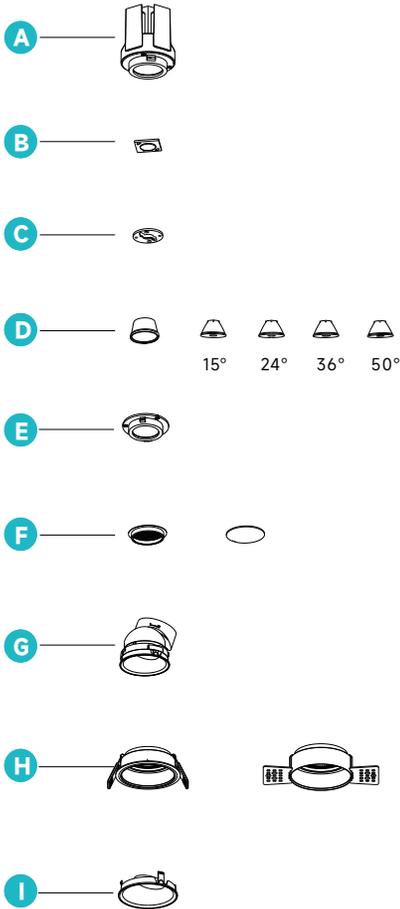
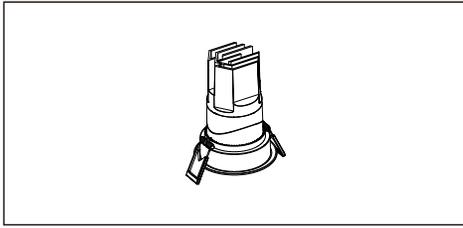


3000K 15W



Above test data is based on [Round Adjustable \(DF61RA01N\)](#) with 3000K 90CRI LED.

EXPLODED OVERVIEW - PART SELECTION

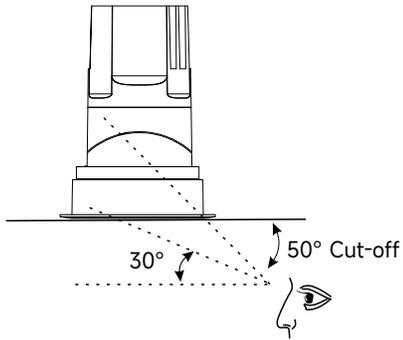


PARTS

- A** - Led Module
- B** - Light Source
 - Static White: 2700K, 3000K, 3500K, 4000K
 - Tunable White: 2700K-6000K
 - Dim-to Warm: 1800K-3000K
- C** - LED Holder
- D** - Beam Lens (15° / 24° / 36° / 50°)
- E** - Fixed Ring
- F** - Honeycomb, Soft Lens
- G** - Precise Angle Alignment (Round-Adjustable)
- H** - Round Adjustable Trim For One Light Engine
Round Adjustable Trimless For One Light Engine
- I** - Interchangeable Secondary Reflector (Round-Adjustable)

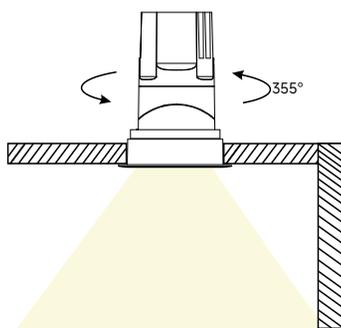
BEAM CUT OFF ANGLE

Adjustable (0°Tilt)



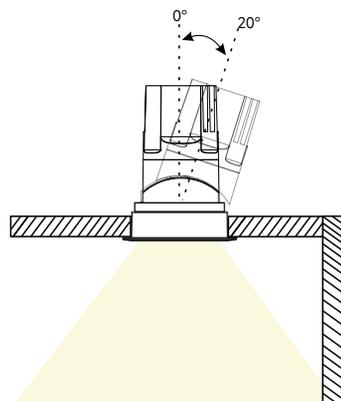
ADJUSTMENT

355° Rotation



(For round trim only)

0° to 20° Tilt Adjustment

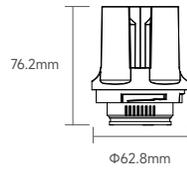


DIMENSION

LED Module



DM60 / DM60P

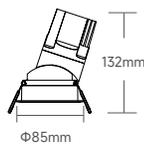


Trim For Hotel Series



Round Adjustable

DM60-DF61RA01N

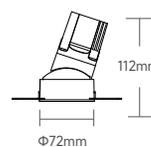


Φ75mm

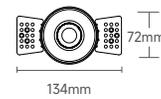


Round Adjustable Trimless

DM60-DF61RA01T



Φ75mm



DELLA 2.0 DOWNLIGHT SYSTEM

DELLA, a system of downlights stands out with its exceptional light control technology and anti-glare performance. The system offers multiple sizes ranging from Ø35mm to Ø75mm, with power ratings from 5W to 20W. flexibly adapting to diverse scenarios. Its super modular design enables all optical accessories to be replaced without tools, ensuring smooth operation and a robust structure. Compact, high-efficiency, and evolution-ready design makes DELLA a reliable choice for high-end retail, hospitality, and residential lighting.

DELLA 2.0 is not merely a recessed lighting system; it is our profound interpretation of the relationship between light and space.

DETAILS



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