



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

- 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.
- 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:	570lm (8W), 662lm (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

Modular Design

+

=

LED Module

Mounting Ring

Luminaire

No tools

Full Light Distribution

DELLA Direct Lighting
(100% efficiency)

DELLA Adjustment
(100% efficiency)

Other Luminaires
(70-80% efficiency)



ORDERING INFORMATION

DM50							
MODULE	TRIM	LUMEN	TRIM COLOR	CRI	CCT	OPTIC	DIMMING
☐ DM50 DELLA 55mm Aperture	Hotel ☐ DF51RA01N Round Adjustable ☐ DF51RA01T Round Adjustable Trimless	☐ L05 500lm ☐ L06 600lm	☐ W White ☐ B Black	☐ 9 90+	☐ 27 2700K ☐ 30 3000K ☐ 35 3500K ☐ 40 4000K ☐ TW Tunable White 2700K-6500K ☐ DW Dim-to Warm 1800K-3000K	☐ 015 15° ☐ 024 24° ☐ 036 36° ☐ 050 50°	☐ V 0/1-10V ☐ T Triac ☐ X 0-10V/Triac ☐ D DALI ☐ N Non-dimming

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

OPTICAL ACCESSORY

☐ Honeycomb
DM50-H



SECONDARY REFLECTOR COLOR

☐ Matt Black
EF51RA01-MB



☐ Matt White
EF51RA01-MW



☐ Matt Silver
EF51RA01-MS





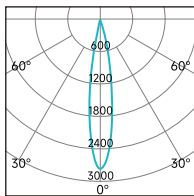
PHOTOMETRIC DATA (NON-DIMMING)

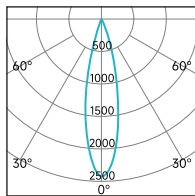
POWER	CCT	CRI	BEAM OPTIC	LUMENS (lm)	EFFICACY (lm/W)	MAX CANDELA (cd)
8W	3000K	90	15°	440	48	2780
			24°	570	62	2435
			36°	621	68	1692
			55°	665	73	1349
10W	3000K	90	15°	570	59	3455
			24°	595	60	2024
			36°	617	62	1754
			55°	662	66	1456

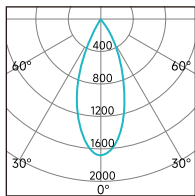
Above test data is based on [Hotel \(DF51RA01N\)](#) trim with 3000K 90CRI LED.

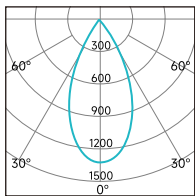
LIGHT DISTRIBUTION

3000K 8W

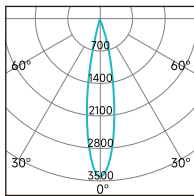
15°			
	E(lx)	h(m)	D(cm)
	2778	1	37.13
	694.5	2	74.25
	308.7	3	111.38
	173.6	4	148.51
	111.1	5	185.64

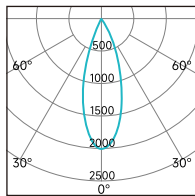
24°			
	E(lx)	h(m)	D(cm)
	2444	1	47.1
	611.1	2	94.2
	271.6	3	141.31
	152.8	4	188.41
	97.78	5	235.51

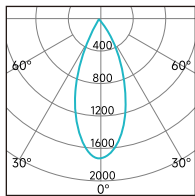
36°			
	E(lx)	h(m)	D(cm)
	1690	1	64.8
	422.6	2	129.61
	187.8	3	194.41
	105.6	4	259.21
	67.61	5	324.01

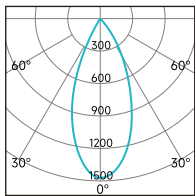
50°			
	E(lx)	h(m)	D(cm)
	1348	1	78.51
	337	2	157.02
	149.8	3	235.53
	84.25	4	314.05
	53.92	5	392.56

3000K 10W

15°			
	E(lx)	h(m)	D(cm)
	3442	1	38.5
	860.6	2	77
	382.5	3	115.5
	215.2	4	154.01
	137.7	5	192.51

24°			
	E(lx)	h(m)	D(cm)
	2024	1	52.25
	506.1	2	104.5
	224.9	3	156.75
	126.5	4	209.01
	80.98	5	261.26

36°			
	E(lx)	h(m)	D(cm)
	1737	1	61.4
	434.2	2	122.79
	193	3	184.19
	108.5	4	245.58
	69.47	5	306.98

50°			
	E(lx)	h(m)	D(cm)
	1441	1	71.43
	360.3	2	142.86
	160.1	3	214.29
	90.06	4	285.72
	57.64	5	357.14

Above test data is based on [Hotel \(DF51RA01N\)](#) with 3000K 90CRI LED.

LUMEN MULTIPLIERS

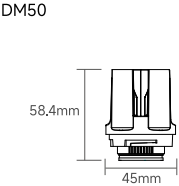
CCT	MULTIPLIER
2700K	0.95
3000K	1.00
3500K	1.04
4000K	1.06

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-DF51RA01N 8W 3500K				
440 lm	x	1.04	=	457 lm

DIMENSION

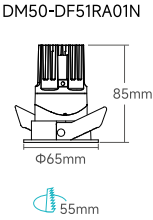
LED Module



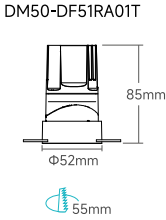
Trim For Hotel Series

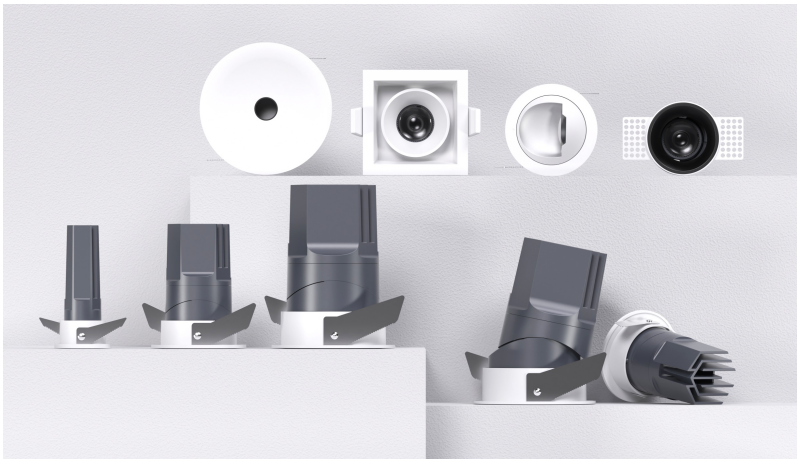


Round Adjustable



Round Adjustable Trimless





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