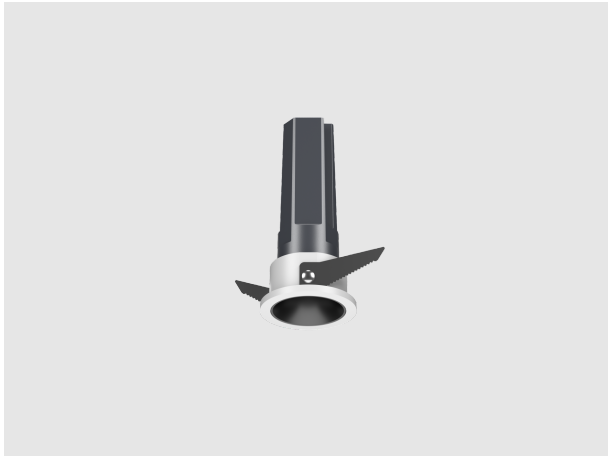




DELLA

DM30-DF31RF01N



DESCRIPTION

The smallest downlight with great power to offer more possibilities for various ceiling and design needs. Available in different trim, reflector and optics that is interchangeable, it delivers beautiful illumination to your spaces while remaining fully serviceable from below the ceiling.

FEATURES

- Ultra slim and mini in a high power (35mm 8W)
- Interchangeable trim, secondary reflector in different colors and shape for anti-glare and decorative function.
- Modular design for easier and cost effective SKU management
- Complete dimming options: triac, 0-10V, DALI etc.

ELECTRICAL

Power:	5W-8W
Voltage:	230V AC
Frequency:	50/60Hz
Power factor:	>0.90
Dimming:	On-off / 0/1-10V / DALI / TRIAC

OPTICAL

LED type:	COB
Lumen output:	323lm (5W), 406lm (8W)
Beam optic:	15° / 24° / 36° / 50°
Color quality:	CRI 90+, SDCM≤2
Light color:	Static white: 2700K / 3000K / 3500K / 4000K

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

DM30							
MODULE	TRIM	LUMEN	TRIM COLOR	CRI	CCT	OPTIC	DIMMING
☐ DM30 DELLA 35mm Aperture	Hotel ☐ DF31RF01N Round Fixed ☐ DF31RF01T Round Fixed Trimless	☐ L03 300lm ☐ L04 400lm	☐ W White ☐ B Black	☐ 9 90+	☐ 27 2700K ☐ 30 3000K ☐ 35 3500K ☐ 40 4000K	☐ 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 SEPARATELY)
FOR INSTALLATION CONSULT THE INSTRUCTION SHEET

SECONDARY REFLECTOR COLOR

☐ **Matt Black**
DF31RF01N-MB

☐ **Matt White**
DF31RF01N-MW

☐ **Matt Silver**
DF31RF01N-MS





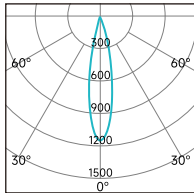
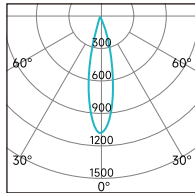
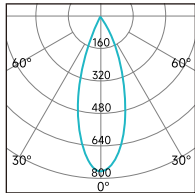
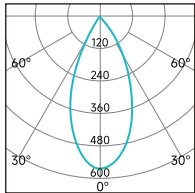
PHOTOMETRIC DATA (NON-DIMMING)

POWER	CCT	CRI	BEAM OPTIC	LUMENS (lm)	EFFICACY (lm/W)	MAX CANDELA (cd)
5W	3000K	90	15°	292	52	1201
			24°	323	58	1102
			36°	292	52	790
			55°	305	54	558
8W	3000K	90	15°	375	48	1558
			24°	406	53	1360
			36°	389	50	1064
			55°	386	50	713

Above test data is based on [Round Fixed\(DF31RF01N\)](#) trim with 3000K 90CRI LED.

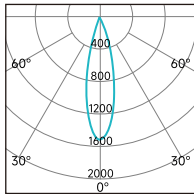
LIGHT DISTRIBUTION

3000K 5W

15°			24°			36°			50°																																																																						
	<table><tr><th>E(lx)</th><th>h(m)</th><th>D(cm)</th></tr><tr><td>1196</td><td>1</td><td>42.70</td></tr><tr><td>299.1</td><td>2</td><td>85.41</td></tr><tr><td>132.9</td><td>3</td><td>128.11</td></tr><tr><td>74.76</td><td>4</td><td>170.82</td></tr><tr><td>47.85</td><td>5</td><td>213.52</td></tr></table>	E(lx)	h(m)	D(cm)	1196	1	42.70	299.1	2	85.41	132.9	3	128.11	74.76	4	170.82	47.85	5	213.52		<table><tr><th>E(lx)</th><th>h(m)</th><th>D(cm)</th></tr><tr><td>1086</td><td>1</td><td>51.88</td></tr><tr><td>271.5</td><td>2</td><td>103.76</td></tr><tr><td>120.7</td><td>3</td><td>155.64</td></tr><tr><td>67.88</td><td>4</td><td>207.52</td></tr><tr><td>43.44</td><td>5</td><td>259.39</td></tr></table>	E(lx)	h(m)	D(cm)	1086	1	51.88	271.5	2	103.76	120.7	3	155.64	67.88	4	207.52	43.44	5	259.39		<table><tr><th>E(lx)</th><th>h(m)</th><th>D(cm)</th></tr><tr><td>801.9</td><td>1</td><td>60.49</td></tr><tr><td>200.5</td><td>2</td><td>120.98</td></tr><tr><td>89.1</td><td>3</td><td>181.47</td></tr><tr><td>50.12</td><td>4</td><td>241.96</td></tr><tr><td>32.08</td><td>5</td><td>302.45</td></tr></table>	E(lx)	h(m)	D(cm)	801.9	1	60.49	200.5	2	120.98	89.1	3	181.47	50.12	4	241.96	32.08	5	302.45		<table><tr><th>E(lx)</th><th>h(m)</th><th>D(cm)</th></tr><tr><td>549.6</td><td>1</td><td>81.37</td></tr><tr><td>137.4</td><td>2</td><td>162.74</td></tr><tr><td>61.07</td><td>3</td><td>244.11</td></tr><tr><td>34.35</td><td>4</td><td>325.48</td></tr><tr><td>21.98</td><td>5</td><td>406.85</td></tr></table>	E(lx)	h(m)	D(cm)	549.6	1	81.37	137.4	2	162.74	61.07	3	244.11	34.35	4	325.48	21.98	5	406.85
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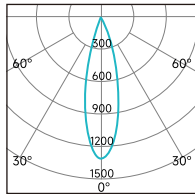
3000K 8W

15°



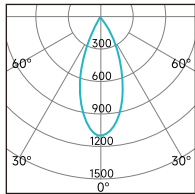
E(lx)	h(m)	D(cm)
1548	1	42.3
387.1	2	84.6
172	3	126.9
96.77	4	169.2
61.93	5	211.49

24°



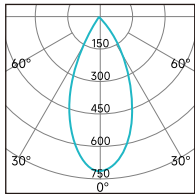
E(lx)	h(m)	D(cm)
1349	1	52.57
337.4	2	105.14
149.9	3	157.7
84.34	4	210.27
53.98	5	262.84

36°



E(lx)	h(m)	D(cm)
1056	1	60.05
264.1	2	120.1
117.4	3	180.15
66.02	4	240.21
42.25	5	300.26

50°



E(lx)	h(m)	D(cm)
705.6	1	79.08
176.4	2	158.15
78.39	3	237.23
44.1	4	316.3
28.22	5	395.38

Above test data is based on [Round Fixed\(DF31RF01N\)](#) trim with 3000K 90CRI LED.

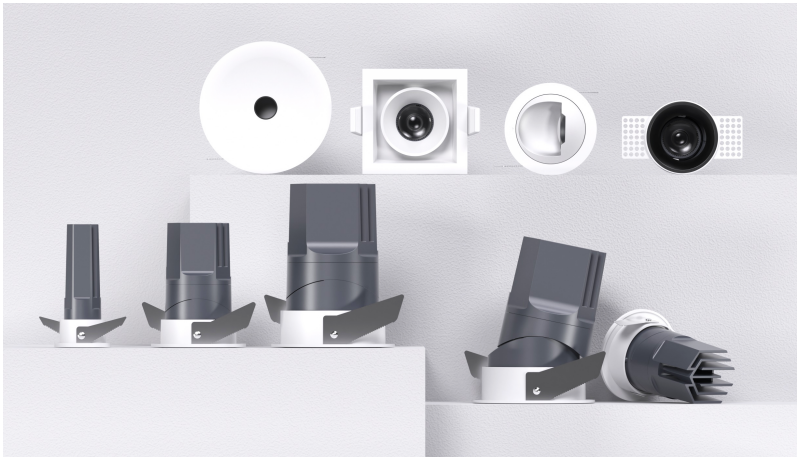
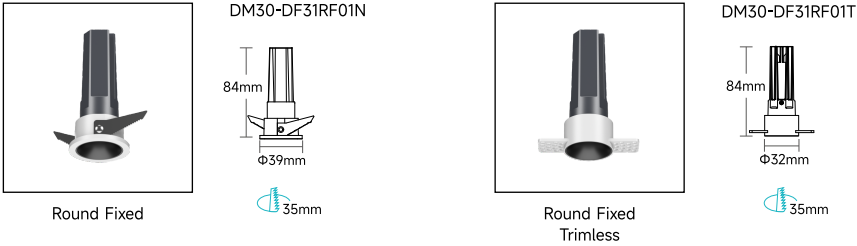
LUMEN MULTIPLIERS

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: DM30-DF31RF01N 5W 3500K				
323 lm	x	1.04	=	336 lm

DIMENSION



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