

# BLOOM – MODEL: DDW21

2" Round Narrow Recessed Downlight

# WAC LIGHTING

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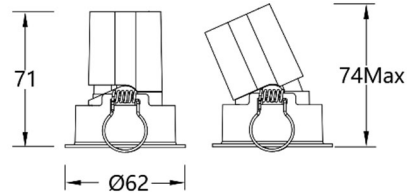
Project Name:

Type:

## Product Image



## Line Drawing



## Product Description

BLOOM Series LED Narrow Recessed Downlights are perfectly integrated with the ceiling after installation. Good anti-glare performance and color consistency control, with a comfortable light effect, mainly for hotels and meeting rooms and other indoor places.

## Product Features

- **Body Materials:** Aluminum die-casting lamp body
- **Optical System:** Lens + Anti-glare reflector
- **Finishes:** Electrostatic powder coating
- **Objection Direction:** Vertical 0°~25° adjustable, Horizontal 355°
- **Accessory/Bracket:** See the attached table
- **Certification:** CCC
- **IP Rating:** IP20
- **Insulation Level:** Class II
- **Operating Temperature:** -20°C~40°C

## Product Specifications

- **Opening Size:** Ø55mm
- **Ceiling Thickness:** 5mm~15mm
- **Shading Angle:** 45°
- **LED Type:** COB
- **Source Lm:**
  - 2700K: 4W 540lm 7W 758lm;
  - 3000K: 4W 557lm 7W 800lm;
  - 3500K: 4W 578lm 7W 835lm;
  - 4000K: 4W 589lm 7W 850lm;
  - 5000K: 4W 594lm 7W 860lm;
- **LED Lifetime:** >36000h-L70 /B10-Ta25°C(LM-80/TM-21)
- **CCT/CRI:** 2700K/ 3000K/3500K/ 4000K/5000K, CRI≥90
- **Input:** 220V AC / 50Hz
- **Dimming:** Non-dimming
- **Net Weight:** Approx. 0.12Kg, excluding packaging

## Order Model

Model	Size	Trim	LED	Driver	Beam	CCT	Reflector	Finish
DDW Downlight W series	2	1 Round Trim	LM04 COB 4W	E On-Off	1 15°	27 2700K	B Black	WT
			LM07 COB 7W	D 0-10V Dimming	2 24°	30 3000K	S Specular	White
			LM07 COB 7W		N No Driver	3 36°	35 3500K	W White
				5 50°		40 4000K		Black
					50 5000K			

Example: DDW21-LM07E-130SWT

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Project Name:

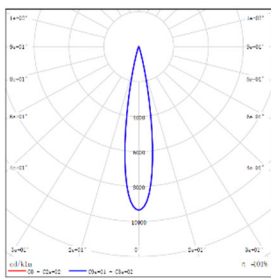
Type:

## Accessory

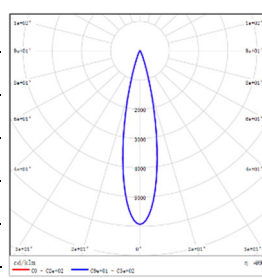
**LENS-11-HCL-BLOOM**  
Rimless Honeycomb



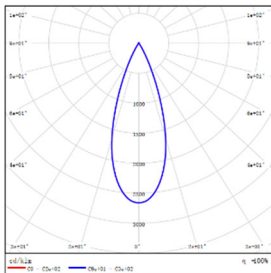
## Light Distribution Curve @3000K data



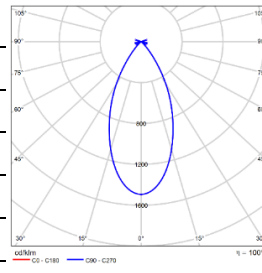
**MODEL:** DDW21-LM04E-130SWT  
**BEAM ANGLE:** 15°  
**POWER:** 5W  
**LUMENS:** 267lm  
**CBCP:** 2528cd  
**EFFICACY:** 53.4lm/W



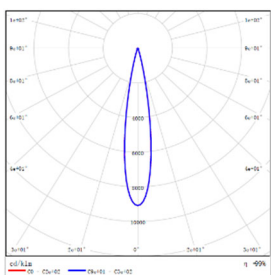
**MODEL:** DDW21-LM04E-230SWT  
**BEAM ANGLE:** 24°  
**POWER:** 5W  
**LUMENS:** 330lm  
**CBCP:** 2008cd  
**EFFICACY:** 66lm/W



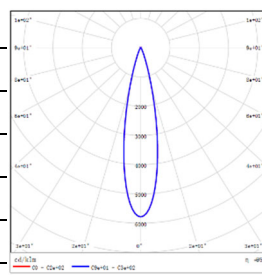
**MODEL:** DDW21-LM04E-330SWT  
**BEAM ANGLE:** 36°  
**POWER:** 5W  
**LUMENS:** 372lm  
**CBCP:** 1006cd  
**EFFICACY:** 74lm/W



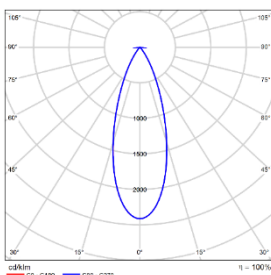
**MODEL:** DDW21-LM04E-530SWT  
**BEAM ANGLE:** 50°  
**POWER:** 5W  
**LUMENS:** 398lm  
**CBCP:** 770cd  
**EFFICACY:** 79lm/W



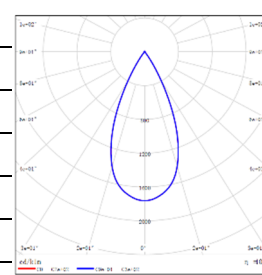
**MODEL:** DDW21-LM07E-130SWT  
**BEAM ANGLE:** 15°  
**POWER:** 7W  
**LUMENS:** 328lm  
**CBCP:** 3078cd  
**EFFICACY:** 46lm/W



**MODEL:** DDW21-LM07E-230SWT  
**BEAM ANGLE:** 24°  
**POWER:** 7W  
**LUMENS:** 381lm  
**CBCP:** 2276cd  
**EFFICACY:** 54lm/W



**MODEL:** DDW21-LM07E-330SWT  
**BEAM ANGLE:** 36°  
**POWER:** 7W  
**LUMENS:** 438lm  
**CBCP:** 1238cd  
**EFFICACY:** 62lm/W



**MODEL:** DDW21-LM07E-530SWT  
**BEAM ANGLE:** 50°  
**POWER:** 7W  
**LUMENS:** 469lm  
**CBCP:** 988cd  
**EFFICACY:** 67lm/W

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# BLOOM – MODEL: DDW31

3" Round Narrow Recessed Downlight

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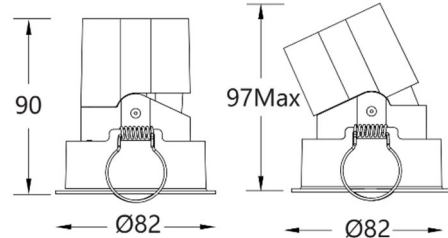
Product Name:

Type:

## Product Image



## Line Drawing



## Product Description

BLOOM Series LED Narrow Recessed Downlights are perfectly integrated with the ceiling after installation. Good anti-glare performance and color consistency control, with a comfortable light effect, mainly for hotels and meeting rooms and other indoor places.

## Product Features

- Body Materials:** Aluminum die-casting lamp body
- Optical System:** Lens + Anti-glare reflector
- Finishes:** Electrostatic powder coating
- Objection Direction:** Vertical 0°~25° adjustable, Horizontal 355°
- Accessory/Bracket:** See the attached table
- Certification:** CCC
- IP Rating:** IP20
- Insulation Level:** Class II
- Operating Temperature:** -20°C~40°C

## Product Specifications

- Opening Size:** Ø75mm
- Ceiling Thickness:** 5mm~15mm
- Shading Angle:** 45°
- LED Type:** COB
- Source Lm:**  
2700K: 7W 758lm; 10W 1080lm; 13W 1404lm  
3000K: 7W 800lm; 10W 1150lm; 13W 1495lm  
3500K: 7W 835lm; 10W 1195lm; 13W 1554lm  
4000K: 7W 850lm; 10W 1210lm; 13W 1573lm  
5000K: 7W 860lm; 10W 1220lm; 13W 1586lm
- LED Lifetime:** >36000h-L70 /B10-Ta25°C(LM-80/TM-21)
- CCT/CRI:** 2700K/ 3000K/3500K/ 4000K/5000K, CRI≥90
- Input:** 220V AC / 50Hz
- Dimming:** Non-dimming/0~10V (must do match test with project site system in advance)
- Net Weight:** Approx. 0.24Kg, excluding packaging

## Order Model

Model	Size	Trim	LED	Driver	Beam	CCT	Reflector	Finish
DDW Downlight W series	3	1 Round Trim	LM07 COB 7W	E On-Off	1 15°	27 2700K	B Black	WT
			LM10 COB 10W	D 0-10V	2 24°	30 3000K	S Specular	White
			LM13 COB 13W	Dimming	3 36°	35 3500K	W White	BK
			LM13 COB 13W	N No Driver	5 50°	40 4000K	Black	
					50 5000K			

Example: DDW31-LM07E-130SWT

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# BLOOM - MODEL: DDW31

3" Round Narrow Recessed Downlight


# WAC LIGHTING

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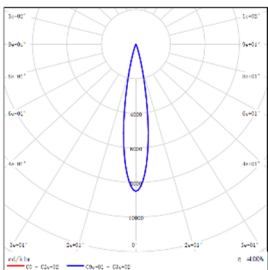
Project Name:

Type:

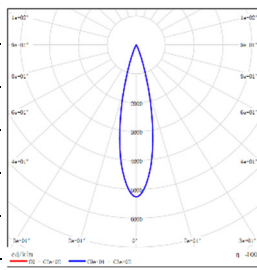
## Accessory

<b>LENS-12-HCL-BLOOM</b> Rimless Honeycomb			
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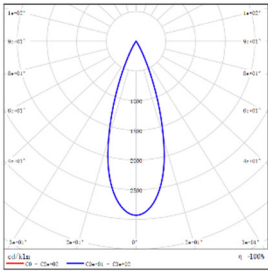
## Light Distribution Curve @3000K data



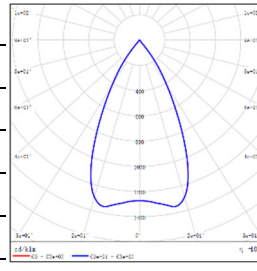
**MODEL:** DDW31-LM07E-130SWT  
**BEAM ANGLE:** 15°  
**POWER:** 8W  
**LUMENS:** 435lm  
**CBCP:** 3777cd  
**EFFICACY:** 54lm/W



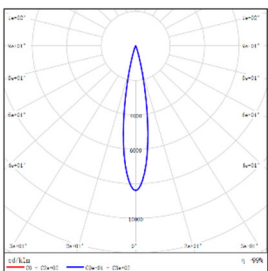
**MODEL:** DDW31-LM07E-230SWT  
**BEAM ANGLE:** 24°  
**POWER:** 8W  
**LUMENS:** 548lm  
**CBCP:** 2888cd  
**EFFICACY:** 68lm/W



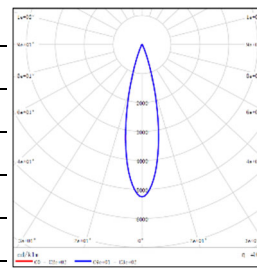
**MODEL:** DDW31-LM07E-330SWT  
**BEAM ANGLE:** 36°  
**POWER:** 8W  
**LUMENS:** 564lm  
**CBCP:** 1674cd  
**EFFICACY:** 70lm/W



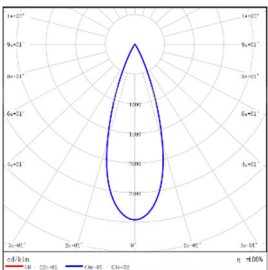
**MODEL:** DDW31-LM07E-530SWT  
**BEAM ANGLE:** 50°  
**POWER:** 8W  
**LUMENS:** 404lm  
**CBCP:** 570cd  
**EFFICACY:** 50lm/W



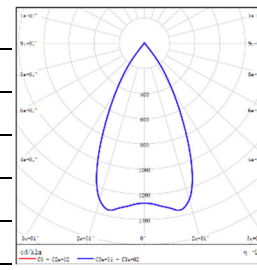
**MODEL:** DDW31-LM10E-130SWT  
**BEAM ANGLE:** 15°  
**POWER:** 10W  
**LUMENS:** 554lm  
**CBCP:** 4686cd  
**EFFICACY:** 55lm/W



**MODEL:** DDW31-LM10E-230SWT  
**BEAM ANGLE:** 24°  
**POWER:** 10W  
**LUMENS:** 681lm  
**CBCP:** 3595cd  
**EFFICACY:** 68lm/W



**MODEL:** DDW31-LM10E-330SWT  
**BEAM ANGLE:** 36°  
**POWER:** 10W  
**LUMENS:** 715lm  
**CBCP:** 2128cd  
**EFFICACY:** 71lm/W



**MODEL:** DDW31-LM10E-530SWT  
**BEAM ANGLE:** 50°  
**POWER:** 10W  
**LUMENS:** 506lm  
**CBCP:** 697cd  
**EFFICACY:** 50lm/W

# BLOOM - MODEL: DDW31

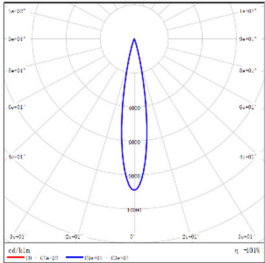
# WAC LIGHTING

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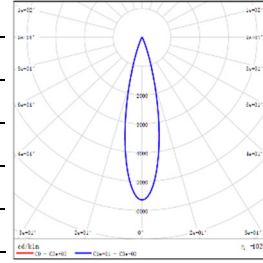
3" Round Narrow Recessed Downlight

Project Name:

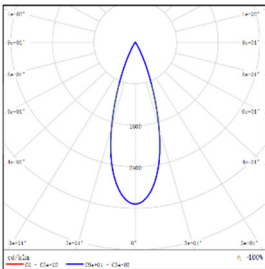
Type:



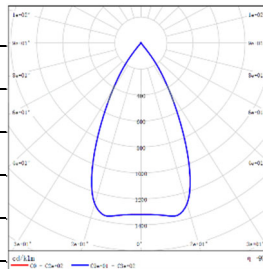
**MODEL:** DDW31-LM13E-130SWT  
**BEAM ANGLE:** 15°  
**POWER:** 13W  
**LUMENS:** 672lm  
**CBCP:** 5975cd  
**EFFICACY:** 51lm/W



**MODEL:** DDW31-LM13E-230SWT  
**BEAM ANGLE:** 24°  
**POWER:** 13W  
**LUMENS:** 832lm  
**CBCP:** 4752cd  
**EFFICACY:** 64lm/W



**MODEL:** DDW31-LM13E-330SWT  
**BEAM ANGLE:** 36°  
**POWER:** 13W  
**LUMENS:** 809lm  
**CBCP:** 2546cd  
**EFFICACY:** 62lm/W



**MODEL:** DDW31-LM13E-530SWT  
**BEAM ANGLE:** 50°  
**POWER:** 13W  
**LUMENS:** 571lm  
**CBCP:** 812cd  
**EFFICACY:** 44lm/W

# BLOOM – MODEL: DDW41

# WAC LIGHTING

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4• Round Narrow Insert Downlight

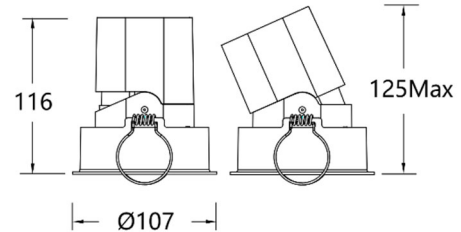
Product Name:

Type:

Product Image:



Line Drawing



## Product Description

BLOOM Series LED Narrow Recessed Downlights are perfectly integrated with the ceiling after installation. Good anti-glare performance and color consistency control, with a comfortable light effect, mainly for hotels and meeting rooms and other indoor places.

## Product Features

- **Body Materials:** Aluminum die-casting lamp body
- **Optical System:** Lens + Anti-glare reflector
- **Finishes:** Electrostatic powder coating
- **Objection Direction:** Vertical 0°~25° adjustable, Horizontal 355°
- **Accessory/Bracket:** See the attached table
- **Certification:** CCC
- **IP Rating:** IP20
- **Insulation Level:** Class II
- **Operating Temperature:** -20°C~40°C

## Product Specifications

- **Opening Size:** Ø100mm
- **Ceiling Thickness:** 5mm~25mm
- **Shading Angle:** 45°
- **LED Type:** COB
- **Source Lm:**
  - 2700K:13W1530lm; 18W 2065lm;
  - 3000K:13W1645lm; 18W 2200lm;
  - 3500K:13W1680lm; 18W 2270lm;
  - 4000K:13W1770lm; 18W 2390lm;
  - 5000K:13W1780lm; 18W 2495lm;
- **LED Lifetime:** >36000h-L70 /B10-Ta25°C(LM-80/TM-21)
- **CCT/CRI:** 2700K/ 3000K/3500K/ 4000K/5000K, CRI≥90
- **Input:** 220V AC / 50Hz
- **Dimming:** Non-dimming/0~10V (must do match test with project site system in advance)
- **Net Weight:** Approx. 0.44Kg, excluding packaging

## Order Model

Model	Size	Trim	LED	Driver	Beam	CCT	Reflector	Finish
DDW Downlight W series	4	1 Round Trim	LM13 COB 18W	E On-Off	1 15°	27 2700K	B Black	WT
			LM18 COB 18W	D 0-10V Dimming	2 24°	30 3000K	S Specular	White
			LM18 COB 18W	N No Driver	3 36°	35 3500K	W White	BK
					5 50°	40 4000K		Black
					50 5000K			

Example: DDW41-LM13E-130SWT

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# BLOOM - MODEL: DDW41

4" Round Narrow Recessed Downlight


# WAC LIGHTING

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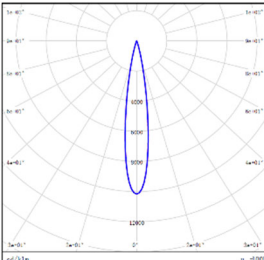
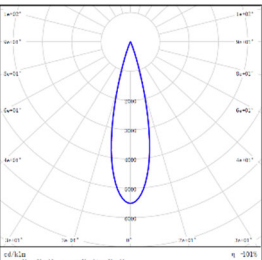
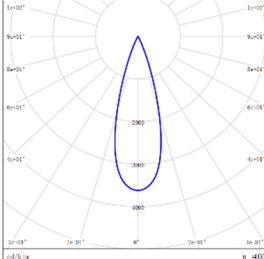
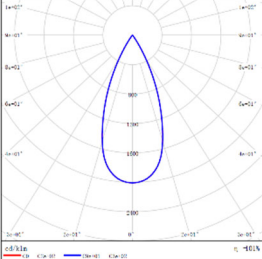
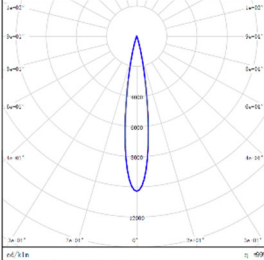
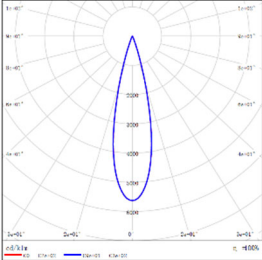
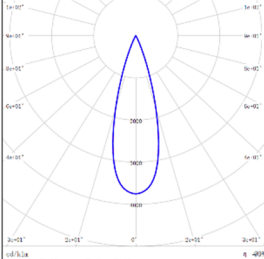
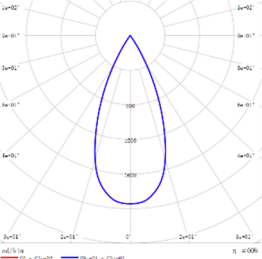
Product Name:

Type:

## Accessory

<b>LENS-13-HCL-BLOOM</b> Rimless Honeycomb 			
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## Light Distribution Curve @3000K data

	<p><b>MODEL:</b> DDW41-LM13E-130SWT</p> <p><b>BEAM ANGLE:</b> 15°</p> <p><b>POWER:</b> 14W</p> <p><b>LUMENS:</b> 874lm</p> <p><b>CBCP:</b> 8970cd</p> <p><b>EFFICACY:</b> 62lm/W</p>		<p><b>MODEL:</b> DDW41-LM13E-230SWT</p> <p><b>BEAM ANGLE:</b> 24°</p> <p><b>POWER:</b> 14W</p> <p><b>LUMENS:</b> 1286lm</p> <p><b>CBCP:</b> 7154cd</p> <p><b>EFFICACY:</b> 91lm/W</p>
	<p><b>MODEL:</b> DDW41-LM13E-330SWT</p> <p><b>BEAM ANGLE:</b> 36°</p> <p><b>POWER:</b> 14W</p> <p><b>LUMENS:</b> 1299lm</p> <p><b>CBCP:</b> 4843cd</p> <p><b>EFFICACY:</b> 92lm/W</p>		<p><b>MODEL:</b> DDW41-LM13E-530SWT</p> <p><b>BEAM ANGLE:</b> 50°</p> <p><b>POWER:</b> 14W</p> <p><b>LUMENS:</b> 1168lm</p> <p><b>CBCP:</b> 2351cd</p> <p><b>EFFICACY:</b> 83lm/W</p>
	<p><b>MODEL:</b> DDW41-LM18E-130SWT</p> <p><b>BEAM ANGLE:</b> 15°</p> <p><b>POWER:</b> 20W</p> <p><b>LUMENS:</b> 1196lm</p> <p><b>CBCP:</b> 12401cd</p> <p><b>EFFICACY:</b> 60lm/W</p>		<p><b>MODEL:</b> DDW41-LM18E-230SWT</p> <p><b>BEAM ANGLE:</b> 24°</p> <p><b>POWER:</b> 20W</p> <p><b>LUMENS:</b> 1674lm</p> <p><b>CBCP:</b> 3595cd</p> <p><b>EFFICACY:</b> 83lm/W</p>
	<p><b>MODEL:</b> DDW41-LM18E-330SWT</p> <p><b>BEAM ANGLE:</b> 36°</p> <p><b>POWER:</b> 20W</p> <p><b>LUMENS:</b> 1590lm</p> <p><b>CBCP:</b> 6039cd</p> <p><b>EFFICACY:</b> 79lm/W</p>		<p><b>MODEL:</b> DDW41-LM18E-530SWT</p> <p><b>BEAM ANGLE:</b> 50°</p> <p><b>POWER:</b> 20W</p> <p><b>LUMENS:</b> 1551lm</p> <p><b>CBCP:</b> 3046cd</p> <p><b>EFFICACY:</b> 77lm/W</p>

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