

# ELANA PRO - MODEL: DLH21

# WAC LIGHTING

Responsible Lighting®

2" Round Narrow Recessed Downlight

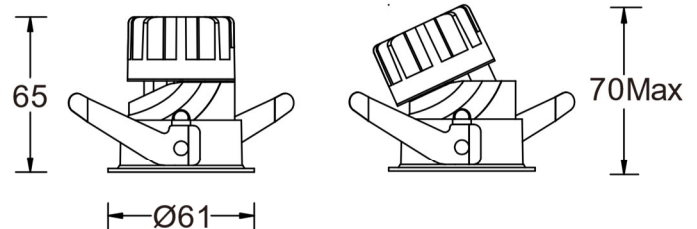
Project Name:

Type:

## Product Image



## Line Drawing



## Product Description

ELANA Pro round narrow recessed downlight perfectly integrates downlighting and angle adjustment functions, allowing easy access to a wide range of downlighting options. The precise light distribution through the lens and high-quality reflector provide a comfortable visual experience while ensuring the integrity of the light spot. Particularly suitable for high-end hotels, commercial and office public space.

## Product Features

- **Body Materials:** Aluminum die-cast frame and body
- **Optical System:** Lens + Reflector
- **Finishes:** Electrostatic powder coating
- **Objection Direction:** Vertical 0~25°, Horizontal 0~360°
- **Accessory/Bracket:** 15° self-contained honeycomb, remaining optional
- **Certification:** CCC
- **IP Rating:** IP20
- **Insulation Level:** Class II
- **Operating Temperature:** -20°C~40°C

## Product Specifications

- **Opening Dimensions:** Ø55mm
- **Ceiling Thickness:** 5~15mm
- **Shading Angle:** 40°
- **LED Type:** COB
- **Source Lm:** 2700K 7W 758lm; 3000K 7W 800lm; 4000K 7W 850lm;
- **LED Lifetime:** >50000h-L70 / B10-Ta25°C(LM-80/TM-21)
- **CCT/CRI:** 2700K / 3000K / 4000K, Ra90
- **SDCM:** 3 SDCM
- **Input:** 220V AC/50Hz
- **Dimming:** Non-dimmable / 0-10V / DALI (must be tested in advance for compatibility with project site systems)
- **Net Weight:** Approx. 0.2Kg, excluding packaging

## Order Model

Model	Size	Trim	LED	Driver	Beam	CCT	Reflector	Finish
DLH Downlight H series	2 2"	1 Round Trim	LM05 COB 5W	E ON-OFF	1 15°	27 2700K	S Specular	WT White
			LM07 COB 7W	D 0-10V Dimming	2 24°	30 3000K	B Black	BK Blake
					3 36°	40 4000K	W White	
			LM07 COB 7W	N No Driver A DALI	5 50°			

Example: DLH21-LM07-E230SWT

Note: 15° shipped with honeycomb, without other angles

WAC Lighting  
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Project Name:

Type:

## Accessory

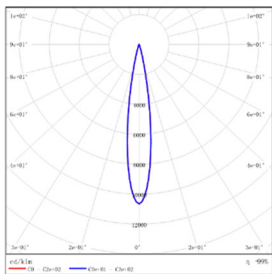
### LENS-08-HCL

Rimless Honeycomb Grid



NOTE: Must be ordered separately; the 15° is shipped with a rimless honeycomb grille by default.

## Light Distribution Curve @3000K data



MODEL: DLH21-LM07-E130SWT

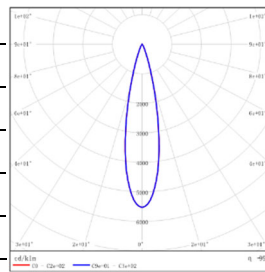
BEAM ANGLE: 15°

POWER: 8W

LUMENS: 323lm

CBCP: 3439cd

EFFICACY: 40lm/W



MODEL: DLH21-LM07-E230SWT

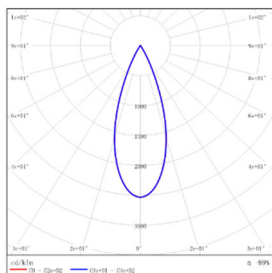
BEAM ANGLE: 24°

POWER: 8W

LUMENS: 519lm

CBCP: 2866cd

EFFICACY: 65lm/W



MODEL: DLH21-LM07-E330SWT

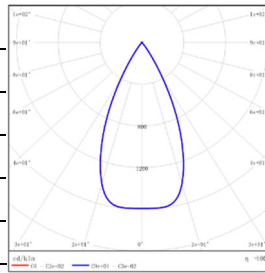
BEAM ANGLE: 36°

POWER: 8W

LUMENS: 515lm

CBCP: 1304cd

EFFICACY: 64lm/W



MODEL: DLH21-LM07-E530SWT

BEAM ANGLE: 50°

POWER: 8W

LUMENS: 564lm

CBCP: 898cd

EFFICACY: 71lm/W

# ELANA PRO - MODEL: DLH31

# WAC LIGHTING

Responsible Lighting®

3" Round Narrow Recessed Downlight

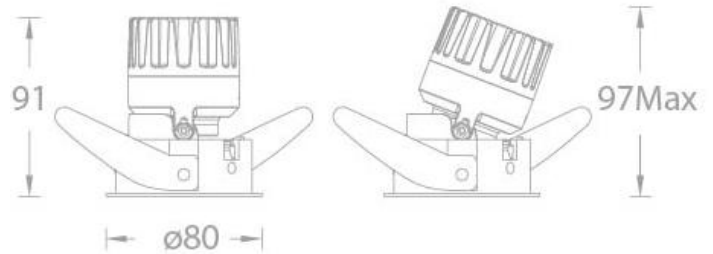
Project Name:

Type:

## Product Image



## Line Drawing



## Product Description:

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## Product Features

- **Body Materials:** Aluminum die-cast frame and body
- **Optical System:** Lens + Reflector
- **Finishes:** Electrostatic powder coating
- **Objection Direction:** Vertical 0~25°, Horizontal 0~355°
- **Accessory/Bracket:** 15° self-contained honeycomb
- **Certification:** CCC
- **IP Rating:** IP20
- **Insulation Level:** Class II
- **Operating Temperature:** -20°C~40°C

## Product Specifications

- **Opening Dimensions:** Ø75mm
- **Ceiling Thickness:** 6~15mm
- **Shading Angle:** 40°
- **LED Type:** COB
- **Source Lm:** 2700K 7W 758lm; 10W 1080lm; 13W 1404lm  
3000K 7W 800lm; 10W 1150lm; 13W 1495lm 4000K 7W 850lm; 10W 1210lm; 13W 1573lm
- **LED Lifetime:** >50000h-L70 / B10-Ta25°C(LM-80/TM-21)
- **CCT/CRI:** 2700K / 3000K / 4000K, Ra90
- **SDCM:** 3 SDCM
- **Input:** 220V AC/50Hz
- **Dimming:** Non-dimmable / 0-10V / DALI (must be tested in advance for compatibility with project site system)
- **Net Weight:** Approx. 0.3Kg, excluding packaging

## Order Model

Model	Size	Trim	LED	Driver	Beam	CCT	Reflector	Finish
DLH Downlight H series	3 3"	1 Round Trim	LM07 COB 7W	E ON-OFF D 0-10V Dimming	1 15°	27 2700K	S Specular B Black	WT White
			LM10 COB 10W		2 24°	30 3000K		
			LM13 COB 13W		3 36°	40 4000K		
			LM13 COB 13W	4 45°				
				N No Driver A DALI				

Example: DLH31-LM10-E230SWT

Note: 15° shipped with honeycomb, without other angles

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# ELANA PRO - MODEL: DLH31

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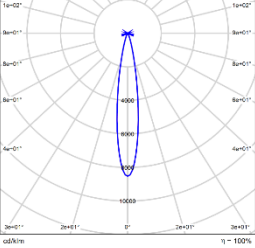
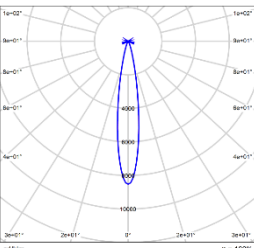
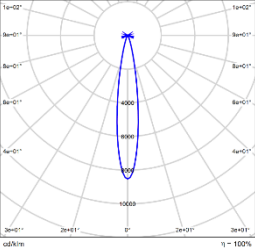
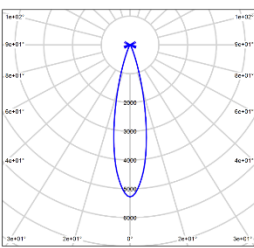
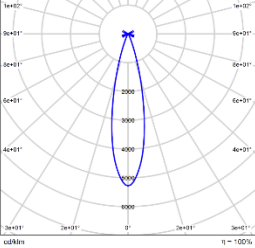
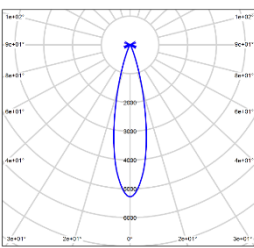
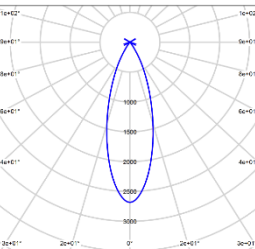
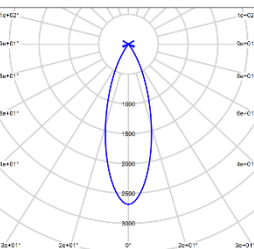
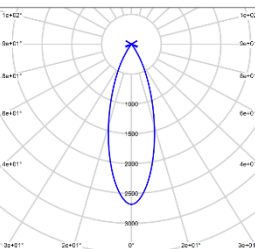
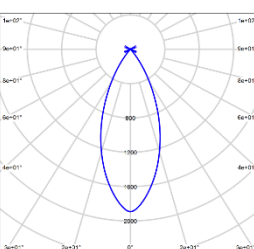
3" Round Narrow Recessed Downlight

Project Name:

Type:

## Accessory

### Light Distribution Curve @3000K Data

	<b>MODEL:</b> DLH31-LM07-E130SWT <b>BEAM ANGLE:</b> 15° <b>POWER:</b> 9W <b>LUMENS:</b> 351lm <b>CBCP:</b> 3436cd <b>EFFICACY:</b> 39lm/W		<b>MODEL:</b> DLH31-LM10-E130SWT <b>BEAM ANGLE:</b> 15° <b>POWER:</b> 11W <b>LUMENS:</b> 446lm <b>CBCP:</b> 4366cd <b>EFFICACY:</b> 41lm/W
	<b>MODEL:</b> DLH31-LM13-E130SWT <b>BEAM ANGLE:</b> 15° <b>POWER:</b> 15W <b>LUMENS:</b> 562lm <b>CBCP:</b> 5501cd <b>EFFICACY:</b> 37lm/W		<b>MODEL:</b> DLH31-LM07-E230SWT <b>BEAM ANGLE:</b> 24° <b>POWER:</b> 9W <b>LUMENS:</b> 662lm <b>CBCP:</b> 2893cd <b>EFFICACY:</b> 74lm/W
	<b>MODEL:</b> DLH31-LM10-E230SWT <b>BEAM ANGLE:</b> 24° <b>POWER:</b> 11W <b>LUMENS:</b> 841lm <b>CBCP:</b> 3675cd <b>EFFICACY:</b> 76lm/W		<b>MODEL:</b> DLH31-LM13-E230SWT <b>BEAM ANGLE:</b> 24° <b>POWER:</b> 15W <b>LUMENS:</b> 1059lm <b>CBCP:</b> 4631cd <b>EFFICACY:</b> 71lm/W
	<b>MODEL:</b> DLH31-LM07-E330SWT <b>BEAM ANGLE:</b> 36° <b>POWER:</b> 9W <b>LUMENS:</b> 564lm <b>CBCP:</b> 1567cd <b>EFFICACY:</b> 81lm/W		<b>MODEL:</b> DLH31-LM10-E330SWT <b>BEAM ANGLE:</b> 36° <b>POWER:</b> 11W <b>LUMENS:</b> 716lm <b>CBCP:</b> 1991cd <b>EFFICACY:</b> 65lm/W
	<b>MODEL:</b> DLH31-LM13-E330SWT <b>BEAM ANGLE:</b> 36° <b>POWER:</b> 15W <b>LUMENS:</b> 902lm <b>CBCP:</b> 2508cd <b>EFFICACY:</b> 60lm/W		<b>MODEL:</b> DLH31-LM07-E430SWT <b>BEAM ANGLE:</b> 45° <b>POWER:</b> 9W <b>LUMENS:</b> 497lm <b>CBCP:</b> 886cd <b>EFFICACY:</b> 55lm/W

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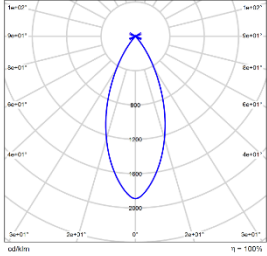
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3" Round Narrow Recessed Downlight

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**MODEL:** DLH31-LM10-E430SWT

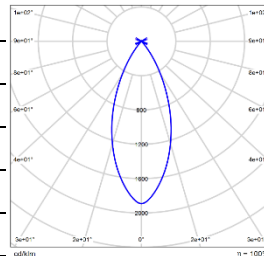
**BEAM ANGLE:** 45°

**POWER:** 11W

**LUMENS:** 632lm

**CBCP:** 1126cd

**EFFICACY:** 57lm/W



**MODEL:** DLH31-LM13-E430SWT

**BEAM ANGLE:** 45°

**POWER:** 15W

**LUMENS:** 796lm

**CBCP:** 1419cd

**EFFICACY:** 53lm/W