

VOLTA- MODEL: ADDT35

3" Round Narrow Recessed Adjustable Downlight

WAC LIGHTING

Responsible Lighting®

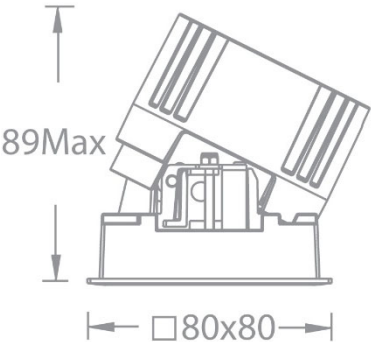
Project Name:

Type:

Product Image



Line Drawing



Product Description

VOLTA II series LED square narrow recessed adjustable downlight, streamlined appearance, with precise lens and black mirror reflector design. It guarantees light output while still achieving the ultimate anti-glare effect, and the light source cavity is sealed to minimize the impact of humid environment on its performance. Free to remove and replace the reflector or optical accessories, greatly improving the convenience of the site. Mainly suitable for hotel and commercial indoor places.

Product Features

- **Body Material:** Aluminum die-casting lamp body
- **Optical System:** Lens+Reflector
- **Finish:** Electrostatic powder coating
- **Objection Angle:** Vertical 0-25°
- **Accessory / Bracket:** See attachment
- **Certification:** CCC
- **IP Rating:** IP20
- **Insulation Class:** Class II
- **Operating Temperature:** -20°C~40°C

Product Specifications

- **Cutoff:** 75*75mm
- **Ceiling Thickness:** 1mm~15mm
- **Shading Angle:** 30°
- **LED Type:** COB
- **Source Lm:** 2700K: 7W 1065lm; 10W 1425lm; 13W 1855lm
3000K: 7W 1120lm; 10W 1500lm; 13W 1950lm
3500K: 7W 1155lm; 10W 1545lm; 13W 2010lm
4000K: 7W 1200lm; 10W 1605lm; 13W 2085lm
5000K: 7W 1230lm; 10W 1650lm; 13W 2145lm
- **LED Lifetime:** >50000h-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/DALI (must be done in advance with the project site system to match the test)
- **Net Weight:** Approx. 0.35Kg, without packaging

Order Model

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

Example: ADDT35-LM10E230SWT

WAC Lighting
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VOLTA- MODEL: ADDT35

3" Round Narrow Recessed Downlight

Project Name:

Type:

Accessory

ALENS-DDT31-BEL

Striped Glass Lens



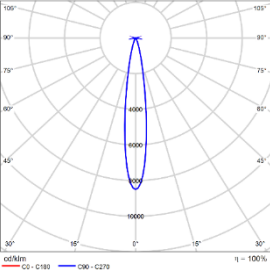
ALENS-DDT31-HCL

Rimless Honeycomb Grid



Note: Up to one additional optical accessory can be installed, the factory does not come with accessories, need to be ordered separately.

Light Distribution@3000K Data



MODEL:

ADDT35-LM10E130SWT

BEAM ANGLE:

15°

POWER:

10W

LUMENS:

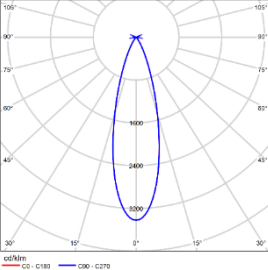
980lm

CBCP:

7141cd

EFFICACY:

98lm/W



MODEL:

ADDT35-LM10E230SWT

BEAM ANGLE:

24°

POWER:

10W

LUMENS:

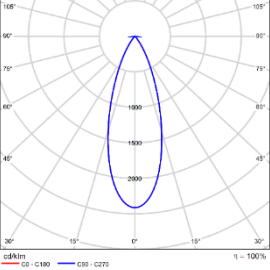
935lm

CBCP:

4034cd

EFFICACY:

94lm/W



MODEL:

ADDT35-LM10E330SWT

BEAM ANGLE:

36°

POWER:

10W

LUMENS:

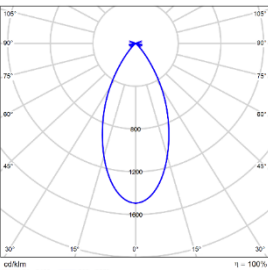
1025lm

CBCP:

2390cd

EFFICACY:

102lm/W



MODEL:

ADDT35-LM10E530SWT

BEAM ANGLE:

55°

POWER:

10W

LUMENS:

877lm

CBCP:

1256cd

EFFICACY:

88lm/W

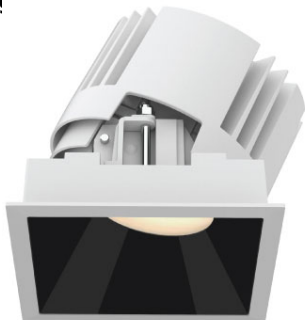
VOLTA- MODEL: ADDT45
4" Round Narrow Recessed Adjustable Downlight

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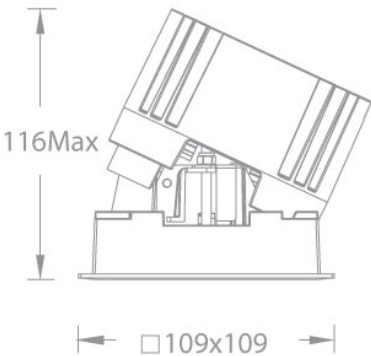
Project Name:

Type:

Product Image



Line Drawing



Product Description

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Product Features

- **Body Material:** Aluminum die-casting lamp body
- **Optical System:** Lens+Reflector
- **Finish:** Electrostatic powder coating
- **Objection Angle:** Vertical 0-25°
- **Accessory / Bracket:** See attachment
- **Certification:** CCC
- **IP Rating:** IP20
- **Insulation Class:** Class II
- **Operating Temperature:** -20°C~40°C

Product Specifications

- **Cutoff:** 100*100mm
- **Ceiling Thickness** 1mm~20mm
- **Shading Angle:** 30°
- **LED Type:** COB
- **Source Lm:**
2700K: 13W 1855lm; 18W 2565lm
3000K: 13W 1950lm; 18W 2700lm
3500K: 13W 2010lm; 18W 2780lm
4000K: 13W 2090lm; 18W 2890lm
5000K: 13W 2145lm; 18W 2970lm
- **LED Lifetime:** >50000h-L70 /B10-Ta25°C(LM-80/TM-21)
- **CCT/CRI:** 2700K/3000K/3500K/4000K/5000K, CRI≥90
- **Input:** 220V AC / 50Hz
- **Dimming:** No dimming / 0-10V/DALI (must do match test with project site system in advance) .
- **Net Weight:** Approx. 0.7Kg, without packaging

Order Model

Model	Size	Trim	LED	Driver	Beam	CCT	Reflector	Finish						
ADDT Downlight Directional T series	4 4"	5 Square Trim	LM13	COB 13W	E	On-Off	N	12°	27	2700K	B	Black	WT	White
			LM18	COB 18W	D	0-10V	1	18°	30	3000K	S	Specular	BK	Black
						Dimming	2	24°	35	3500K				
							3	36°	40	4000K				
							5	55°	50	5000K				
			LM18	COB 18W	N	No Driver								
					A	DALI								

Example: ADDT45-LM18E230SWT

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VOLTA- MODEL: ADDT45
4" Square Narrow Recessed Adjustable Downlight

Project Name:

Type:

Accessory

ALENS-DDT41-BEL
Striped Glass Lens

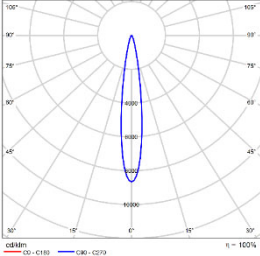


ALENS-DDT41-HCL
Rimless Honeycomb Grid



Note: Up to one additional optical accessory can be installed, the factory does not come with accessories, need to be ordered separately.

Light Distribution@3000K Data



cd/klm
0° - C180
C90 - C270
η = 100%

MODEL: ADDT45-LM18EN30SWT

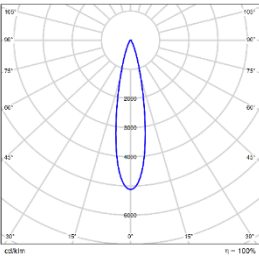
BEAM ANGLE: 12°

POWER: 18W

LUMENS: 1679lm

CBCP: 19295cd

EFFICACY: 93lm/W



cd/klm
0° - C180
C90 - C270
η = 100%

MODEL: ADDT45-LM18E130SWT

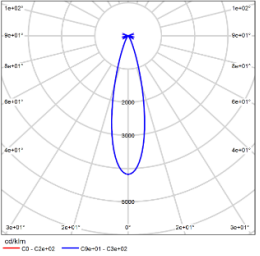
BEAM ANGLE: 18°

POWER: 18W

LUMENS: 2389lm

CBCP: 14373cd

EFFICACY: 133lm/W



cd/klm
0° - C180
C90 - C270
η = 100%

MODEL: ADDT45-LM18E230SWT

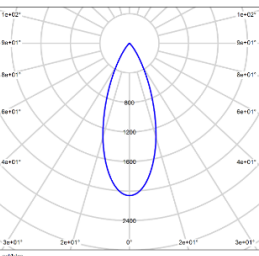
BEAM ANGLE: 24°

POWER: 18W

LUMENS: 2302lm

CBCP: 9023cd

EFFICACY: 128lm/W



cd/klm
0° - C180
C90 - C270
η = 100%

MODEL: DDT45-LM18E330SWT A

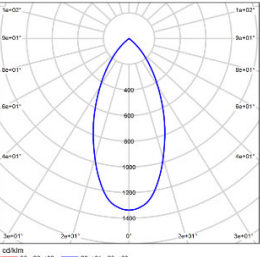
BEAM ANGLE: 36°

POWER: 18W

LUMENS: 2176lm

CBCP: 5323cd

EFFICACY: 121lm/W



cd/klm
0° - C180
C90 - C270
η = 100%

MODEL: ADDT45-LM18E530SWT

BEAM ANGLE: 55°

POWER: 18W

LUMENS: 2025lm

CBCP: 2781cd

EFFICACY: 112lm/W