

VOLTA- MODEL: ADLT45

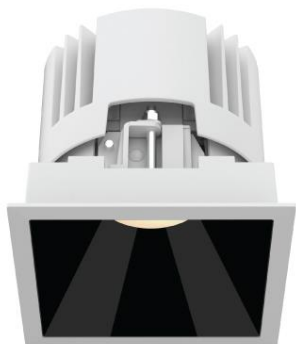
4 " Square Narrow Recessed Angled Downlight

WAC LIGHTING

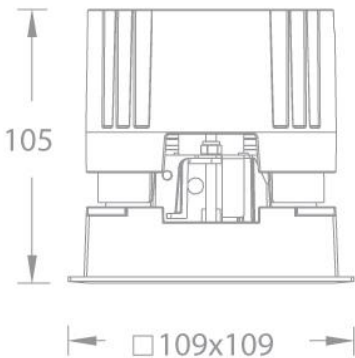
PROJECT:

TYPE:

Product Image



Line Drawing



Product Description

VOLTA series LED square narrow side embedded downlight, streamlined appearance, using accurate lens and black mirror reflector design, to ensure light while still achieve the ultimate anti-glare effect, the light source cavity is sealed design, can minimize the impact of wet environment on its performance; It can also be freely disassembled and replaced with reflectors or optical accessories, greatly improving the convenience of the site, mainly for hotels and commercial indoor places.

Product Features

- **Body Material:** Aluminum alloy die-cast lamp body
- **Optical System:** Lens + reflector
- **Finish:** electrostatic powder spraying
- **Projection Direction:** /
- **Accessories:** see the attachment
- **Certification:** CCC
- **IP Rating:** IP20(Light source cavity IP44)
- **Insulation Level:** Class II
- **Operating Temperature:** -20°C~40°C

Product Specification

- **Cut Out:** □100x100mm
- **Ceiling thickness:** 1mm~20mm
- **lamp shielding angle:** 30°
- **LED Type:** COB
- **Source Lm:**
  - 2700K: 8W 685lm; 13W 1380lm; 18W 1860lm
  - 3000K: 8W 720lm; 13W 1465lm; 18W 1975lm
  - 3500K: 8W 750lm; 13W 1540lm; 18W 2070lm
  - 4000K: 8W 765lm; 13W 1600lm; 18W 2155lm
  - 5000K: 8W 775lm; 13W 1645lm; 18W 2220lm
- **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 tested with the project site system in advance)
- **Net Weight:** Approx. 0.7Kg without packing

Order Model

| Model                         | Size    | Trim             | LED          | Driver                         | Beam           | CCT                  | Reflector  | Finish   |
|-------------------------------|---------|------------------|--------------|--------------------------------|----------------|----------------------|------------|----------|
| ADLT<br>Downlight<br>T series | 4<br>4" | 5<br>Square Trim | LD08 LED 8W  | E On-Off<br>D 0-10V<br>Dimming | S 8°           | 27 2700K             | B Black    | WT White |
|                               |         |                  | LM13 COB 13W |                                | 1 15°          | 30 3000K             | S Specular | BK Black |
|                               |         |                  | LM18 COB 18W |                                | 2 24°          | 35 3500K             |            |          |
|                               |         |                  | LM18 COB 18W | N No Driver<br>A DALI          | 3 36°<br>5 50° | 40 4000K<br>50 5000K |            |          |

Example: ADLT45-LM18E230SWT

WAC Lighting  
www.waclighting.com (US)  
www.waclighting.net (International)

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WAC Lighting reserves the right to periodically design and update products. 2024-03-26

VOLTA- MODEL: ADLT45

4 " Square Narrow Recessed Angled Downlight

WAC LIGHTING

PROJECT:

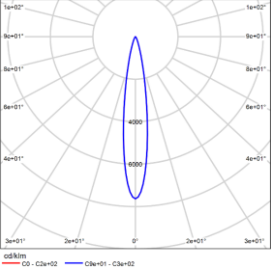
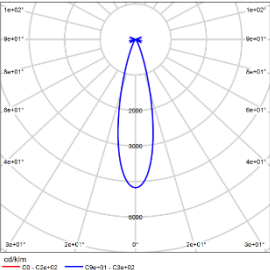
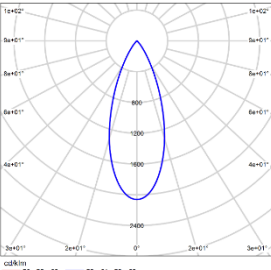
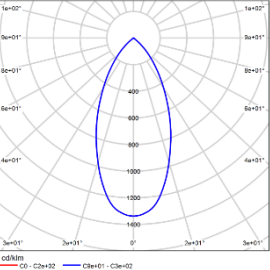
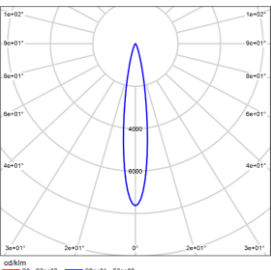
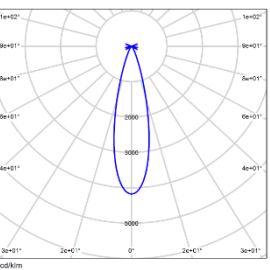
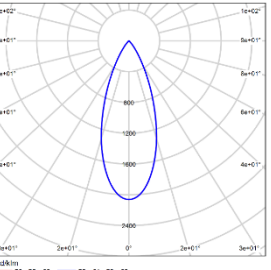
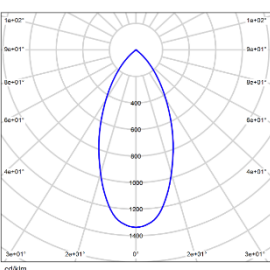
TYPE:

Accessories

|                                              |                                                                                   |                                     |                                                                                   |
|----------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------|-----------------------------------------------------------------------------------|
| <b>ALENS-DLT41-BEL</b><br>Striped glass lens |  | <b>ALENS-DLT41-HCL</b><br>Honeycomb |  |
|----------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------|-----------------------------------------------------------------------------------|

Note: Up to one optical accessory can be added, the factory is not equipped with accessories, need to order separately

LIGHT DESTRIUTION @3000K DATA

|                                                                                    |                                                                                                                                                                              |                                                                                      |                                                                                                                                                                              |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|   | <b>MODEL:</b><br>ADLT45-LM13E130SWT<br><b>BEAM ANGLE:</b><br>15°<br><b>POWER:</b><br>15W<br><b>LUMENS:</b><br>884lm<br><b>CBCP:</b><br>6749cd<br><b>EFFICACY:</b><br>59lm/W  |   | <b>MODEL:</b><br>ADLT45-LM13E230SWT<br><b>BEAM ANGLE:</b><br>24°<br><b>POWER:</b><br>15W<br><b>LUMENS:</b><br>1128lm<br><b>CBCP:</b><br>4708cd<br><b>EFFICACY:</b><br>75lm/W |
|  | <b>MODEL:</b><br>ADLT45-LM13E330SWT<br><b>BEAM ANGLE:</b><br>36°<br><b>POWER:</b><br>15W<br><b>LUMENS:</b><br>1204lm<br><b>CBCP:</b><br>2482cd<br><b>EFFICACY:</b><br>80lm/W |  | <b>MODEL:</b><br>ADLT45-LM13E530SWT<br><b>BEAM ANGLE:</b><br>50°<br><b>POWER:</b><br>15W<br><b>LUMENS:</b><br>995lm<br><b>CBCP:</b><br>1330cd<br><b>EFFICACY:</b><br>66lm/W  |
|  | <b>MODEL:</b><br>ADLT45-LM18E130SWT<br><b>BEAM ANGLE:</b><br>15°<br><b>POWER:</b><br>22W<br><b>LUMENS:</b><br>1258lm<br><b>CBCP:</b><br>9597cd<br><b>EFFICACY:</b><br>57lm/W |  | <b>MODEL:</b><br>ADLT45-LM18E230SWT<br><b>BEAM ANGLE:</b><br>24°<br><b>POWER:</b><br>21W<br><b>LUMENS:</b><br>1604lm<br><b>CBCP:</b><br>6695cd<br><b>EFFICACY:</b><br>76lm/W |
|  | <b>MODEL:</b><br>ADLT45-LM18E330SWT<br><b>BEAM ANGLE:</b><br>36°<br><b>POWER:</b><br>21W<br><b>LUMENS:</b><br>1712lm<br><b>CBCP:</b><br>3529cd<br><b>EFFICACY:</b><br>82lm/W |  | <b>MODEL:</b><br>ADLT45-LM18E530SWT<br><b>BEAM ANGLE:</b><br>50°<br><b>POWER:</b><br>21W<br><b>LUMENS:</b><br>1414lm<br><b>CBCP:</b><br>1891cd<br><b>EFFICACY:</b><br>67lm/W |

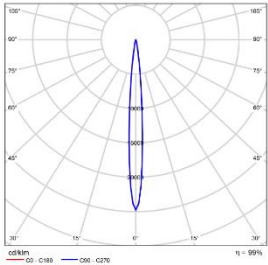
**VOLTA-** MODEL: ADLT45

4 " Square Narrow Recessed Angled Downlight

WAC LIGHTING

PROJECT:

TYPE:



|           |                    |
|-----------|--------------------|
| MODEL:    | ADLT45-LD08ES30SWT |
| BEAM      |                    |
| ANGLE:    | 8°                 |
| POWER:    | 11W                |
|           | 375lm              |
| LUMENS:   |                    |
|           | 9280cd             |
| CBCP:     |                    |
|           | 34lm/W             |
| EFFICACY: |                    |

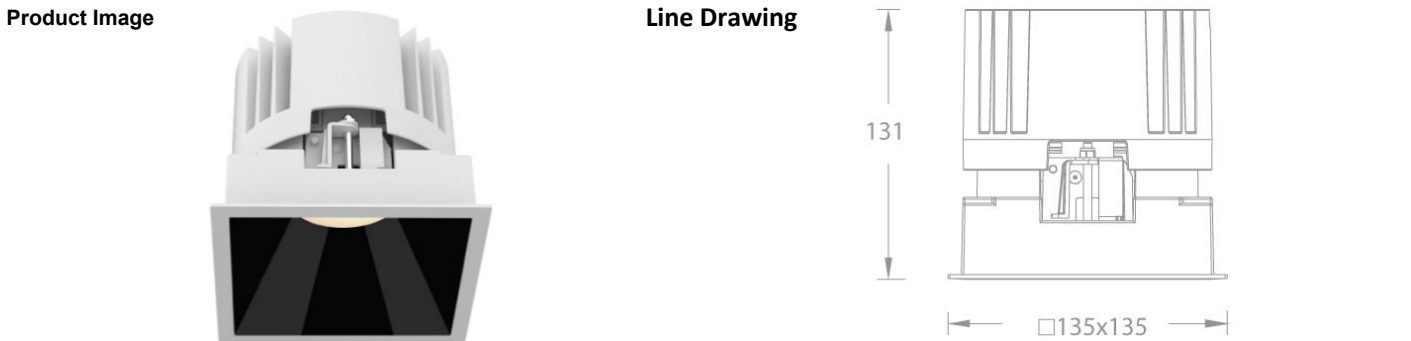
VOLTA- MODEL: ADLT55

4 " Square Narrow Recessed Angled Downlight

WAC LIGHTING

PROJECT:

TYPE:



**Product Description**

VOLTA series LED square narrow side embedded downlight, streamlined appearance, using accurate lens and black mirror reflector design, to ensure light while still achieve the ultimate anti-glare effect, the light source cavity is sealed design, can minimize the impact of wet environment on its performance; It can also be freely disassembled and replaced with reflectors or optical accessories, greatly improving the convenience of the site, mainly for hotels and commercial indoor places.

| Product Features                |                                   | Product Specification          |                                                                                 |
|---------------------------------|-----------------------------------|--------------------------------|---------------------------------------------------------------------------------|
| • <b>Body Material:</b>         | Aluminum alloy die-cast lamp body | • <b>Cut Out:</b>              | □125x125mm                                                                      |
| • <b>Optical System:</b>        | Lens + reflector                  | • <b>Ceiling thickness:</b>    | 1mm~25mm                                                                        |
| • <b>Finish:</b>                | electrostatic powder spraying     | • <b>lamp shielding angle:</b> | 30°                                                                             |
| • <b>Projection Direction:</b>  | /                                 | • <b>LED Type:</b>             | COB (where 8° is HP LED)                                                        |
| • <b>Accessories:</b>           | see the attachment                | • <b>Source Lm:</b>            |                                                                                 |
| • <b>Certification:</b>         | CCC                               |                                | 2700K: 24W 2055lm; 18W 1860lm; 25W 2460lm; 32W 3065lm                           |
| • <b>IP Rating:</b>             | IP20(Light source cavity IP44)    |                                | 3000K: 24W 2160lm; 18W 1975lm; 25W 2610lm; 32W 3255lm                           |
| • <b>Insulation Level:</b>      | Class II                          |                                | 3500K: 24W 2250lm; 18W 2070lm; 25W 2710lm; 32W 3380lm                           |
| • <b>Operating Temperature:</b> | -20°C~40°C                        |                                | 4000K: 24W 2295lm; 18W 2155lm; 25W 2790lm; 32W 3480lm                           |
|                                 |                                   |                                | 5000K: 24W 2325lm; 18W 2220lm; 25W 2870lm; 32W 3580lm                           |
|                                 |                                   | • <b>LED Lifetime:</b>         | >50000h-L70 /B10-Ta25°C(LM-80/TM-21)                                            |
|                                 |                                   | • <b>CCT/CRI:</b>              | 2700K/3000K/3500K/4000K/5000K, CRI≥90                                           |
|                                 |                                   | • <b>Input:</b>                | 220V AC / 50Hz                                                                  |
|                                 |                                   | • <b>Dimming:</b>              | Non-dimming /0-10V/DALI(must be tested with the project site system in advance) |
|                                 |                                   | • <b>Net Weight:</b>           | Approx. 1.1Kg, without packaging                                                |

Order Model

| Model                         | Size    | Trim             | LED          | Driver                         | Beam  | CCT      | Reflector  | Finish   |
|-------------------------------|---------|------------------|--------------|--------------------------------|-------|----------|------------|----------|
| ADLT<br>Downlight<br>T series | 5<br>5" | 5<br>Square Trim | LD24 LED 24W | E On-Off<br>D 0-10V<br>Dimming | S 8°  | 27 2700K | B Black    | WT White |
|                               |         |                  | LM18 COB 18W |                                | 1 15° | 30 3000K | S Specular | BK Black |
|                               |         |                  | LM25 COB 25W |                                | 2 24° | 35 3500K |            |          |
|                               |         |                  | LM32 COB 32W | N No Driver<br>A DALI          | 3 36° | 40 4000K |            |          |
|                               |         |                  | LM32 COB 32W |                                | 5 50° | 50 5000K |            |          |

Example: ADLT55-LM25E230SWT

VOLTA- MODEL: ADLT55

4 " Square Narrow Recessed Angled Downlight

WAC LIGHTING

PROJECT:

TYPE:

Accessories

ALENS-DLT51-BEL  
Striped glass lens

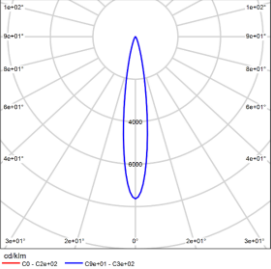
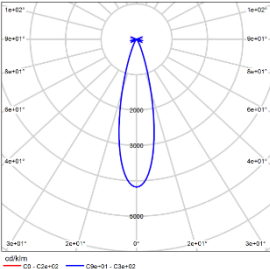
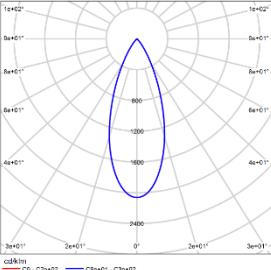
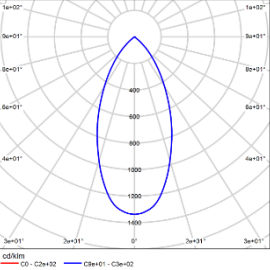
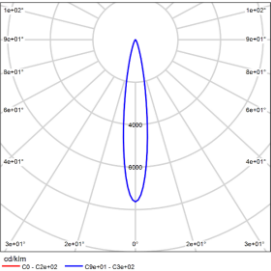
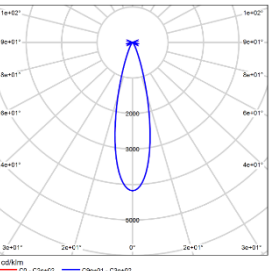
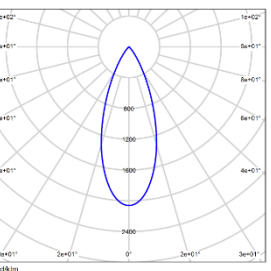
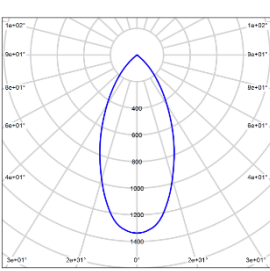


ALENS-DLT51-HCL  
Honeycomb



Note: Up to one optical accessory can be added, the factory is not equipped with accessories, need to order separately

LIGHT DESTRIUTION @3000K DATA

|                                                                                    |                                                                                                                                                                      |                                                                                      |                                                                                                                                                                     |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|   | <div>MODEL: ADLT55-LM18E130SWT</div> <div>BEAM ANGLE: 15°</div> <div>POWER: 21W</div> <div>LUMENS: 1609lm</div> <div>CBCP: 14044cd</div> <div>EFFICACY: 77lm/W</div> |   | <div>MODEL: ADLT55-LM18E230SWT</div> <div>BEAM ANGLE: 24°</div> <div>POWER: 21W</div> <div>LUMENS: 1640lm</div> <div>CBCP: 6742cd</div> <div>EFFICACY: 78lm/W</div> |
|  | <div>MODEL: ADLT55-LM18E330SWT</div> <div>BEAM ANGLE: 36°</div> <div>POWER: 21W</div> <div>LUMENS: 1783lm</div> <div>CBCP: 3738cd</div> <div>EFFICACY: 85lm/W</div>  |  | <div>MODEL: ADLT55-LM18E530SWT</div> <div>BEAM ANGLE: 50°</div> <div>POWER: 21W</div> <div>LUMENS: 1538lm</div> <div>CBCP: 2311cd</div> <div>EFFICACY: 73lm/W</div> |
|  | <div>MODEL: ADLT55-LM25E130SWT</div> <div>BEAM ANGLE: 15°</div> <div>POWER: 28W</div> <div>LUMENS: 2111lm</div> <div>CBCP: 18431cd</div> <div>EFFICACY: 75lm/W</div> |  | <div>MODEL: ADLT55-LM25E230SWT</div> <div>BEAM ANGLE: 24°</div> <div>POWER: 28W</div> <div>LUMENS: 2152lm</div> <div>CBCP: 8848cd</div> <div>EFFICACY: 77lm/W</div> |
|  | <div>MODEL: ADLT55-LM25E330SWT</div> <div>BEAM ANGLE: 36°</div> <div>POWER: 28W</div> <div>LUMENS: 2340lm</div> <div>CBCP: 4905cd</div> <div>EFFICACY: 84lm/W</div>  |  | <div>MODEL: ADLT55-LM25E530SWT</div> <div>BEAM ANGLE: 50°</div> <div>POWER: 28W</div> <div>LUMENS: 2018lm</div> <div>CBCP: 3033cd</div> <div>EFFICACY: 72lm/W</div> |

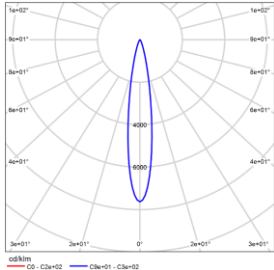
VOLTA- MODEL: ADLT55

4 " Square Narrow Recessed Angled Downlight

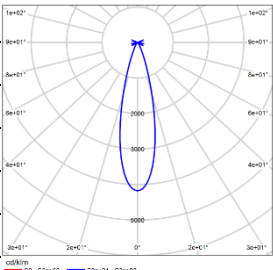
WAC LIGHTING

PROJECT:

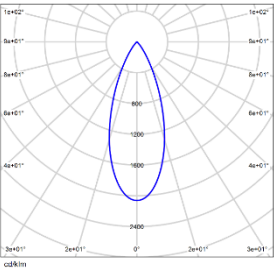
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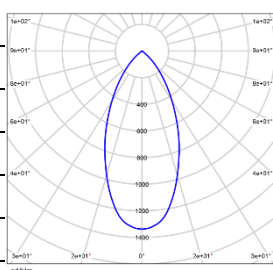
|           |                    |
|-----------|--------------------|
| MODEL:    | ADLT55-LM32E130SWT |
| BEAM      |                    |
| ANGLE:    | 15°                |
| POWER:    | 35W                |
| LUMENS:   | 2630lm             |
| CBCP:     | 22965cd            |
| EFFICACY: | 75lm/W             |



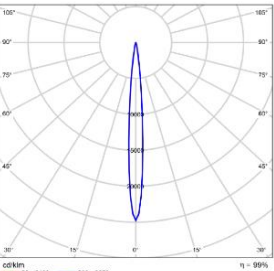
|           |                    |
|-----------|--------------------|
| MODEL:    | ADLT55-LM32E230SWT |
| BEAM      |                    |
| ANGLE:    | 24°                |
| POWER:    | 35W                |
| LUMENS:   | 2682lm             |
| CBCP:     | 11024cd            |
| EFFICACY: | 77lm/W             |



|           |                    |
|-----------|--------------------|
| MODEL:    | ADLT55-LM32E330SWT |
| BEAM      |                    |
| ANGLE:    | 36°                |
| POWER:    | 35W                |
| LUMENS:   | 2916lm             |
| CBCP:     | 6112cd             |
| EFFICACY: | 83lm/W             |



|           |                    |
|-----------|--------------------|
| MODEL:    | ADLT55-LM32E530SWT |
| BEAM      |                    |
| ANGLE:    | 50°                |
| POWER:    | 35W                |
| LUMENS:   | 2514lm             |
| CBCP:     | 3779cd             |
| EFFICACY: | 72lm/W             |



|           |                    |
|-----------|--------------------|
| MODEL:    | ADLT55-LD24ES30SWT |
| BEAM      |                    |
| ANGLE:    | 8°                 |
| POWER:    | 28W                |
| LUMENS:   | 1125lm             |
| CBCP:     | 27840cd            |
| EFFICACY: | 40lm/W             |

VOLTA- MODEL: ADLT65

4 " Square Narrow Recessed Angled Downlight

WAC LIGHTING

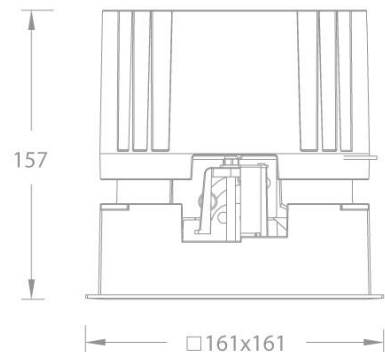
PROJECT:

TYPE:

Product Image



Line Drawing



Product Description

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Product Features

- **Body Material:** Aluminum alloy die-cast lamp body
- **Optical System:** Lens + reflector
- **Finish:** electrostatic powder spraying
- **Projection Direction:** /
- **Accessories:** see the attachment
- **Certification:** CCC
- **IP Rating:** IP20(Light source cavity IP44)
- **Insulation Level:** Class II
- **Operating Temperature:** -20°C~40°C

Product Specification

- **Cut Out:** □150x150mm
- **Ceiling thickness:** 1mm~30mm
- **lamp shielding angle:** 30°
- **LED Type:** COB(Where 8° is HP LED)
- **Source Lm:**  
2700K: 32W 2740lm; 32W 3610lm; 43W 4250lm  
3000K: 32W 2880lm; 32W 3830lm; 43W 4300lm  
3500K: 32W 3000lm; 32W 4020lm; 43W 4400lm  
4000K: 32W 3060lm; 32W 4180lm; 43W 4400lm  
5000K: 32W 3100lm; 32W 4310lm; 43W 5000lm
- **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 tested with the project site system in advance)
- **Net Weight:** Approx. 1.1Kg, without packaging

Order Model

| Model                         | Size    | Trim             | LED          | Driver                         | Beam           | CCT                  | Reflector  | Finish   |
|-------------------------------|---------|------------------|--------------|--------------------------------|----------------|----------------------|------------|----------|
| ADLT<br>Downlight<br>T series | 6<br>6" | 5<br>Square Trim | LD32 LED 32W | E On-Off<br>D 0-10V<br>Dimming | S 8°           | 27 2700K             | B Black    | WT White |
|                               |         |                  | LM32 COB 32W |                                | 1 15°          | 30 3000K             | S Specular | BK Black |
|                               |         |                  | LM43 COB 43W |                                | 2 24°          | 35 3500K             |            |          |
|                               |         |                  | LM43 COB 43W | N No Driver<br>A DALI          | 3 36°<br>5 50° | 40 4000K<br>50 5000K |            |          |

Example: ADLT65-LM43E230SWT

VOLTA- MODEL: ADLT65

WAC LIGHTING

4 " Square Narrow Recessed Angled Downlight

PROJECT:

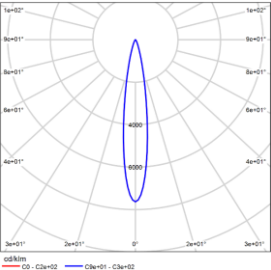
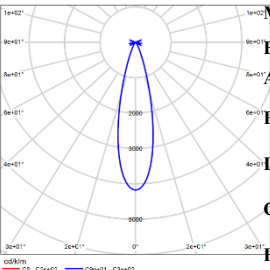
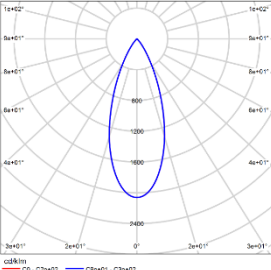
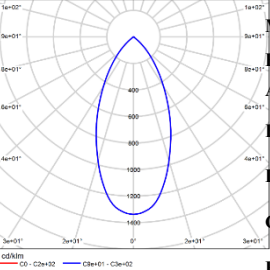
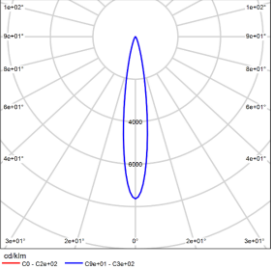
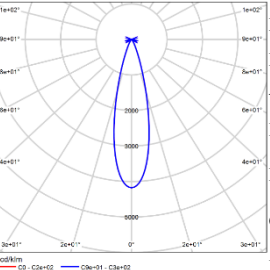
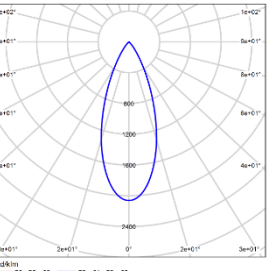
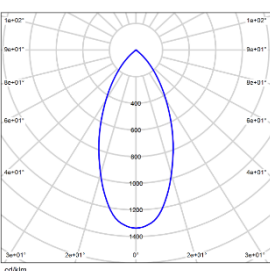
TYPE:

Accessories

|                                              |                                                                                   |                                     |                                                                                   |
|----------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------|-----------------------------------------------------------------------------------|
| <b>ALENS-DLT61-BEL</b><br>Striped glass lens |  | <b>ALENS-DLT61-HCL</b><br>Honeycomb |  |
|----------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------|-----------------------------------------------------------------------------------|

Note: Up to one optical accessory can be added, the factory is not equipped with accessories, need to order separately

LIGHT DESTRIUTION @3000K DATA

|                                                                                    |                                                                                                                                                                      |                                                                                      |                                                                                                                                                                      |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|   | <div>MODEL: ADLT65-LM32E130SWT</div> <div>BEAM ANGLE: 15°</div> <div>POWER: 35W</div> <div>LUMENS: 2393lm</div> <div>CBCP: 23635cd</div> <div>EFFICACY: 68lm/W</div> |   | <div>MODEL: ADLT65-LM32E230SWT</div> <div>BEAM ANGLE: 24°</div> <div>POWER: 35W</div> <div>LUMENS: 3015lm</div> <div>CBCP: 13170cd</div> <div>EFFICACY: 86lm/W</div> |
|  | <div>MODEL: ADLT65-LM32E-330SWT</div> <div>BEAM ANGLE: 36°</div> <div>POWER: 35W</div> <div>LUMENS: 3001lm</div> <div>CBCP: 6651cd</div> <div>EFFICACY: 86lm/W</div> |  | <div>MODEL: ADLT65-LM32E530SWT</div> <div>BEAM ANGLE: 50°</div> <div>POWER: 35W</div> <div>LUMENS: 2830lm</div> <div>CBCP: 3762cd</div> <div>EFFICACY: 81lm/W</div>  |
|  | <div>MODEL: ADLT65-LM43E130SWT</div> <div>BEAM ANGLE: 15°</div> <div>POWER: 47W</div> <div>LUMENS: 3108lm</div> <div>CBCP: 30695cd</div> <div>EFFICACY: 66lm/W</div> |  | <div>MODEL: ADLT65-LM43E230SWT</div> <div>BEAM ANGLE: 24°</div> <div>POWER: 47W</div> <div>LUMENS: 3916lm</div> <div>CBCP: 17104cd</div> <div>EFFICACY: 83lm/W</div> |
|  | <div>MODEL: ADLT65-LM43E330SWT</div> <div>BEAM ANGLE: 36°</div> <div>POWER: 47W</div> <div>LUMENS: 3897lm</div> <div>CBCP: 8638cd</div> <div>EFFICACY: 83lm/W</div>  |  | <div>MODEL: ADLT65-LM43E530SWT</div> <div>BEAM ANGLE: 50°</div> <div>POWER: 47W</div> <div>LUMENS: 3675lm</div> <div>CBCP: 4885cd</div> <div>EFFICACY: 78lm/W</div>  |

**VOLTA- MODEL: ADLT65**

# WAC LIGHTING

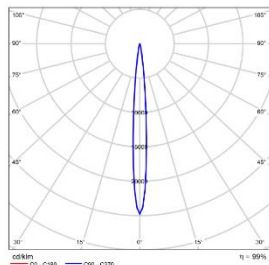
## 4 " Square Narrow Recessed Angled Downlight

**PROJECT:**

\_\_\_\_\_

**TYPE:**

1



**MODEL:**

ADLT65-LD32ES30SWT

**BEAM**

8°

**ANGLE:**

35W

**POWER:**

1500lm

**LUMENS:**

37120cd

**CBCP:**

43lm/W

**EFFICACY:**

43lm/W