

# ANDES LED ADJUSTABLE DOWNLIGHT

TUNABLE WHITE 2700K-6500K | IP54

DLD/ANDE

**DLD**  
ARCHITECTURAL



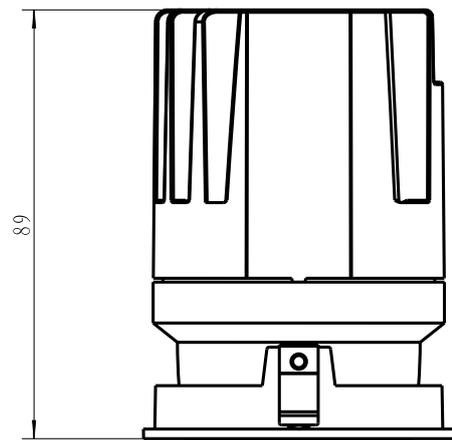
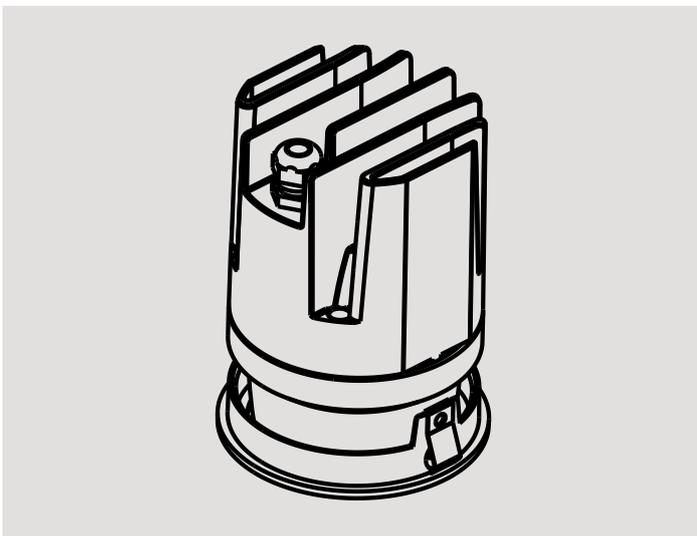
## DETAILS

|              |                |
|--------------|----------------|
| Type         | Adjustable 24° |
| IP Rating    | IP54           |
| IP Zone      | Zone 2         |
| Class        | I              |
| Standards    | CE             |
| Fire Rated   | 60+ minutes    |
| Material     | Aluminium      |
| Cable        | 4 Core         |
| Cable Length | 400mm          |
| Warranty     | 5 Years        |

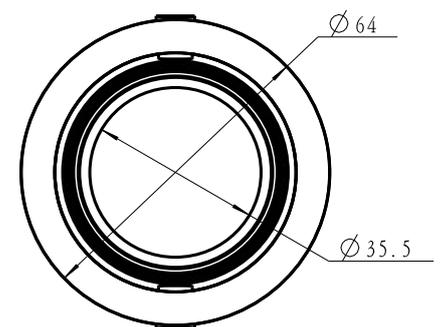
## KEY POINTS

- Tunable white - switch from any light temperature between warm white 2700K to cool white 6500K
- True Colour CRI 98, amazingly high level of colour rendering
- R9 97, reds are redder than ever
- Full light engine access for maintenance

## LED LIGHT ENGINE



|                          |         |
|--------------------------|---------|
| Diameter:                | Ø64mm   |
| Height:                  | 89mm    |
| Aperture:                | Ø35.5mm |
| Total Height with frame: | 105mm   |



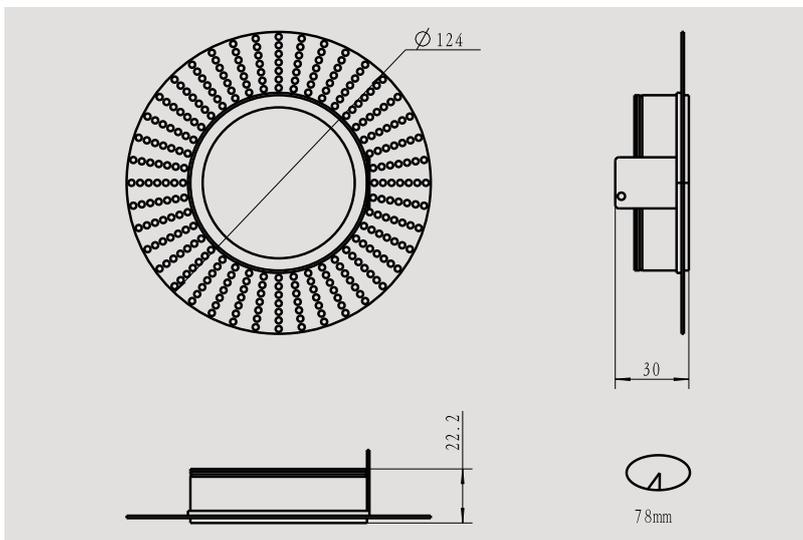
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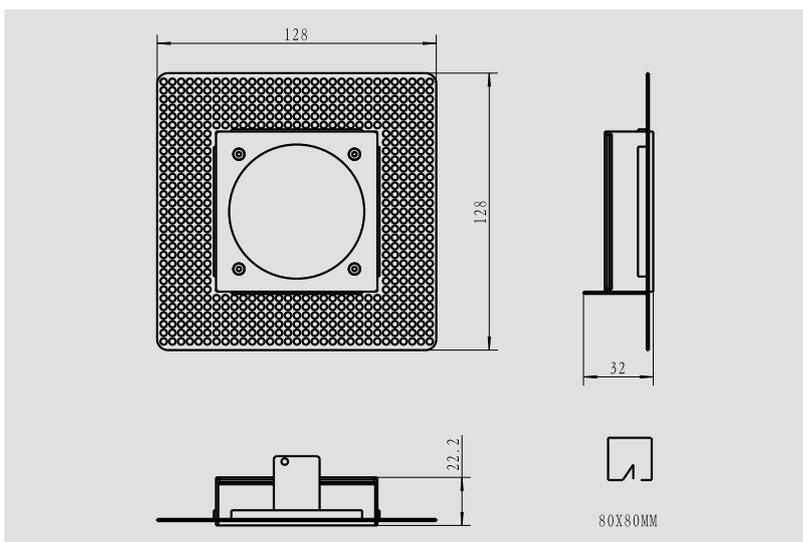
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## TRIMLESS PLASTER-IN FRAMES



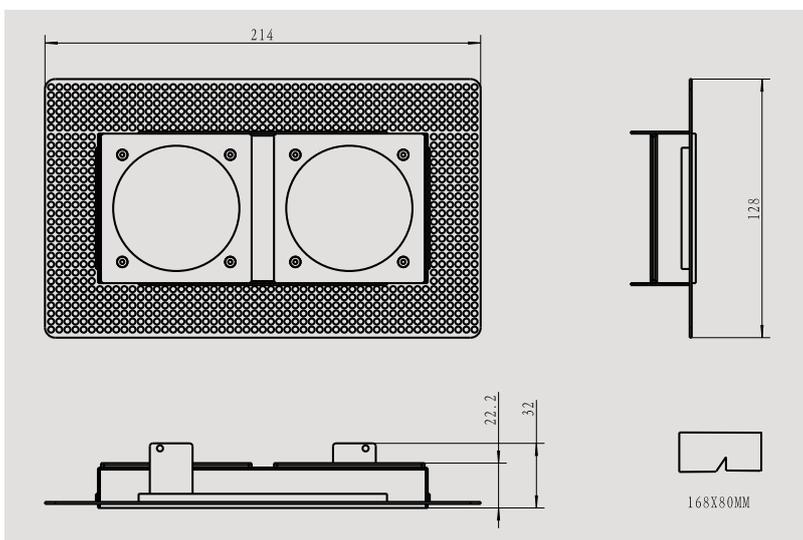
### ANDES 1-R TRIMLESS

**Fitted Dims:** Ø70mm  
**Light Engine:** Ø64mm, H.89mm  
**Aperture:** Ø35.5mm  
**Plaster Kit:** Ø124mm H.30mm  
**Total Height:** 105mm  
**Cutout:** Ø78mm



### ANDES 1-S TRIMLESS

**Fitted Dims:** 72 x 72mm  
**Light Engine:** Ø64mm, H.89mm  
**Aperture:** Ø35.5mm  
**Plaster Kit:** 128 x 128mm H.32mm  
**Total Height:** 105mm  
**Cutout:** 80 x 80mm



### ANDES 2 TRIMLESS TWIN

**Fitted Dims:** 164 x 76mm  
**Light Engine:** Ø64mm, H.89mm  
**Aperture:** Ø35.5mm  
**Plaster Kit:** 214 x 128mm H.32mm  
**Total Height:** 105mm  
**Cutout:** 168 x 80mm



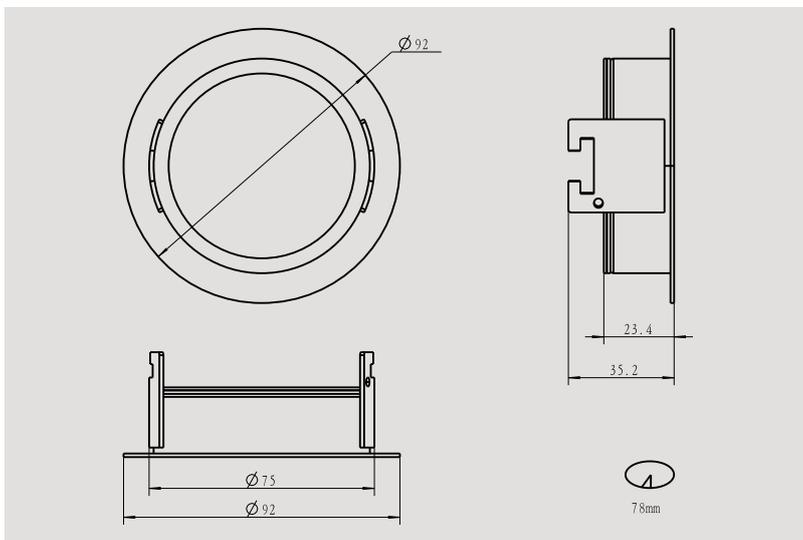
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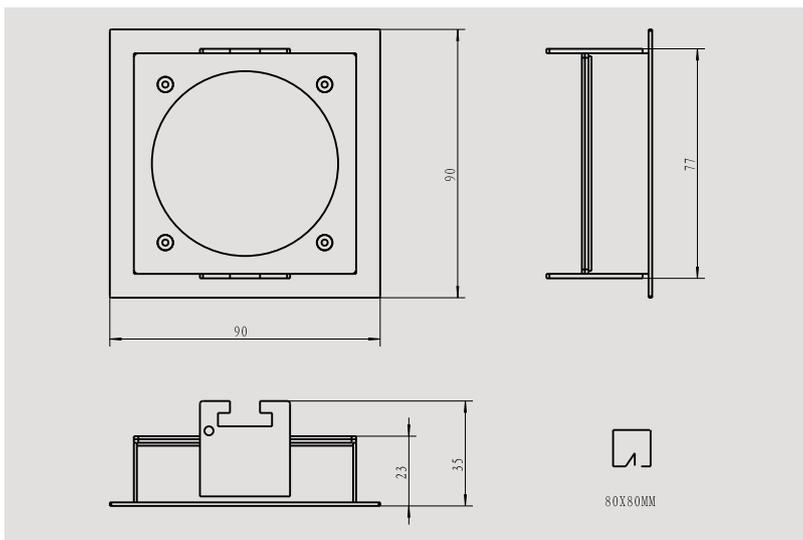
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## RECESSED FRAMES WITH TRIM



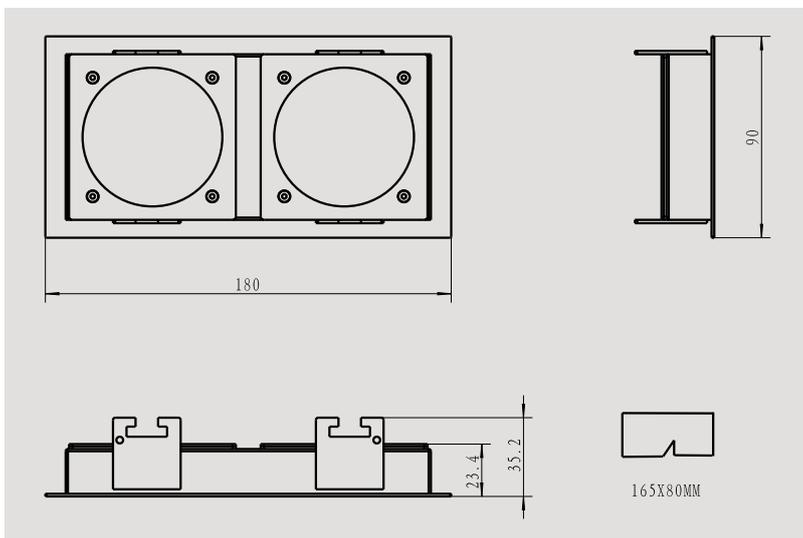
### ANDES 1-R RECESSED

**Frame Dims:** Ø92mm H.35mm  
**Light Engine:** Ø64mm, H.89mm  
**Aperture:** Ø35.5mm  
**Total Height:** 105mm  
**Cutout:** Ø78mm



### ANDES 1-S RECESSED

**Frame Dims:** 90 x 90mm H.35mm  
**Light Engine:** Ø64mm, H.89mm  
**Aperture:** Ø35.5mm  
**Total Height:** 105mm  
**Cutout:** 80 x 80mm



### ANDES 2 RECESSED TWIN

**Frame Dims:** 180 x 90mm H.35mm  
**Light Engine:** Ø64mm, H.89mm  
**Aperture:** Ø35.5mm  
**Total Height:** 105mm  
**Cutout:** 165 x 80mm



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## PRODUCT CODE CONSTRUCTION

| MODEL           | FRAME & VERSION  | LIGHT TEMP. CCT                               | FINISH                           | BEAM ANGLE                       | DRIVER  |
|-----------------|--|---|----------------------------------|----------------------------------|---|
| <b>DLD/ANDE</b> | <b>1-R-P-A</b>   | <b>27K-65KTW</b>                              | <b>W</b>                         | <b>36D</b>                       | <b>DTW</b>  |
|                 | <b>1-R</b> Round <b>P</b> Plaster-In <b>A</b> Adj.<br><b>1-S</b> Square <b>R</b> Recessed<br><b>2</b> Twin | <b>27K-65KTW</b> 2700K to 6500K tunable white | <b>W</b> White<br><b>B</b> Black | <b>15D</b> 15°<br><b>36D</b> 36° | <b>-</b> No driver<br><b>DTW</b> DALI tunable white |

## SPECIFICATION

|                                   | 2700K  |            |            | 6500K      |            |            |
|-----------------------------------|--|------------|------------|------------|------------|------------|
| <b>BEAM ANGLE</b>                 | <b>15°</b>   | <b>24°</b> | <b>36°</b> | <b>15°</b> | <b>24°</b> | <b>36°</b> |
| Delivered lumens (Tc 85°C, +/-7%) | *  | *          | 750 lm     | *          | *          | 900 lm     |
| Efficacy Lm/W                     | *  | *          | *          | *          | *          | *          |
|                                   | * Available On Request                                     |            |            |            |            |            |
|                                   | * Available On Request                                     |            |            |            |            |            |
| Binning SDCM (Hot)                | 2  |            |            |            |            |            |
| CRI                               | 98   |            |            |            |            |            |
| R9                                | 97   |            |            |            |            |            |
| TM30 Rf Rg                        | Rf 96 Rg 99  |            |            |            |            |            |
| LED Type                          | Bridgelux Vesta® Series Tunable White Generation 2 COB LED |            |            |            |            |            |
| LED Lifetime (Ave.)               | 50,000 hrs   |            |            |            |            |            |
| <b>POWER</b>                      |  |            |            |            |            |            |
| Wattage                           | 14.5W  |            |            |            |            |            |
| Voltage                           | 220-240V   |            |            |            |            |            |
| Current                           | 350mA  |            |            |            |            |            |
| <b>DRIVER</b>                     |  |            |            |            |            |            |
| Supported Protocols               | DALI   Casambi   |            |            |            |            |            |
| Dim to Dark                       | 0.1% Lux   |            |            |            |            |            |
| Distance from Luminaire           | 20m maximum  |            |            |            |            |            |
| Wiring                            | Series   |            |            |            |            |            |
| Emergency                         | Emergency packs available                                  |            |            |            |            |            |

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