

# IR Quattro HD 24m DALI-2 APC - concealed

**neva**  
**lux**

PRESENCE DETECTOR

EAN 4007841002756

70 x 120 x 120 mm



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## PRESENCE DETECTOR

## Technical Data

## IDENTIFICATION

|                         |                                             |
|-------------------------|---------------------------------------------|
| PU1 EAN                 | 4007841002756                               |
| Material number         | 110011556                                   |
| SAP designation         | PRAESENZMELDER IR<br>QUATTRO HD DALI        |
| Version                 | Presence detector                           |
| Product name data sheet | IR Quattro HD 24m DALI-2<br>APC - concealed |
| Product category        | Presence detector                           |
| Discount group          | P                                           |
| Source                  | Steinel Excel                               |
| Product status          | Normal                                      |
| Manufacturer            | Steinel                                     |

## DIMENSIONS

|                      |                   |
|----------------------|-------------------|
| Dimensions L x W x H | 70 x 120 x 120 mm |
| PU1 net weight       | 0.164             |

## ELECTRICAL

|                        |                                    |
|------------------------|------------------------------------|
| Mains connection       | 230 V / 50 – 60 Hz                 |
| Control output DALI    | Broadcast 2x12 electronic ballasts |
| Maximum inrush current | 800 A                              |

## SENSOR TECHNOLOGY

|                            |                  |
|----------------------------|------------------|
| Max. mounting height       | 10,00 m          |
| Sensor technology          | passive infrared |
| Detection angle            | 360 °            |
| Opening angle              | 160 °            |
| Sneak-under protection     | Yes              |
| Segment-by-segment masking | No               |
| Electronic scalability     | No               |
| Mechanical scalability     | Yes              |

|                           |                      |
|---------------------------|----------------------|
| Radial range              | 8 x 8 m (64 m²)      |
| Tangential range          | 20 x 20 m (400 m²)   |
| Detection planes          | 13                   |
| Switching zones           | 4800 switching zones |
| Mounting height           | 2,50 – 10,00 m       |
| Presence range            | 8 x 8 m (64 m²)      |
| Optimal mounting height   | 2,8 m                |
| Nevalux sensor technology | DALI 2               |

## CONNECTIVITY

|                    |              |
|--------------------|--------------|
| Networking         | Yes          |
| Type of networking | Master/slave |
| Networking via     | Cable        |

## LIGHTING TECHNOLOGY

|                           |            |
|---------------------------|------------|
| Soft light start          | Yes        |
| Continuous light          | selectable |
| Constant light regulation | Yes        |

## SETTINGS

|                          |                     |
|--------------------------|---------------------|
| Twilight switch          | Yes                 |
| Twilight setting         | 10 – 1000 lx        |
| Time setting             | 30 s – 30 Min.      |
| Base light function      | Yes                 |
| Base light function time | 1-60 min, all night |
| Main light adjustable    | 50 - 100 %          |

|              |                                                                                                                                      |
|--------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Functions    | Normal / test mode<br>Semi-/fully automatic<br>Pushbutton / switch mode<br>Manual ON / ON-OFF<br>Constant-lighting control<br>ON-OFF |
| Settings via | Remote control DIP switches<br>Potentiometers Smart<br>Remote                                                                        |

|                                  |           |
|----------------------------------|-----------|
| With remote control              | No        |
| Twilight setting teach           | Yes       |
| Base light function in percent   | 10 – 50 % |
| Base light function percent from | 10        |
| Base light function percent to   | 50        |

## HOUSING &amp; MATERIAL

|                       |                                                                                                                                                                                                                                   |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Protection class (IP) | IP20                                                                                                                                                                                                                              |
| Ambient temperature   | from -25 up to 55 °C                                                                                                                                                                                                              |
| Mounting location     | ceiling                                                                                                                                                                                                                           |
| Application location  | Indoors                                                                                                                                                                                                                           |
| Mounting type         | Concealed wiring                                                                                                                                                                                                                  |
| Material              | Plastic                                                                                                                                                                                                                           |
| Application room      | classroom lecture hall open-plan office high-bay warehouse production facilities conference room / meeting room duty room recreation room changing room sports hall reception / lobby multi-storey / underground car park Indoors |
| Colour                | white                                                                                                                                                                                                                             |
| RAL colour            | 9010                                                                                                                                                                                                                              |

## SCOPE OF DELIVERY & WARRANTY

|                              |         |
|------------------------------|---------|
| Manufacturer warranty        | 5 years |
| Corner wall bracket included | No      |

CERTIFICATES & EPREL

Certificates DALI-2

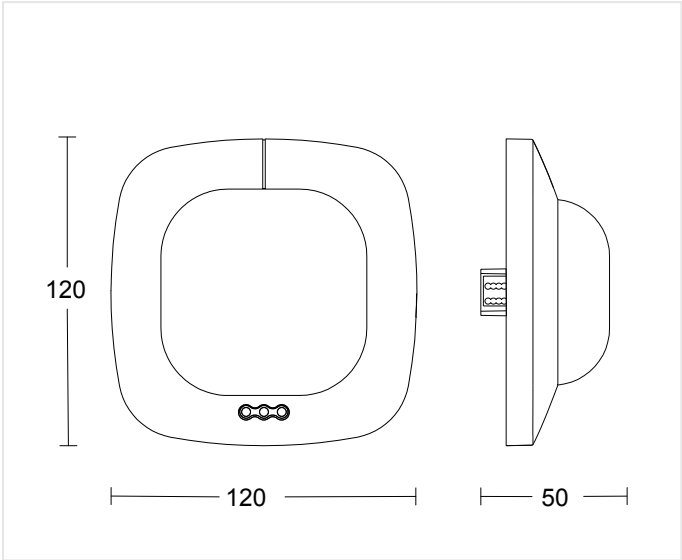
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Illustrations

TECHNICAL DRAWINGS



70 x 120 x 120 mm

MOUNTING HEIGHT

|                           |                  |                |
|---------------------------|------------------|----------------|
| 2,50 – 10,00 m<br>BEREICH | 2,8 m<br>OPTIMAL | 10,00 m<br>MAX |
|---------------------------|------------------|----------------|

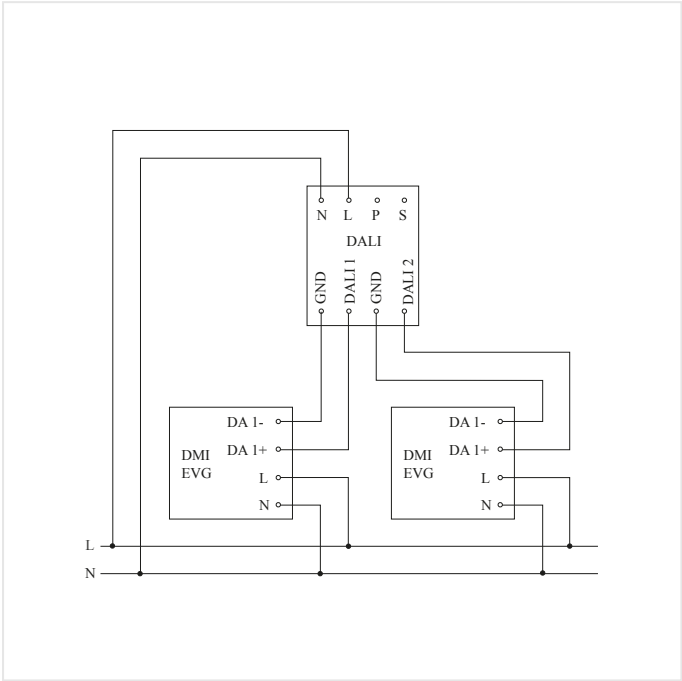
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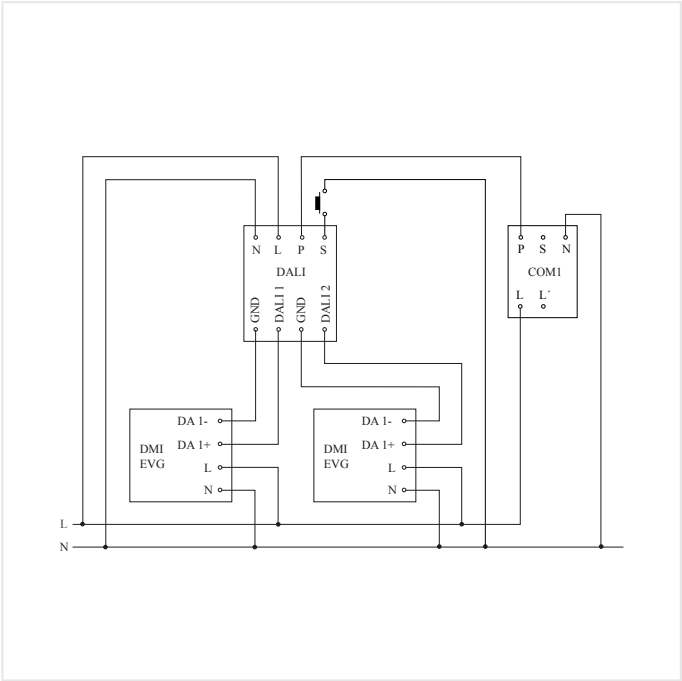
Wiring Diagrams

WIRING DIAGRAM 1



Master circuit diagram

WIRING DIAGRAM 2



Master/master interconnection circuit diagram

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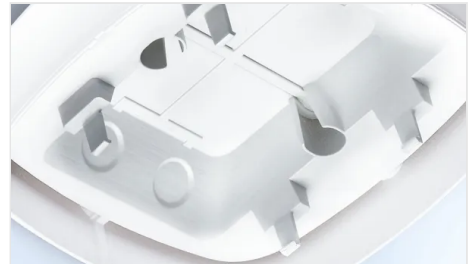
## Highlights



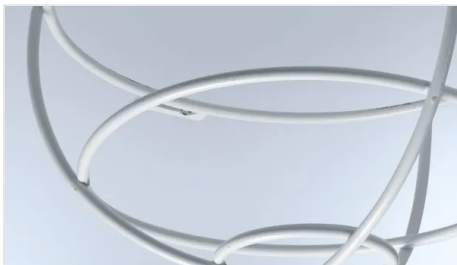
4 pyros with DSP (Digital Signal Processing)



Optional remote controls



Optional surface-mounting adapter



Optional guard cage

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Accessories

| ARTICLE NUMBER                                                                                   | DESCRIPTION                            | CATEGORY  |
|--------------------------------------------------------------------------------------------------|----------------------------------------|-----------|
|  4007841592806   | Nutzer Fernbedienung RC5               | Accessory |
|  4007841003036   | Control PRO Schutzkorb                 | Accessory |
|  4007841000363   | Aufputz-Adapter Control Pro IP54 weiss | Accessory |
|  4007841009151  | Smart Remote                           | Accessory |
|  4007841559410 | Service Fernbedienung RC8              | Accessory |

ORDERING INFORMATION

Art.-Nr.

002756

EAN

4007841002756

Typ

IR Quattro HD 24m DALI-2 APC - concealed

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