# ERCO

# Parscan InTrack Lens wallwasher

**with Intrack adapter**





301
Ø92
154
91



LED



CE · 15 · ◇ · □ · UKCA



**A1003819** White (RAL9002)
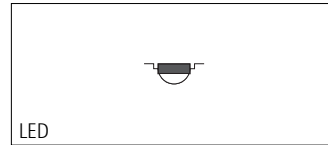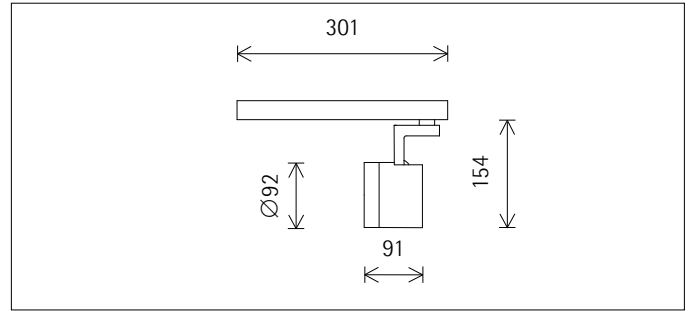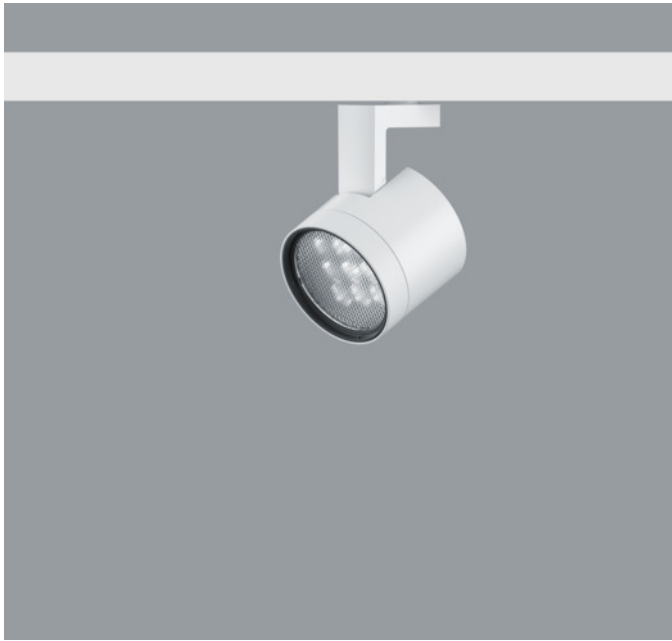LED module: 18.2W 2111lm 3500K
neutral white
Casambi Bluetooth
Version 1
Size M
Spherolit lens, wallwash

## Product description

Housing: cast aluminium, powder-coated; can be swivelled through 90° on the bracket. Upper cover made of polymer.
Bracket: cast aluminium/polymer, coated; can be rotated through 360° on the adapter.
Intrack adapter for ERCO 220-240V track: polymer, white.
ERCO control gear.
Add-on control unit: Casambi Bluetooth.
Lens unit: polymer, white, rotatable through 360°. Spherolit lens made of optical polymer.
LED module: high-power LEDs. Collimating lens made of optical polymer.
Control via Casambi app (Android/iOS) with Bluetooth Low Energy (BLE)-capable mobile devices or "Casambi Ready" products.
Protection Class II
Weight 0.60kg

## Mean illuminance E$_n$ (wall)

| | | | | |
|---|---|---|---|---|
| Angle of tilt 35° | | | | |
| Wall height (m) | 4 | | | |
| Offset from wall (m) | 1.00 | 1.00 | 1.25 | 1.25 |
| Luminaire spacing (m) | 1.25 | 1.50 | 1.50 | 1.75 |
| Illuminance E$_n$ (lx) | **283** | **236** | **206** | **177** |

## Technical data

| | |
|---|---|
| Luminous flux of the luminaire | 1504lm |
| Connected load | 20.1W |
| Luminaire efficacy | 75lm/W |
| Colour deviation | 1.5 SDCM |
| Colour rendition index | CRI 92 |
| Lumen maintenance (LED manufacturer specifications) | L90/B10 ≤50000h L90 ≤100000h |
| LED failure rate | 0.1% ≤50000h |
| Dimming range | 0.1%-100% |
| Dimming method | CCR |
| LMF | E |
| Standby power per control gear | 0.4W |
| Luminaires per circuit breaker B16 | 163 |
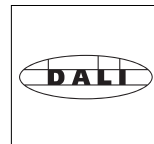


**DALI controllable via accessory**
DALI Casambi Gateway for controlling Casambi Bluetooth via DALI.



**Mounting**
ERCO 3-circuit track
Hi-trac 3-circuit track

Technical Region: 220-240V 50/60Hz
We reserve the right to make technical and design changes.
Edition: 28.01.2023
Current version under
www.erco.com/A1003819

# Parscan InTrack Lens wallwasher

**Planning data**

**Illuminance E$_n$ (lx)**
Specifications:
Number of luminaires n > 5
Wall height (m) 4.0
Angle of tilt 35°

| Offset from wall (m) | 1.00 | | 1.00 | | 1.25 | | 1.25 | |
|---|---|---|---|---|---|---|---|---|
| Luminaire spacing (m) | 1.25 | | 1.50 | | 1.50 | | 1.75 | |
| | below the luminaire | between the luminaires | below the luminaire | between the luminaires | below the luminaire | between the luminaires | below the luminaire | between the luminaires |
| 0.500 | 205 | 233 | 188 | 169 | 121 | 140 | 112 | 109 |
| 0.750 | 295 | 314 | 261 | 248 | 171 | 195 | 154 | 161 |
| 1.000 | 347 | 351 | 300 | 279 | 216 | 220 | 189 | 185 |
| 1.250 | 352 | 367 | 302 | 294 | 234 | 239 | 203 | 199 |
| 1.500 | 344 | 363 | 292 | 297 | 234 | 245 | 204 | 206 |
| 1.750 | 334 | 348 | 281 | 288 | 230 | 243 | 199 | 207 |
| 2.000 | 322 | 329 | 269 | 273 | 226 | 236 | 194 | 203 |
| 2.250 | 301 | 305 | 252 | 252 | 221 | 227 | 188 | 195 |
| 2.500 | 272 | 276 | 229 | 228 | 213 | 216 | 182 | 186 |
| 2.750 | 238 | 243 | 201 | 201 | 201 | 203 | 172 | 174 |
| 3.000 | 203 | 208 | 172 | 173 | 185 | 188 | 160 | 161 |
| 3.250 | 170 | 174 | 144 | 145 | 168 | 171 | 145 | 146 |
| 3.500 | 141 | 143 | 119 | 120 | 149 | 153 | 129 | 131 |

**Melanopic light effect**

| Art. no. | Spectrum | MR | MDER |
|---|---|---|---|
| A1003819 (direct) | 3500K CRI 92 | 0.63 | 0.57 |

MR     Melanopic ratio according to DIN SPEC 5031-100-100:2015-08: "amel;v"
MDER    Melanopic daylight equivalent ratio according to DIN SPEC 5031-100-100:2015-08: "amel;D65;v"

Multiplying the melanopic ratio MR with the illuminance gives the equivalent melanopic illuminance EML (equivalent melanopic lux). The equivalent illuminance with daylight (D65) is obtained by multiplying the illuminance by the melanopic daylight equivalent ratio MDER.

| Cleaning (a) | 1 | | | | 2 | | | | 3 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ambient conditions | P | C | N | D | P | C | N | D | P | C | N | D |
| LMF | 0.96 | 0.94 | 0.90 | 0.86 | 0.93 | 0.91 | 0.86 | 0.81 | 0.92 | 0.90 | 0.84 | 0.79 |
| RSMF | 0.99 | 0.97 | 0.95 | 0.92 | 0.98 | 0.97 | 0.95 | 0.92 | 0.98 | 0.97 | 0.95 | 0.92 |

| Hours of operation (h) | 1000 | 5000 | 10000 | 20000 | 30000 | 40000 | 50000 |
|---|---|---|---|---|---|---|---|
| LLMF | 1.00 | 0.99 | 0.98 | 0.96 | 0.94 | 0.92 | 0.90 |
| LSF | 1 | 1 | 1 | 1 | 1 | 1 | 1 |

MF      LMFxRSMFxLLMFxLSF
MF      Maintenance Factor
LMF     Luminaire Maintenance Factor
RSMF    Room Surface Maintenance Factor
LLMF    Lamp Lumens Maintenance Factor
LSF     Lamp Survival Factor
P       Room pure
C       Room clean
N       Room normal
D       Room dirty

**Data according to regulations**
2019/2020/EU supplemented by 2021/341/EU and 2019/2015/EU supplemented by 2021/340/EU Energy Consumption Labelling Ordinance

This product contains a light source of efficiency class E
Due to thermal and photometric properties as well as to protect electronic components from ESD (electrostatic discharge) the light source cannot be changed by the customer.

ID EPREL: 697078
Model identifier: 3000059329
Download data sheets for control gear and disassembly instructions at
www.erco.com/slr

**Technical data in accordance with international norms and standards**

| | |
|---|---|
| IEC 60598 | Luminaires – Part 1+2: general requirements, specific requirements and tests |
| IEC 62031 | LED modules for general lighting – safety requirements |
| IEC 62471 | Photobiological safety of lamps and lamp systems |
| EN13032-4 | Light and lighting – measurement and representation of photometric data |
| CIE 13 | Method of measuring and specifying colour rendering properties of light sources |

All technical data is subject to industry-standard tolerances.
Also see www.erco.com/erco-led

For explanations of the symbols and abbreviations used and other general information, see www.erco.com/symbols

# ERCO

## Accessories
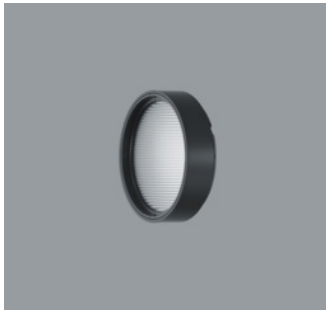
**AC002074**
Lens unit spot
Polymer, black lacquered, rotatable through 360°. Replacement without tools.
Spherolit lens made of optical polymer.

**AC002075**
Lens unit extra wide flood
Polymer, black lacquered, rotatable through 360°. Replacement without tools.
Spherolit lens made of optical polymer.

**AC002109**
Lens unit spot
Polymer, white, rotatable through 360°. Replacement without tools.
Spherolit lens made of optical polymer.

**AC002110**
Lens unit extra wide flood
Polymer, white, rotatable through 360°. Replacement without tools.
Spherolit lens made of optical polymer.

**AC002072**
Lens unit flood
Polymer, black lacquered, rotatable through 360°. Replacement without tools.
Spherolit lens made of optical polymer.

**AC002073**
Lens unit oval flood
Polymer, black lacquered, rotatable through 360°. Replacement without tools.
Spherolit lens made of optical polymer.

**AC002106**
Lens unit flood
Polymer, white, rotatable through 360°. Replacement without tools.
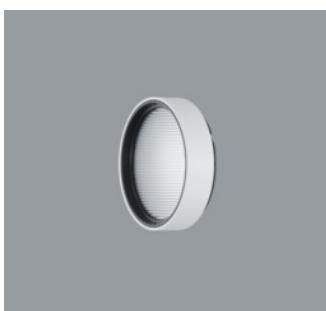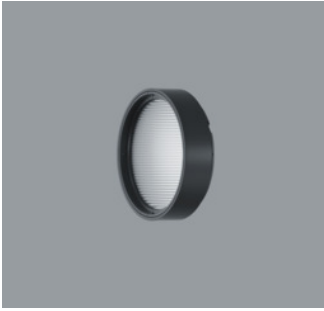Spherolit lens made of optical polymer.

**AC002108**
Lens unit oval flood
Polymer, white, rotatable through 360°. Replacement without tools.
Spherolit lens made of optical polymer.

**AC002071**
Lens unit wide flood
Polymer, black lacquered, rotatable through 360°. Replacement without tools.
Spherolit lens made of optical polymer.

**AC002079**
Lens unit oval wide flood
Polymer, black lacquered, rotatable through 360°. Replacement without tools.
Spherolit lens made of optical polymer.

**AC002105**
Lens unit wide flood
Polymer, white, rotatable through 360°. Replacement without tools.
Spherolit lens made of optical polymer.

**AC002114**
Lens unit oval wide flood
Polymer, white, rotatable through 360°. Replacement without tools.
Spherolit lens made of optical polymer.

# ERCO

# Parscan InTrack Lens wallwasher

## Accessories

**AC002077**
Lens unit wallwash
Polymer, black lacquered, rotatable through 360°. Replacement without tools.
Spherolit lens made of optical polymer.

**AC002112**
Lens unit wallwash
Polymer, white, rotatable through 360°. Replacement without tools.
Spherolit lens made of optical polymer.

**AC002119**
Lens unit zoom spot
Polymer, black lacquered, rotatable through 360°. Replacement without tools.
Anti-reflective zoom lens made of optical polymer, infinitely variable focus.

**AC002130**
Lens unit zoom spot
Polymer, white, rotatable through 360°. Replacement without tools.
Anti-reflective zoom lens made of optical polymer, infinitely variable focus.

**AC002121**
Lens unit zoom oval
Polymer, black lacquered, rotatable through 360°. Replacement without tools.
Anti-reflective zoom lens made of optical polymer, infinitely variable focus.

**AC002132**
Lens unit zoom oval
Polymer, white, rotatable through 360°. Replacement without tools.
Anti-reflective zoom lens made of optical polymer, infinitely variable focus.

**AC002257**
Lens unit narrow framing
Aluminium/polymer, coated white, pivotable through 360°. Replacement without tools.
Projection lens, continuously focusable. Ideal for long projection distances.
Framing attachment: stainless steel, black.
Aperture.

**AC002262**
Lens unit narrow framing
Aluminium/polymer, coated black, pivotable through 360°. Replacement without tools.
Projection lens, continuously focusable. Ideal for long projection distances.
Framing attachment: stainless steel, black.
Aperture.

**AC002260**
Lens unit wide framing
Aluminium/polymer, coated white, pivotable through 360°. Replacement without tools.
2 projection lenses, continuously focusable. Ideal for short projection distances.
Framing attachment: stainless steel, black.
Aperture.

**AC002265**
Lens unit wide framing
Aluminium/polymer, coated black, pivotable through 360°. Replacement without tools.
2 projection lenses, continuously focusable. Ideal for short projection distances.
Framing attachment: stainless steel, black.
Aperture.

**AC006001**
Softening lens
Filter holder: polymer, black, rotatable through 360°. Replacement without tools.

**AC006026**
Sculpture lens
Filter holder: polymer, black, rotatable through 360°. Replacement without tools.

# ERCO

# Parscan InTrack Lens wallwasher
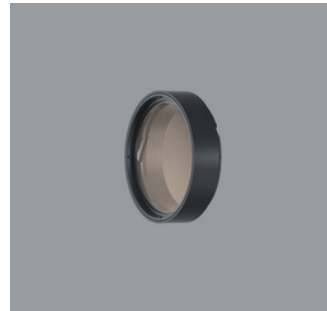
## Accessories

**AC006032**
Cold Filter
Filter holder: polymer, black, rotatable through 360°. Replacement without tools.

**AC006033**
Marbled Meat Filter
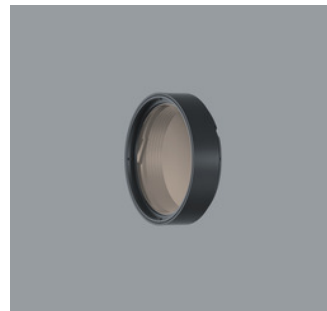Filter holder: polymer, black, rotatable through 360°. Replacement without tools.

**AC006030**
Cold Filter Plus
Filter holder: polymer, black, rotatable through 360°. Replacement without tools.

**AC006031**
Bread and Pastry Filter
Filter holder: polymer, black, rotatable through 360°. Replacement without tools.

**AC006028**
Warm Filter
Filter holder: polymer, black, rotatable through 360°. Replacement without tools.

**AC006023**
Blue Light Filter
Filter holder: polymer, black, rotatable through 360°. Replacement without tools.

**AC006012**
Warm Filter Plus
Filter holder: polymer, black, rotatable through 360°. Replacement without tools.

**AC001005**
Snoot
Polymer, black.

**AC006029**
Skintone Filter
Filter holder: polymer, black, rotatable through 360°. Replacement without tools.

**AC001008**
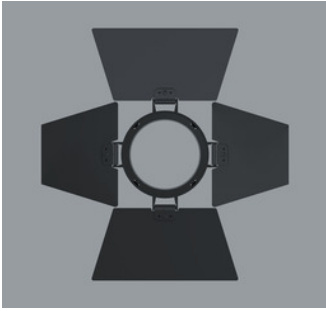Snoot
Polymer, black, coated white on outside.

**AC006011**
Fish Filter
Filter holder: polymer, black, rotatable through 360°. Replacement without tools.
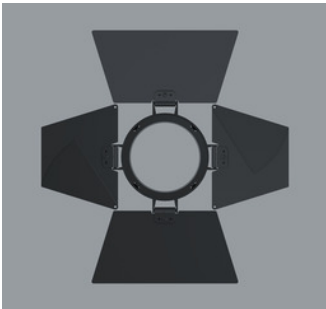
**AC004025**
Honeycomb anti-glare screen
Black

# ERCO

# Parscan InTrack Lens wallwasher
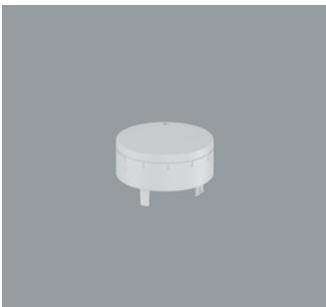
## Accessories

**AC005001**
Barn doors 4-fold
Aluminium, coated black.

**AC005003**
Barn doors 8-fold
Aluminium, coated black.

**AC003002**
Add-on Control Unit On-board Dim
Polymer, black. Replacement without tools.
Rotary control for brightness regulation.

**AC003006**
Add-on Control Unit On-board Dim
Polymer, white. Replacement without tools.
Rotary control for brightness regulation.

**AC003004**
Add-on Control Unit Zigbee
Polymer, black. Replacement without tools.
Control via a Zigbee 3.0 compliant hub.
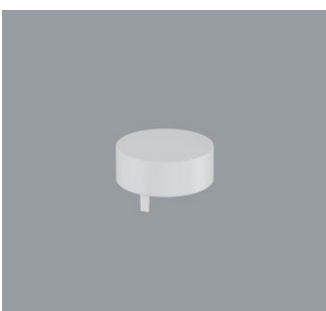
**AC003008**
Add-on Control Unit Zigbee
Polymer, white. Replacement without tools.
Control via a Zigbee 3.0 compliant hub.

**AC003001**
Add-on Control Unit Casambi Bluetooth
Polymer, black. Replacement without tools.
Control via Casambi app (Android/iOS) with Bluetooth Low Energy (BLE)-capable mobile devices or "Casambi Ready" products.
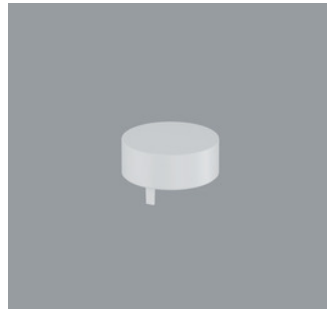
**AC003005**
Add-on Control Unit Casambi Bluetooth
Polymer, white. Replacement without tools.
Control via Casambi app (Android/iOS) with Bluetooth Low Energy (BLE)-capable mobile devices or "Casambi Ready" products.
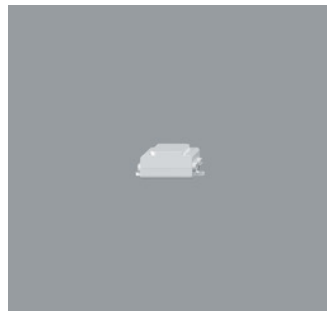
**AC007001**
DALI Casambi Gateway
Enables DALI systems to be connected to luminaires, sensors and control units with Casambi Bluetooth. The gateway can only be operated in Evolution networks. Power is supplied exclusively via the DALI bus. Connection via two lines which must be designed for mains voltage. The gateway requires no DALI addresses, the devices appear as non-configured devices in the DALI system. Addressing/commissioning is performed via the DALI control. It can individually control 64 devices, and via the broadcast command up to 249 devices.
CE

37 41 14
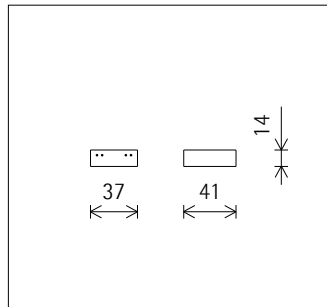
**55248.000**
ERCO Casambi motion detector with light sensor
for ERCO 220-240V track.
Setup via Casambi app (Android/iOS) with Bluetooth Low Energy (BLE)-capable mobile devices.
Use for daylight-dependent light control with or without motion detector. Detection range of infrared (PIR) sensor 100°/ 5m. At 3m room height, this is a circle with diameter of approx. 7m.
3-phase adapter for ERCO 220-240V track: plastic, white.
White
Weight 0.18kg

# ERCO

# Parscan InTrack Lens wallwasher

## Accessories

**55249.000**
ERCO Casambi motion detector with
light sensor
for ERCO 220-240V track.
Setup via Casambi app (Android/iOS)
with Bluetooth Low Energy (BLE)-
capable mobile devices.
Use for daylight-dependent light con-
trol with or without motion detector.
Detection range of infrared (PIR) sensor
100°/ 5m. At 3m room height, this is a
circle with diameter of approx. 7m.
3-phase adapter for ERCO 220-240V
track: polymer, black.
Black
Weight 0.18kg