

# PRODUCT DATASHEET

## DL COMFORT DN 130 13 W 3CCT IP54 WT

DOWNLIGHT COMFORT | Downlights with adjustable white light colors



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### Areas of application

- Direct replacement for luminaires with compact fluorescent lamps
- General illumination
- Bathrooms
- Kitchens
- Offices
- Corridors
- Foyers
- Shops
- Stairways

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### Product benefits

- Three light color in one luminaire: Warm White, Cool White, Daylight White
- Simple installation thanks to integrated driver
- Easy installation with fast connection
- 5 years guarantee

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### Product features

- Three light colors selectable via slide switch
- Type of protection: IP54
- Connector box with push wire terminal for tool-free connection
- Through wiring possible



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**TECHNICAL DATA****Electrical data**

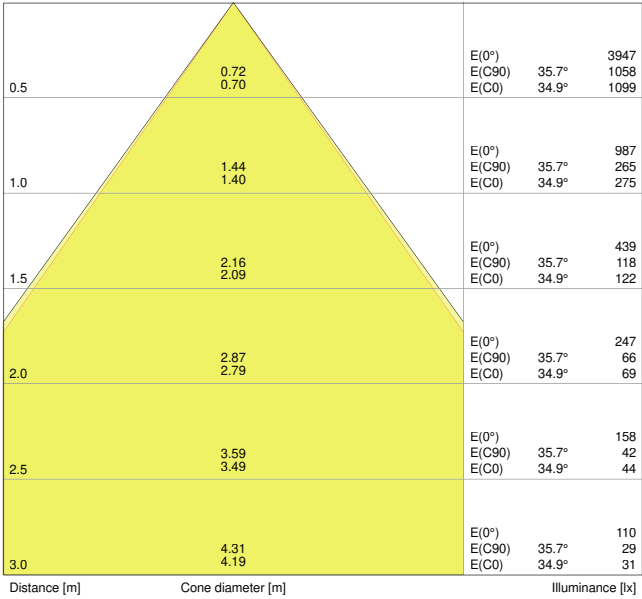
|                                          |                       |
|------------------------------------------|-----------------------|
| Nominal wattage                          | 13.00 W               |
| Nominal voltage                          | 100...277 V           |
| Mains frequency                          | 50...60 Hz            |
| Nominal current                          | 140 mA                |
| Inrush current                           | 40 A                  |
| Inrush current time $T_{h50}$            | 100 $\mu$ s           |
| Max. no. of lum. on circuit break. B16 A | 18                    |
| Max. no. of lum. on circuit break. C10 A | 15                    |
| Max. no. of lum. on circuit break. C16 A | 24                    |
| Power factor $\lambda$                   | > 0.90                |
| Total harmonic distortion                | < 20 %                |
| Protection class                         | I                     |
| Operating mode                           | Integrated LED driver |

**Photometrical data**

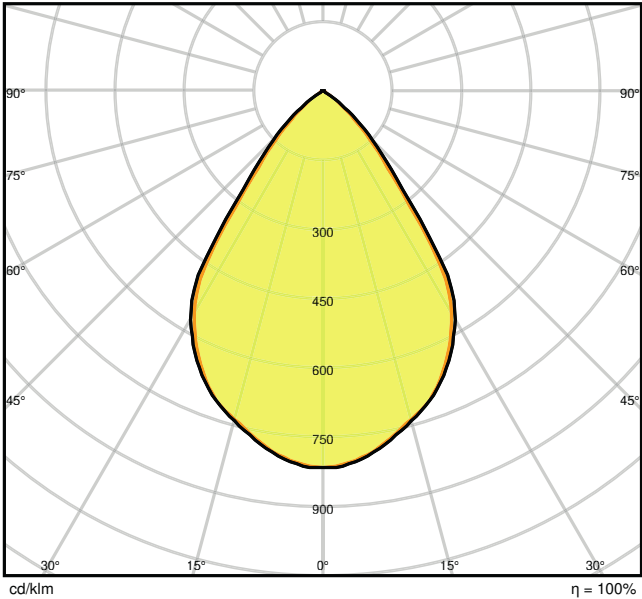
|                                              |                                         |
|----------------------------------------------|-----------------------------------------|
| Luminous flux                                | 1030...1210 lm <sup>1)</sup>            |
| Luminous efficacy                            | 85 lm/W <sup>2)</sup>                   |
| Color temperature                            | 3000...5700 K                           |
| Light color (designation)                    | Warm White / Cool White / Cool Daylight |
| Color rendering index Ra                     | > 80                                    |
| Standard deviation of color matching         | < 5 sdcm                                |
| Luminous intensity                           | -                                       |
| Flickering metric (Pst LM)                   | -                                       |
| Stroboscope effect metric (SVM)              | -                                       |
| Photobiological safety group acc. to EN62778 | RG0                                     |
| Photobiological safety group acc. to EN62471 | RG0                                     |
| Beam angle                                   | 60 °                                    |
| UGR                                          | < 22                                    |

<sup>1)</sup> Luminous flux dependent on selected color temperature: 1030 lm@3000 K / 1110 lm@5700 K / 1210 lm@4000 K

<sup>2)</sup> Value at 5700 K, different for other color temperatures



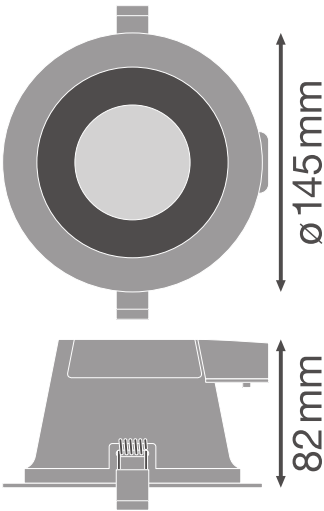
LDC typ cone



LDC typ polar

Dimensions & Weight

|                |           |
|----------------|-----------|
| Diameter       | 145.00 mm |
| Height         | 82.00 mm  |
| Product weight | 265.00 g  |



## Materials & Colors

|                                            |                               |
|--------------------------------------------|-------------------------------|
| Product color                              | White                         |
| Housing color                              | White                         |
| Body material                              | Aluminum                      |
| Cover material                             | Polymethylmethacrylate (PMMA) |
| Glow Wire Test according to IEC 60695-2-12 | 650 °C                        |
| Mercury content                            | 0.0 mg                        |

## Application & Mounting

|                                        |                            |
|----------------------------------------|----------------------------|
| Ambient temperature range              | -20...+45 °C               |
| Type of connection                     | Screwless terminal, 2-Pole |
| Type of protection                     | IP54/IP20                  |
| Protection class IK (shock resistance) | IK03                       |
| Dimmable                               | No                         |
| Mounting type                          | Recessed                   |
| Mounting location                      | Ceiling                    |
| Application environment                | Indoor                     |
| Mounting diameter                      | 130 mm                     |
| Mounting depth                         | 125 mm                     |
| LED module replaceable                 | Not replaceable            |
| With light source                      | Yes                        |

## Lifespan

|                            |                       |
|----------------------------|-----------------------|
| Lifespan L70/B50 at 25 °C  | 50000 h <sup>1)</sup> |
| Lifespan L80/B10 at 25 °C  | 43000 h <sup>1)</sup> |
| Lifespan L90/B10 at 25 °C  | 30000 h               |
| Number of switching cycles | 50000                 |

<sup>1)</sup> t[h]: L70 / B50 @ 25 °C (Ta), t[h]: L80 / B10 @ 25 °C (Ta), t[h]: L90 / B10 @ 25 °C (Ta)

## Certificates & Standards

|                                                      |                          |
|------------------------------------------------------|--------------------------|
| Standards                                            | CE / CB / ENEC / TÜV SÜD |
| Luminaire with limited surface temperature, "D sign" | No                       |
| Ball shot safe                                       | No                       |

## Additional product data

Number of illuminants

Not relevant

## DOWNLOAD DATA

### Documents and certificates



User instruction



Addon Technical Information



Packaging insert



Declarations Of Conformity CE



Declarations Of Conformity UKCA

### Photometric and lighting design files



IES file (IES)



LDT file (Eulumdat)



ULD file (DIALux)



ROLF file (RELUX)



UGR file (UGR table)



LDC typ cone



LDC typ polar

### Tender texts



Tender documents

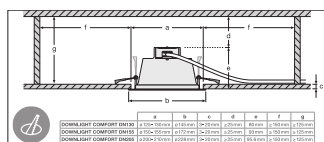
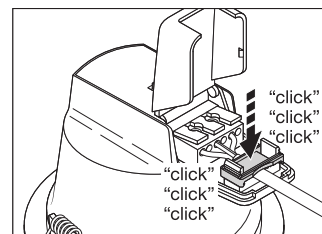
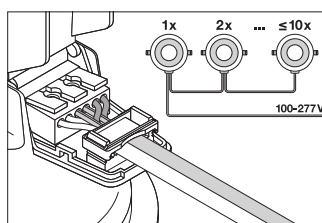
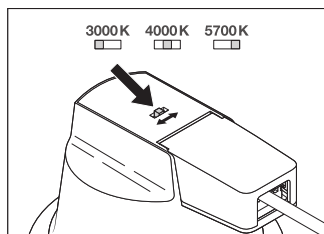
## LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume               |
|---------------|------------------------------|--------------------------------------|--------------|----------------------|
| 4058075104068 | Folding box<br>1             | 170 mm x 170 mm x 125 mm             | 326.00 g     | 3.61 dm <sup>3</sup> |

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075104075 | Shipping box<br>8            | 360 mm x 360 mm x 270 mm             | 3640.00 g    | 34.99 dm <sup>3</sup> |

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

## ADDITIONAL CATALOG INFORMATION



## References / Links

- For Guarantee see [www.ledvance.com/guarantee](http://www.ledvance.com/guarantee)

## DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.