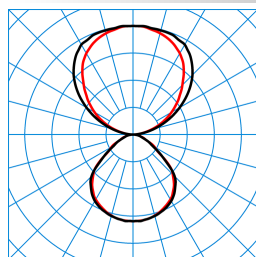


Product features and key data

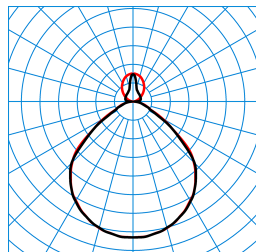
| | |
|---|---|
| Applications | Prestigious office lighting sales rooms exhibition rooms banks ticket halls educational rooms |
| Luminaire type | Versatile luminaire module for suspended and surface-mounted luminaires. |
| Light sources | LED system with angled LEDs positioned laterally to the light emission aperture and a chamber system for highly effective reflection and transfer of the light. |
| Mounting method | Suspension Surface-mounting |
| Luminaire optic | With highly efficient CDP microprisms. |
| Light Engine | Suspension mounting |
| Colour temperature | 4000 K |
| Rated luminous flux | 5400 lm |
| Connected load | 41,00 W |
| Luminous efficacy | 132 lm/W |
| Service life | L90 (25 °C) = 50.000 h |
| Colour rendering index | 80 |
| Colour tolerance | 3 SDCM |
| Photobiological class | Group 1 - no risk |
| Luminaire colour | RAL9006 White aluminium |
| Luminaire body | Luminaire body of extruded aluminium profile. End caps of die-cast aluminium. |
| Electrical version | With electronic transformer, digitally dimmable (DALI). |
| DALI-2-Standard EN 62386 | Yes |
| Connection method | Plug-in terminal |
| Touch-Dim-capable | Yes |
| Dimming range | 5 - 100 % |
| Monitoring Ready | On request |
| Mains frequency | 50/60 Hz |
| Mains voltage | 220 - 240 V |
| Total harmonic distortion < % | 14 % |
| Ingress Protection (IP) rating | IP20 |
| Protection class | I |
| Impact resistance (IK) | IK03 |
| Hot wire resistance | 650 °C |
| Ambient temperature | 25 °C |
| Max. Luminaires B10 | 15 |
| Max. Luminaires B16 | 24 |
| Max. Luminaires C10 | 24 |
| Max. Luminaires C16 | 40 |
| Net length | 1.490 mm |
| Net width | 240 mm |
| Net height | 20 mm |
| Weight | 4,1 kg |

light distribution curve


LuceoS D/H2-L CDP 6500-840 03 (Pendant ZS/ZST)
TX194608

UGR I = 13.4
 UGR q = 13.2
 DIN 5040: D43
 UTE: 0,40 D + 0,60 T
 DLOR: 40 %
 ULOR: 60 %
 CEN Flux Code: 55 86 97 40 100 47 79 96 60

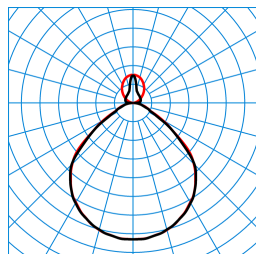
■ C0 - C180
 ■ C90 - C270



LuceoS D/H2-L CDP 6500-840 03 (Ceiling D2 ZD/03)
TX194614

UGR I = 18.9
 UGR q = 18.6
 DIN 5040: B52
 UTE: 0,85 D + 0,15 T
 DLOR: 85 %
 ULOR: 15 %
 CEN Flux Code: 57 89 98 85 100 41 68 88 15

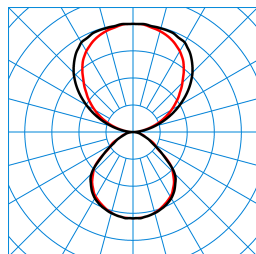
■ C0 - C180
 ■ C90 - C270



LuceoS D/H2-L CDP 6500-840 ETDD 03 (Ceiling D2 ZD/03+EB3)
TX277143

UGR I = 18.9
 UGR q = 18.6
 DIN 5040: B52
 UTE: 0,85 D + 0,15 T
 DLOR: 85 %
 ULOR: 15 %
 CEN Flux Code: 57 89 98 85 100 41 68 88 15

■ C0 - C180
 ■ C90 - C270




























LuceoS D/H2-L CDP 6500-840 ETDD 03 (Pendant ZS/ZST+EB3)
TX245961





















UGR I = 13.4
 UGR q = 13.2
 DIN 5040: D43
 UTE: 0,40 D + 0,60 T
 DLOR: 40 %
 ULOR: 60 %
 CEN Flux Code: 55 86 97 40 100 47 79 96 60

■ C0 - C180
 ■ C90 - C270

Available accessories

| Material | Description |
|--|--|
|  ZAA/01 4601700 | Ceiling rose, round. Colour white. |
|  ZAA/03 4601800 | Ceiling rose, round. Colour silver-grey. |
|  Luceo ZZT/515/1000 4691600 | Transparent cable for continuous line luminaires Luceo H. |
|  ZAE/01 515 4691700 | Ceiling rose for connection of the 5-pole mains cable in case of ceiling outlets. Square, white. |
|  ZAE/03 515 4691800 | Ceiling rose for connection of the 5-pole mains cable in case of ceiling outlets. Square, silver-grey. |

| | | |
|---|--|---|
|  | ZAR/01 7002300 | Ceiling rose, square, white. |
|  | ZAR/03 7002400 | Ceiling rose, square, silver grey. |
|  | ZAR+LLWC 03 7002600 | Ceiling rose, square, silver grey. With integrated light management component: LiveLink WLAN-Controller. |
|  | LuceoS H ZKS PW/5/1000/03 7018500 | Connection end cap for suspended luminaires, 5-pole version. With transparent connection cable. Length of connection cable: 1000 mm. |
|  | LuceoS H ZKS PW/5/2000/03 7018700 | Connection end cap for suspended luminaires, 5-pole version. With transparent connection cable. Length of connection cable: 2000 mm. |
|  | LuceoS H ZKS 03 7018900 | Standard end cap for suspended luminaires. |
|  | LuceoS H ZKS 03 +LLWS 7019100 | End cap for suspended luminaires with LiveLink application. With integrated LiveLink sensor for connecting to a LiveLink control unit, for daylight-dependent control and presence detection. |
|  | LuceoS H ZLK/5/03 7019300 | Standard coupler without supplementary function to connect suspended continuous line luminaires. For electrical and mechanical luminaire connection. Connection plug included in scope of supply. |
|  | LuceoS H ZLK B/5/03 +LLWS 7019500 | Coupler with LiveLink sensor unit for connecting suspended continuous line luminaires. With integrated LiveLink sensor for connecting to a LiveLink control unit, for daylight-dependent control and presence detection. |
|  | LuceoS H ZS/2000 7019600 | Wire suspension for suspension lengths to: 2000 mm. |
|  | LuceoS / Creavo H ZST/2000 7019700 | Y wire suspension for suspension lengths to: 2000 mm. |
|  | LuceoS H ZLK B/5/03 7093500 | Mechanical and electrical connector for structuring a suspended continuous line. |
|  | LuceoS H ZKP 03 7156300 | Node for suspended continuous line applications. With plug system on the side for electrical connection. The suspension for a node-luminaire combination is mounted on the luminaire body and must be ordered separately. |
|  | LuceoS H ZKK IN/5/03 7156600 | Node point coupling for connection of a luminaire to a node. With plug system on the side for electrical connection. With 5-core through-wiring, 1.5 mm ² . Type IN for use with direction of electric current from the luminaire to the node. |
|  | LuceoS H ZKK OUT/5/03 7156700 | Node point coupling for connection of a luminaire to a node. With plug system on the side for electrical connection. With 5-core through-wiring, 1.5 mm ² . Type OUT for use with direction of electric current from the node to the luminaire. |
|  | LuceoS D2 ZD/03 7157100 | Ceiling surface-mounting system for luminaires of the Luceo Slim series. A connection end cap is already included in the scope of supply of the ceiling surface-mounting system. |
|  | LuceoS D ZKS 03 7169900 | Standard end cap for surface-mounted ceiling luminaires. |
|  | LuceoS D ZKS 03 +LLWS 7170100 | End cap with LiveLink application for surface-mounted ceiling luminaires. With integrated LiveLink sensor for connecting to a LiveLink control unit, for daylight-dependent control and presence detection. |
|  | LuceoS D2 ZLK B/5/03 +LLWS 7170900 | Continuous line coupling for ceiling luminaires LuceoS D2. Mechanical and electrical connector for structuring a ceiling surface-mounted continuous line. Wide version. With integrated LiveLink sensor for connecting to a LiveLink control unit, for daylight-dependent control and presence detection. With 5-core through-wiring, 1.5 mm ² . |
|  | LuceoS D2 ZLK B/5/03 7171100 | Continuous line coupling for ceiling luminaires LuceoS D2. Mechanical and electrical connector for structuring a ceiling surface-mounted continuous line. Wide version. With 5-core through-wiring, 1.5 mm ² . |

| | | |
|---|--|--|
|  | LuceoS D2 ZLK/5/03 7178300 | Mechanical and electrical connector for structuring a ceiling surface-mounted continuous line. With mounting plate for ceiling mounting of a continuous row luminaire. With 5-core through-wiring, 1.5 mm ² . |
|  | LuceoS D ZKS 03 +LLWM 7677200 | End cap with LiveLink application for surface-mounted ceiling luminaires. With integrated LiveLink WiFi control unit and LiveLink sensor for daylight-dependent control and presence detection as well as WLAN module for reliable commissioning and operation (WPA2 encryption). |
|  | LuceoS D ZKS 03 +LLWC 7677400 | End cap with LiveLink application for surface-mounted ceiling luminaires. With integrated LiveLink WiFi control unit for daylight-dependent control and presence detection as well as WLAN module for reliable commissioning and operation (WPA2 encryption). |
|  | LuceoS H ZKS PW/5/1000/03 +EB3 7677600 | Connection end cap for suspended luminaires, 5-pole version. In emergency light version with single battery system, nominal operation time 3 hours. With transparent connection cable. Length of connection cable: 1000 mm. |
|  | LuceoS H ZLK B/5/1000/03 +EB3 7677800 | Mechanical and electrical connector for structuring a suspended continuous line. In emergency light version with single battery system, nominal operation time 3 hours. With transparent connection cable. Length of connection cable: 1000 mm. |
|  | LuceoS H ZKS 03 +LLWM 7678600 | End cap for suspended luminaires with LiveLink application. With integrated LiveLink WiFi control unit and LiveLink sensor for daylight-dependent control and presence detection as well as WLAN module for reliable commissioning and operation (WPA2 encryption). |
|  | LuceoS H ZKS 03 +LLWC 7678800 | End cap for suspended luminaires with LiveLink application. With integrated LiveLink WiFi control unit for daylight-dependent control and presence detection as well as WLAN module for reliable commissioning and operation (WPA2 encryption). |
|  | LuceoS H ZKS PW/5/2000/03 +EB3 7696300 | Connection end cap for suspended luminaires, 5-pole version. In emergency light version with single battery system, nominal operation time 3 hours. With transparent connection cable. Length of connection cable: 2000 mm. |
|  | LuceoS H ZLK B/5/2000/03 +EB3 7696500 | Mechanical and electrical connector for structuring a suspended continuous line. In emergency light version with single battery system, nominal operation time 3 hours. With transparent connection cable. Length of connection cable: 2000 mm. |
|  | LuceoS D2 ZLK B/5/03 +EB3 7716600 | Continuous line coupling for ceiling luminaires LuceoS D2. Mechanical and electrical connector for structuring a ceiling surface-mounted continuous line. Wide version. In emergency light version with single battery system, nominal operation time 3 hours. |
|  | LuceoS D ZKS 03 +CO2 7751500 | Standard end cap for surface-mounted ceiling luminaires. With integrated carbon dioxide sensor for measuring the CO ₂ concentration in the ambient air and a 3-stage LED traffic light to indicate the air quality and the need for ventilation. |
|  | LuceoS D2 ZLK B/5/03 +CO2 7751900 | Continuous line coupling for ceiling luminaires LuceoS D2. Mechanical and electrical connector for structuring a ceiling surface-mounted continuous line. Wide version. With integrated carbon dioxide sensor for measuring the CO ₂ concentration in the ambient air and a 3-stage LED traffic light to indicate the air quality and the need for ventilation. |
|  | LuceoS H ZKS 03 +CO2 7752100 | Standard end cap for suspended luminaires. With integrated carbon dioxide sensor for measuring the CO ₂ concentration in the ambient air and a 3-stage LED traffic light to indicate the air quality and the need for ventilation. |
|  | LuceoS H ZLK B/5/03 +CO2 7752500 | Mechanical and electrical connector for structuring a suspended continuous line. With integrated carbon dioxide sensor for measuring the CO ₂ concentration in the ambient air and a 3-stage LED traffic light to indicate the air quality and the need for ventilation. |
|  | LuceoS D2 ZD 03 +EB3 7754400 | Surface-mounted ceiling system with integrated emergency inverter for luminaires of the series LuceoS D2... 03. Single battery system with a nominal operating time of 3 h. |
|  | LuceoS D ZKS 03 +CAS 8420100 | Standard end cap for surface-mounted ceiling luminaires. With integrated CASAMBI module for integration into a wirelessly controllable mesh network of up to 250 devices. The system is commissioned using the Casambi app (iOS and Android). |
|  | LuceoS H ZKS 03 +CAS 8420300 | Standard end cap for suspended luminaires. With integrated CASAMBI module for integration into a wirelessly controllable mesh network of up to 250 devices. The system is commissioned using the Casambi app (iOS and Android). |
|  | LuceoS D ZKS 03 +CAS-S 8420500 | Standard end cap for surface-mounted ceiling luminaires. With integrated CASAMBI module and presence and daylight sensor for integration into a wirelessly controllable mesh network of up to 250 devices. The system is commissioned using the Casambi app (iOS and Android). |
|  | LuceoS H ZKS 03 +CAS-S 8420000 | Standard end cap for suspended luminaires. With integrated CASAMBI module and presence and daylight sensor for integration into a wirelessly controllable mesh network of up to 250 devices. The system is commissioned using the Casambi app (iOS and Android). |
|  | LuceoS H ZLK B/5/03 +CAS-S 8488100 | Mechanical and electrical connector for structuring a suspended continuous line. With 5-core through-wiring, 1.5 mm ² . |


LuceoS H ZLK B/5/03 +CAS
 8488200

 Mechanical and electrical connector for structuring a suspended continuous line. With 5-core through-wiring, 1.5 mm².

LuceoS D2 ZLK B/5/03 +CAS-S
 8488900

 Mechanical and electrical connector for structuring a ceiling surface-mounted continuous line. With mounting plate for ceiling mounting of a continuous row luminaire. With 5-core through-wiring, 1.5 mm².

LuceoS D2 ZLK B/5/03 +CAS
 8489100

 Mechanical and electrical connector for structuring a ceiling surface-mounted continuous line. With mounting plate for ceiling mounting of a continuous row luminaire. With 5-core through-wiring, 1.5 mm².

Luceo ZZT/515/2000
 4894300

Transparent cable for continuous line luminaires Luceo H.

Offer text

Versatile luminaire module for suspended and surface-mounted luminaires. In combination with accessories to be ordered separately, the modules are completed to form individual luminaires or continuous lines with continuous light emission surface for surface-mounted or suspended installation. In combination with the accessories to be ordered separately for the desired application, the module is suitable for suspended and surface-mounted installation. Suspended continuous line applications around corners is possible with node to be ordered separately. With highly efficient CDP microprisms. With direct and indirect light distribution in suspended-luminaire applications. Division of total light distribution (direct/indirect): 40% / 60%. In applications as a surface-mounted luminaire with predominantly direct light distribution with indirect component for ceiling illumination. Glare evaluation according to UGR rating (EN 12464-1) < 16. VDU workstation-compliant in accordance with 12464-1 Completely harmonious light effect due to homogeneously illuminated light emission. Luminaire luminous flux and light color fixed. LED system with angled LEDs positioned laterally to the light emission aperture and a chamber system for highly effective reflection and transfer of the light. Rated luminous flux in suspended luminaire application 6200 lm, Rated luminous flux in surface-mounted luminaire application 5400 lm, connected load 41,00 W, luminous efficiency of luminaire 132 lm/W. Light colour neutral white, correlated colour temperature (CCT) 4000 K, general colour rendering index (CRI) R_a > 80. Colour locus tolerance (initial MacAdam) ≤ 3 SDCM. Mean rated service life L90(t_q 25 °C) = 50,000 h. Luminaire body of extruded aluminium profile. End caps of die-cast aluminium. Colour silver-grey, solvent-free powder-coated (RAL 9006). Dimensions (L x W): 1490 mm x 240 mm, luminaire height 20 mm. Permissible ambient temperature (ta): -20 °C - +25 °C. Safety class (EN 61140): I, protection rating (DIN EN 60529): IP20, impact resistance level in accordance with IEC 62262: IK03, testing temperature of wire glow test in accordance with IEC 60695-2-11: 650 °C. Weight: 4,1 kg. Electrical connection is established by attaching the connection end cap. Independent electrical connection of assemblies. With electronic transformer, digitally dimmable (DALI). Control gear unit according to DALI-2 standard (EN 62386). Luminaire is switchable and dimmable by means of touch functionality via DALI control terminals (Touch DIM). The control gear unit is replaceable in accordance with the ecodesign requirements (VO (EU) 2019/2020). The luminaire can be equipped with the Monitoring Ready (MOR) functionality on request. The luminaire complies with the fundamental requirements of applicable EU regulations and product safety legislation and bears the CE symbol. The luminaire is also ENEC-certified by an independent testing authority.

Application notice in connection with use as surface-mounted ceiling luminaire

The basic accessories for combining the module for surface-mounting applications are the ceiling surface-mounting systems LuceoS D1 ZD/colour or LuceoS D2 ZD/colour. The ceiling installation system must be ordered separately. The scope of delivery of the surface-mounted ceiling system already includes a connection end cap; the second end cap must be ordered separately. In addition to standard end caps and continuous line connectors without supplementary functionality, these are also optionally available with sensor functions for connecting to the LiveLink light management system

Application notice in connection with use as suspended luminaire

Please order connection cable, end caps and wire suspensions separately. Connectors for use of the luminaire as continuous lines are available as an optional accessory. Ceiling junction boxes are available in various versions as optional accessories and must be ordered separately. In addition to standard end caps and continuous line connectors without supplementary functionality, these are also optionally available with sensor functions for connecting to the LiveLink light management system.

Further information can be found in the installation instructions.
 Disassembly instructions (PDF) for the product available at: <https://www.trilux.com/EcoDesign>

EPREL - European Product Registry for Energy Labelling

| Energy Efficiency Class | Model identifier |
|-------------------------|------------------|
| C | 85401732-00 |