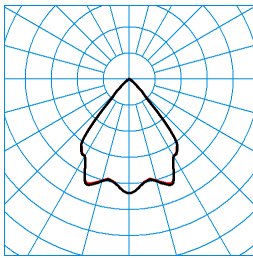

**Product features and key data**

<b>Luminaire type</b>	Rectangular surface-mounted LED ceiling luminaire with light elements consisting of lens systems and cubic screening elements with high efficiency.
<b>Light sources</b>	The LED system consists of 25 cubic light elements embedded flush with the luminaire surface.
<b>Mounting method</b>	Surface-mounting Suspension
<b>Luminaire optic</b>	The optical system with its precisely coordinated combination of LED lenses and screening cubes generates excellent visual comfort with great photometric performance.
<b>Connected load</b>	36 W
<b>Colour temperature</b>	4.000 K
<b>Rated luminous flux</b>	5.300 lm
<b>Luminous efficacy</b>	147 lm/W
<b>Service life</b>	L80 (25 °C) = 100.000 h L90 (25 °C) = 50.000 h
<b>Colour rendering index</b>	80
<b>Colour tolerance</b>	3 SDCM
<b>Photobiological class</b>	Group 1 - no risk
<b>Luminaire colour</b>	RAL9016 Traffic white
<b>Electrical version</b>	With electronic transformer, digitally dimmable (DALI).
<b>Connection method</b>	Terminal
<b>Touch-Dim-capable</b>	Yes
<b>Dimming range</b>	1 - 100 %
<b>Monitoring Ready</b>	Yes
<b>Mains frequency</b>	50/60 Hz
<b>Mains voltage</b>	220 - 240 V
<b>Total harmonic distortion &lt; %</b>	17 %
<b>Ingress Protection (IP) rating</b>	IP40
<b>Protection class</b>	I
<b>Impact resistance (IK)</b>	IK02
<b>Hot wire resistance</b>	650 °C
<b>Ambient temperature</b>	25 °C
<b>Max. Luminaires B10</b>	13
<b>Max. Luminaires B16</b>	20
<b>Max. Luminaires C10</b>	20
<b>Max. Luminaires C16</b>	34
<b>Net length</b>	1.509 mm
<b>Net width</b>	170 mm
<b>Net height</b>	46 mm
<b>Weight</b>	7,1 kg




**light distribution curve**


Creavo D3-L LW19-03 53-840 ETDD X5 01  
 TX278480

■ C0 - C180  
 ■ C90 - C270

UGR I = 18,3  
 UGR q = 18,4  
 DIN 5040: A60  
 UTE: 1,00 A  
 CEN Flux Code: 89 100 100 100 100

**Available accessories**

Material	Description
 <b>Creavo D/H ZDV 515 L2</b> 7771300	Through-wiring with heat-resistant individual wires. For surface-mounted and suspended luminaires with a length of: 1500 mm. 5-wire version, Ø 1,5 mm²
 <b>Creavo D ZLK 01</b> 7772300	Continuous line connectors for surface-mounted ceiling luminaires, Colour white.
 <b>Creavo D/H ZKS 01</b> 7772400	End caps for individual luminaires and continuous line front ends. Packaging unit 2 pieces. Made of plastic, colour white.

**Offer text**

Rectangular surface-mounted LED ceiling luminaire with light elements consisting of lens systems and cubic screening elements with high efficiency. Surface-mounted luminaire for single luminaire or continuous line applications. For use as a direct-distribution suspended luminaire in combination with accessories to be ordered separately. The optical system with its precisely coordinated combination of LED lenses and screening cubes generates excellent visual comfort with great photometric performance. With symmetric narrow-wide light distribution. Glare evaluation (EN 12464-1) according to UGR < 19. Suitable for VDU workstations according to EN 12464-1 via limited luminance  $L \leq 3000 \text{ cd/m}^2$  for beam angle above 65° all-round. The LED system consists of 25 cubic light elements embedded flush with the luminaire surface. Luminaire luminous flux 5300 lm, connected load 36,00 W, luminous efficiency of luminaire 147 lm/W. Light colour neutral white, correlated colour temperature (CCT) 4000 K, general colour rendering index (CRI)  $R_a > 80$ . Mean rated service life  $L80(t_q 25^\circ\text{C}) = 100,000 \text{ h}$ , mean rated service life  $L90(t_q 25^\circ\text{C}) = 50,000 \text{ h}$ . Luminaire body of sheet steel, powder-coated white (RAL 9016). Screening cubes silver-grey, with fine surface structure. Dimensions (L x W): 1509 mm x 170 mm, luminaire height 46 mm. Safety class (EN 61140): I, protection rating (DIN EN 60529): IP40, impact resistance level in accordance with IEC 62262: IK02, testing temperature of wire glow test in accordance with IEC 60695-2-11: 650 °C. With electronic transformer, digitally dimmable (DALI). Control gear unit is open-circuit proof and protected against faulty connection, short circuit, overload and overtemperature. The control gear is replaceable. Output ripple of the control gear unit  $\leq 4 \%$  for effective control of the LED system and for flicker-free light. The luminaire is monitoring-ready (MOR), supplies luminaire data for monitoring or for predictive maintenance and is therefore compatible to the TRILUX Digital Services (Energy Monitoring and Light Monitoring). The luminaire complies with fundamental requirements of applicable EU regulations and product safety legislation and bears the CE symbol. With integrated LiveLink WiFi RC control unit and LiveLink IR Micro sensor for daylight-dependent control and presence detection, Wi-Fi module for reliable commissioning and operation (WPA2 encryption) and a radio module for setting up a ZigBee mesh network. Radio signal range: > 20 m. Predefined room configurations (Use Cases) with all planning-relevant data enable simple, quick commissioning. control of up to 32 DALI devices and 50 radio devices. Commissioning is carried out with the LiveLink Install commissioning app for tablet PCs.

LiveLink sensor for daylight-dependent control and presence detection. Constant light control with switch-off function with sufficient daylight. Passive infrared presence sensor, with high-sensitivity multi-segment pyro-sensors, settable switch-off delay time, optionally in automatic mode (automatic on, automatic off) or semi-automatic mode (automatic off, manual on).. Special IQ mode for automatic adaptation of delay time to room use. Electrical supply via the DALI interface of the control unit. Occupies 2 DALI devices. Temperature range -25°C - +55 °C. Integrated pyro-sensor for maximum detection quality with 168 detection zones. Presence range of 16 m² detects minimum movements. Square detection zone, detection squares for presence max. 4 m x 4 m (16 m²) / radial max. 4 m x 4 m (16 m²) / tangential max. 6 m x 6 m (36 m²) at recommended mounting height of 3 m, permissible mounting height 2.5 m to 4 m. The luminaire is part of a range of recessed, surface-mounted and suspended luminaires with a harmonised appearance. Project-specific versions with varying luminaire characteristics are possible on request.

**Application note :**

Please order end caps for individual luminaires or continuous lines separately..