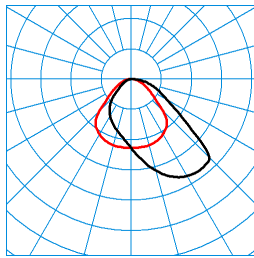
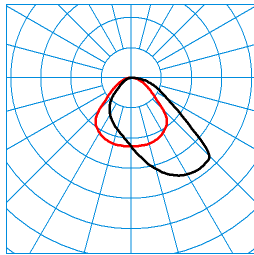


Product features and key data

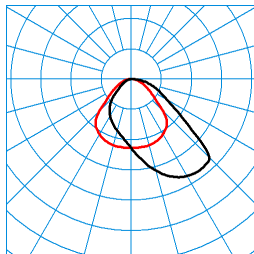
Luminaire type	Compact desktop luminaire with flat round luminaire head, three adjustment joints and fixing clamp.		
Mounting method	Positioning		
Luminaire optic	With prismatic cover for optimal light distribution.		
LED-System	HCL channel 1	HCL channel 2	HCL MAX
Connected load	8,50 W	7,20 W	7,90 W
Colour temperature	2.700 K	6.300 K	4.000 K
Rated luminous flux	650 lm	650 lm	600 lm
Luminous efficacy	76 lm/W	90 lm/W	75 lm/W
Interchangeability lightsource	No - Electrical safety		
Service life	L80 (25 °C) = 50.000 h		
Colour rendering index	90		
Colour tolerance	3 SDCM		
Photobiological class	Group 0 - no risk		
Luminaire colour	RAL9016 Traffic white		
Luminaire body	Luminaire body of die-cast aluminium.		
Electrical version	With electronic control gear unit, dimmable (integrated).		
Connection method	Mains plug		
Dimming range	1 - 100 %		
Mains frequency	50/60 Hz		
Mains voltage	220 - 240 V		
Ingress Protection (IP) rating	IP20		
Protection class	II		
Impact resistance (IK)	IK02		
Hot wire resistance	650 °C		
Ambient temperature	25 °C		
Max. Luminaires B10	10		
Max. Luminaires B16	16		
Max. Luminaires C10	16		
Max. Luminaires C16	25		
Net length	134 mm		
Net width	134 mm		
Net height	808 mm		
Weight	1,4 kg		

light distribution curve

Cultega Act T SMC PAW 600 KL 01 (ACTDWW)
TX280845

 CO - C180
 C90 - C270

 DIN 5040: A40
 UTE: 1,00 D
 CEN Flux Code: 54 85 97 100 100

Cultega Act T SMC PAW 600 KL 01 (ACTDCW)
TX280856






 CO - C180
 C90 - C270

 DIN 5040: A40
 UTE: 1,00 D
 CEN Flux Code: 54 85 97 100 100

Cultega Act T SMC PAW 600 KL 01 (ACTDSU)
TX280865

 CO - C180
 C90 - C270

 DIN 5040: A40
 UTE: 1,00 D
 CEN Flux Code: 54 85 97 100 100

Available accessories

Material	Description
 Cultega T NT 7856300	Power supply unit of the Cultega desktop luminaire. For replacement or exchange.
 Cultega T FP 01 7855700	Baseplate of the Cultega desktop luminaire. For replacement or exchange. Colour white.
 Cultega T FP 05 7855800	Baseplate of the Cultega desktop luminaire. For replacement or exchange. Colour black.
 Cultega T KL 01 7855900	Table clamp of the Cultega desktop luminaire. For replacement or exchange. Colour white.
 Cultega T KL 05 7856000	Table clamp of the Cultega desktop luminaire. For replacement or exchange. Colour black.

Offer text

Compact desktop luminaire with flat round luminaire head, three adjustment joints and fixing clamp. Luminaire with Active equipment for controlling light colour via separate control unit. Luminaire with Active configuration for optional automatic control of light colour. The luminaire can be controlled via an app or manually with the operating elements on the luminaire head. Suitable for lighting an area RF3 according to DIN 5035-8 with up to 500lx without additional lighting. In combination with general lighting (500lx), modified illuminance levels according to DIN EN 12464-1:2021 of up to 1000lx are achieved for office-specific visual tasks in RF3 area. Ceiling luminaires with optional Lightgrid configuration can be networked with the desktop luminaire to synchronise the light colour. With table clamp for fixing the luminaire to the edge of a solid, load-bearing surface with material thickness of 20 mm to 75 mm and clamping depth of approx. 100 mm. The luminaire can be rotated through 180°. The surface of the fixing area is protected by a rubber buffer. With prismatic cover for optimal light distribution. With direct asymmetric wide light distribution. Glare evaluation according to UGR rating (EN 12464-1) < 16. The following information on luminaire luminous flux and power consumption of the system refer to operation of this luminaire with dynamic, settable light colour (HCL) in warm white light colour (2700 K) operating mode. Luminaire luminous flux 650 lm, connected load 8,50 W, luminous efficiency of luminaire 76 lm/W. Light colour variable (warm white - daylight white), correlated colour temperature (CCT) variable (2700 K - 6000 K), general colour rendering index (CRI) $R_a > 90$. Colour locus tolerance (initial MacAdam) ≤ 3 SDCM, Mean rated service life $L_{80}(t_{a25}^\circ C) = 50,000$ h. Luminaire body of die-cast aluminium. Surface fine-textured powder-coated, colour white. (RAL 9016). Dimensions of luminaire head $\varnothing 134$ mm x 23 mm, Luminaire height (continuously adjustable) 390 mm - 715 mm. Weight: 1,4 kg. Safety class (EN 61140): II, protection rating (DIN EN 60529): IP20, impact resistance level in accordance with IEC 62262: IK02, testing temperature of wire glow test in accordance with IEC 60695-2-11: 650 °C. The power adapter (Euro plug type C, EN 50075) is equipped with a connection cable and coupling for connection to the luminaire cable. The cable routing is completely within the luminaire.

body, the connection cable is safely implemented via a plastic clamping device. The connection cable (1500 mm) at the rear is connected to the connection cable of the power supply unit (1500 mm) by means of a plug connection. The total cable length of the connection is 3000 mm. With electronic control gear unit, dimmable (integrated). The control gear unit is replaceable in accordance with the ecodesign requirements (VO (EU) 2019/2020). With integrated control gear unit for daytime dependent and seasonally dependent control of the light colour (circadian control). Operation via 2 buttons (On/Off/brightness/light colour/HCL curve). With status LED to indicate the operating mode. The luminaire complies with the fundamental requirements of applicable EU regulations and product safety legislation and bears the CE symbol. With Smart Connect equipment for combination with a LiveLink Lightgrid Controller.

The power adapter, baseplate or clamping device are included in the scope of supply. These components are available for exchange or replacement.

EPREL ID

D: 87200007