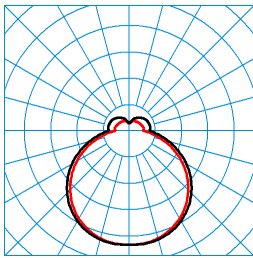

**Product features and key data**

<b>Applications</b>	entrance areas corridors stairways recreation rooms Hotels and restaurants residential areas
<b>Luminaire type</b>	Square wall and ceiling surface-mounted luminaire with opal diffuser.
<b>Light sources</b>	With one LED system, Replaceable LED gear tray
<b>Mounting method</b>	Surface-mounting
<b>Luminaire optic</b>	With PMMA diffuser, opal.
<b>Connected load</b>	10 W
<b>Colour temperature</b>	4.000 K
<b>Rated luminous flux</b>	950 lm
<b>Luminous efficacy</b>	95 lm/W
<b>Service life</b>	L80 (25 °C) = 50.000 h
<b>Colour rendering index</b>	80
<b>Colour tolerance</b>	3 SDCM
<b>Photobiological class</b>	Group 0 - no risk
<b>Luminaire colour</b>	RAL9016 Traffic white
<b>Luminaire body</b>	Luminaire body sheet steel.
<b>Electrical version</b>	With electronic transformer, switchable.
<b>Connection method</b>	Terminal
<b>Mains frequency</b>	50/60 Hz
<b>Mains voltage</b>	230 - 240 V
<b>Total harmonic distortion &lt; %</b>	14 %
<b>Ingress Protection (IP) rating</b>	IP50
<b>Protection rating on room side</b>	IP50
<b>Protection class</b>	I
<b>Impact resistance (IK)</b>	IK02
<b>Hot wire resistance</b>	650 °C
<b>Ambient temperature</b>	-20 - 25 °C
<b>Max. Luminaires B10</b>	31
<b>Max. Luminaires B16</b>	50
<b>Max. Luminaires C10</b>	52
<b>Max. Luminaires C16</b>	85
<b>Net length</b>	280 mm
<b>Net width</b>	280 mm
<b>Net height</b>	95 mm
<b>Weight</b>	1,6 kg

light distribution curve









Deca WD1 G2 LED1000-840  
TX043856

■ C0 - C180  
■ C90 - C270

UGR I = 17.8  
UGR q = 18.6  
DIN 5040: B31  
UTE: 0,79 G + 0,21 T  
CEN Flux Code: 39 69 89 79 100 19 43 70 21

Available accessories

Material	Description
 <b>Deca WD1 ZP 03</b> 5096300	Profile frame of polyurethane, all-round, silver-grey, for Deca WD1... luminaire, 1 piece.
 <b>Deca WD1 ZPA 03</b> 5096400	Profile frame of polyurethane, open on one side, silver-grey, for Deca WD1... luminaire, 1 piece.
 <b>Deca WD1 ZPK 03</b> 5096500	Profile frame of polyurethane, wedge-shaped, silver-grey, for Deca WD1...luminaire, 1 piece.
 <b>Deca WD1 ZD 03</b> 5096600	Spacer frame of polyurethane, silver-grey, for Deca WD1... luminaire, 1 piece.
 <b>Deca WD1 ZBB 03</b> 5096700	Shield of aluminium, silver-grey, covers diffuser to 1/3, for Deca WD1... luminaire, 1 piece.
 <b>Deca WD1 ZBS 03</b> 5096800	Shield of aluminium, silver-grey, covers diffuser to 1/6, for Deca WD1... luminaire, 1 pair.

Offer text

Square wall and ceiling surface-mounted luminaire with opal diffuser. Luminaire with limited surface temperature in accordance with DIN EN 60598-2-24, suitable for use in work locations exposed to fire hazards. For wall or ceiling mounting. With PMMA diffuser, opal. Glare evaluation (EN 12464-1) according to UGR < 19. Matt diffuser with finely structured surface, homogeneously illuminated.. With one LED system, Replaceable LED gear tray Luminaire luminous flux 950 lm, connected load 10,00 W, luminous efficiency of luminaire 95 lm/W. Light colour neutral white, correlated colour temperature (CCT) 4000 K, Colour locus tolerance (initial MacAdam) ≤ 3 SDCM, general colour rendering index (CRI) R<sub>a</sub> > 80. Mean rated service life L<sub>80</sub> (t<sub>q</sub> 25 °C) = 50,000 h. Luminaire body sheet steel. Surface coated white (RAL 9016). small construction, 280mm x 280mm. Luminaire for accommodating diverse optional decorative accessories, suitable for creating own design variants. Permissible ambient temperature (ta): -20 °C - +25 °C. Safety class (EN 61140): I, protection rating (DIN EN 60529): IP50, 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, switchable. The luminaire complies with 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.