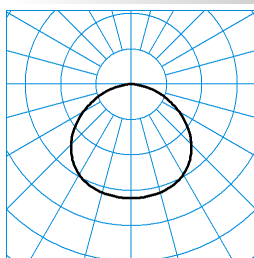


**Product features and key data**


<b>Luminaire type</b>	Round LED recessed downlight.
<b>Mounting method</b>	Recessed
<b>Luminaire optic</b>	With opal PMMA cover.
<b>Connected load</b>	8 W
<b>Colour temperature</b>	3.000 K
<b>Rated luminous flux</b>	450 lm
<b>Luminous efficacy</b>	56 lm/W
<b>Service life</b>	L70 (25 °C) = 35.000 h L80 (25 °C) = 25.000 h
<b>Colour rendering index</b>	80
<b>Colour tolerance</b>	4 SDCM
<b>Photobiological class</b>	Group 0 - no risk
<b>Luminaire colour</b>	RAL9016 Traffic white
<b>Luminaire body</b>	Luminaire body of die-cast aluminium.
<b>Electrical version</b>	With external operating device, switchable.
<b>Connection method</b>	Terminal
<b>Mains frequency</b>	50/60 Hz
<b>Mains voltage</b>	220 - 240 V
<b>Ingress Protection (IP) rating</b>	IP44
<b>Protection rating on room side</b>	IP44
<b>Protection class</b>	II
<b>Impact resistance (IK)</b>	IK05
<b>Hot wire resistance</b>	650 °C
<b>Ambient temperature</b>	-20 - 25 °C
<b>Net height</b>	24 mm
<b>Outside diameter</b>	93 mm
<b>Recess depth</b>	80 mm
<b>Weight</b>	0,2 kg
<b>Recessing diameter</b>	74 mm

**light distribution curve**



**Aviella C01 OA 400-830 01**  
**TX051048** ■ C0 - C180  
 UGR I = 29.0  
 UGR q = 29.0  
 DIN 5040: A40  
 UTE: 1,00 E  
 CEN Flux Code: 46 79 96 100 100

#### Available accessories

Material	Description
 <p><b>Netzweiterleitungsset 3-pol f SKII vp</b> 6398300</p>	Mains through-wiring box for downlights, 3-core version.

#### Offer text

Round LED recessed downlight. Tool-free ceiling installation via rapid-mounting springs. Cut-out opening Ø 74 mm, Recess depth 80 mm. With opal PMMA cover. With symmetric wide light intensity distribution. Luminaire luminous flux 450 lm, connected load 8,00 W, luminous efficiency of luminaire 56 lm/W. Light colour warm white, correlated colour temperature (CCT) 3000 K, general colour rendering index (CRI)  $R_a > 80$ . Mean rated service life  $L_{80}(t_q 25^\circ\text{C}) = 25,000$  h, mean rated service life  $L_{70}(t_q 25^\circ\text{C}) = 35,000$  h. Luminaire body of die-cast aluminium. Ceiling ring powder-coated white (RAL 9016). External dimensions of ceiling ring Ø 93 mm, luminaire height 24 mm. Permissible ambient temperature (ta):  $-20^\circ\text{C} - +25^\circ\text{C}$ . Safety class (EN 61140): II, protection rating (DIN EN 60529): IP44, impact resistance level in accordance with IEC 62262: IK05, testing temperature of wire glow test in accordance with IEC 60695-2-11:  $650^\circ\text{C}$ . With external operating device, 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.