

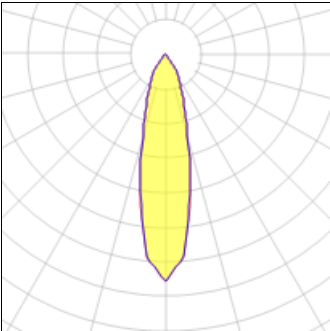
# Product data sheet

ALPHABET SPECTRA RECESSED LUMINAIRE, DOWNLIGHT  
AS1102001-30-40 + 83819R08-20\_16W  
SCHMITZ | WILA



alphabet spectra LED 4000 K Recessed Luminaire, Light distribution direct Downlight Product: AS1102001-30-40 Operating technology: independent driver required Lite Optic: 83819R08-20 Lite Optic Aluminium reflector (Al99.98), high-polished Reflector with safety strap for easy installation Half-peak divergence  $\alpha = 20^\circ$  Light Technique CRI 98 (typ.), with  $R9 \geq 90$ ,  $R15 \geq 95$  highest colour consistency with 1x2 SDCM (initial), max. 3 SDCM covered by 5 years warranty constant colour temperature 4000 K lifetime 50.000 h (L80/B10); 50.000 h (L70/B0) covered by 5 years warranty Luminaire housing stable housing design, made of aluminium die-cast and UV resistant plastics minimised ring thickness of only 2 mm for homogeneous appearance in the ceiling ring colour white, RAL 9016 Operating and assembly technology LED driver to be ordered separately Driver suitable for connection to central battery systems Quick installation due to 2-point screw fixing Suitable for ceiling thicknesses of 12-25 mm (1-12 mm by using optional extension kit, Art.-No. 89081) Reflector with safety suspension Lamp Wattage: 16 W Colour Rendering Index: 98 Colour Temperature: 4000 K Luminaire Luminous Flux: 1180 Lm System Efficiency: 66 Lm/W Half-peak Divergence  $\alpha: 20^\circ$  Number Luminaires LZ: 0.10 Connector: Screw Connector, 3 x 1.5 mm2 Reflector Size: R08 Diameter D: 102 mm Cut-out CO: 95 mm Installation Depth RD: 95 mm Total Weight: 0.5 kg Degree of Protection IP20 CE-Sign Total system: Protection class 2 Data record AS1102001-30-40+83819R08-20\_16W

## Light output 1



### 1 x General service incandescent lamp

Nominal lamp power	18 W	LOR	100%
Lamp flux	1180 lm	Total flux	1180 lm
Luminous efficacy	66 lm/W	Total power	18 W
CCT	2700 K		
CRI	98		

## Mounting mode

Ceiling recessed

## Shape and measurements

Height: 3.74 in  
Diameter: 4.02 in

## Adjustability

Fixed

## Design

Color of housing: White

## Electric

System power: 18 W  
Appliance Class: II

## Protection

IP: 20