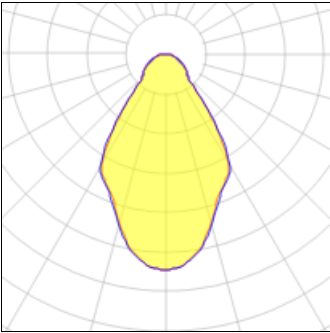# Product data sheet

ALPHABET SPECTRA RECESSED LUMINAIRE, DOWNLIGHT
AS1102001-30-30 + 83819R08-WT_11W
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IP 20

alphabet spectra LED 3000 K Recessed Luminaire, Light distribution direct Downlight Reflector white coated Product: AS1102001-30-30 Operating technology: independent driver required Lite Optic: 83819R08-WT Lite Optic Aluminium reflector, coated white Reflector with safety strap for easy installation Half-peak divergence α = 60° Light Technique CRI 98 (typ.), with R9≥90, R15≥95 highest colour consistency with 1x2 SDCM (initial), max. 3 SDCM covered by 5 years warranty constant colour temperature 3000 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: 11 W Colour Rendering Index: 98 Colour Temperature: 3000 K Luminaire Luminous Flux: 800 Llm System Efficiency: 67 Llm/W Half-peak Divergence α: 60° Number Luminaires LZ: 0.17 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 Degree of Protection IP20 CE-Sign Total system: Protection class 2 Data record AS1102001-30-30+83819R08-WT_11W

Light output 1

1 x General service incandescent lamp

Nominal lamp power	12 W	LOR	100%
Lamp flux	800 lm	Total flux	800 lm
Luminous efficacy	67 lm/W	Total power	12 W
CCT	3000 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: 12 W
Appliance Class: II

Protection

IP: 20