

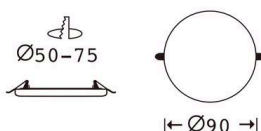
**MAAN**

**139-000109201105**

MAAN ROUND RECESSED CEILING LUMINAIRE made of synthetic, white, similar to RAL 9003, polycarbonate cover beam 118°, light output direct, without converter, max. 250mA, dimmability: see converter, IP44/IP20 light colour adjustable by means of DIP-SWITCH,



**SKETCH**



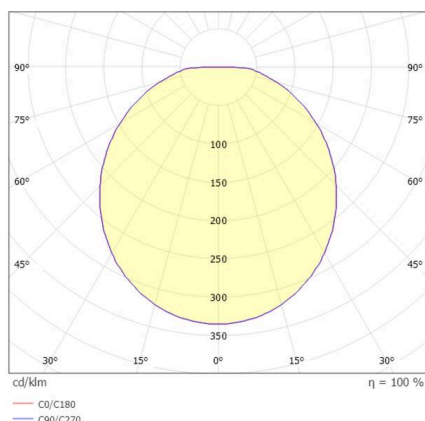
**TECHNICAL DETAILS**

Light source	LED 4,5W
Luminous flux [lm]	480/485/460
Current sec. [mA]	250
Colour temperature	2700K/3000K/4000K
CRI	>80
Optics	polycarbonate cover
Converter	without converter
Dimmability	see converter
Light emission area	direct
Beam angle	118°
Voltage	18 VDC
Height [mm]	16
Diameter [mm]	90
Ceiling cutout [mm]	50-75
Ceiling thickness [mm]	1-15
Mounting depth [mm]	50
IP protection class	IP44/IP20
IP protection class	protection cl. III
Material	synthetic
Colour of body	white
RAL	9003
Lifetime [h]	L80 B10 50 000
Energy efficiency class	D
Net weight [kg]	0.10
EAN number	9010506654974



Energy label

**LIGHT DISTRIBUTION CURVE**



The values are rated values. Power and luminous flux are initially subject to a tolerance of +/- 10%.  
 Colour temperature tolerance: +/- 150 K. The values apply to an ambient temperature of 25°C unless otherwise specified.