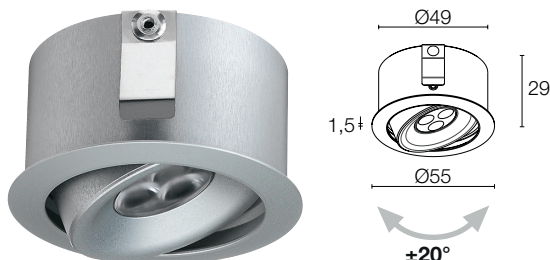
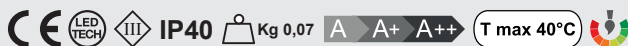




## Esem Mid 1.7

Indoor recessed / Incassi da interno



### Esem Mid 1.7

#### DESCRIPTION

Recessed downlight for indoor applications; recessed (ceiling, wall); body and trim in anodized aluminium alloy EN AW 6026. screen in PMMA; finishes: anodized aluminium, white, black; 3 power LEDs; 3W - 24Vdc; includes 2x0,50 m single-core cables; lumen output at source: 309 lm (3000K); delivered lumen output: 220 lm (3000K); adjustable optics  $\pm 20^\circ$ : 11°, 22°, 30°, 20°x45°; LED colour: white - 2700K, 3000K, 4000K, 5000K; ingress protection: IP40; operating temperature: 0°C +45°C; max luminaire temperature: 40°C (Ta 25°C); photobiological safety: risk group 1 in accordance with EN62471:2006; appliance class: III; weight 0,09 kg; dimensions  $\varnothing 55 \times 29$  mm; cut-out size  $\varnothing 50$  mm; overall volume  $\varnothing 90 \times 80$  mm; dimming using a 24Vdc dimmer.

#### DESCRIZIONE

Incasso downlight da interno; a incasso (soffitto, parete); corpo e ghiera in alluminio anodizzato lega EN AW 6026, schermo in PMMA; finiture: alluminio anodizzato, bianco, nero; 3 power LED; 3W - 24Vdc; inclusi 2 cavi unipolari di 0,50 m; flusso sorgente: 309 lm (3000K); flusso emesso: 220 lm (3000K); ottiche orientabili  $\pm 20^\circ$ : 11°, 22°, 30°, 20°x45°; colore LED: bianco - 2700K, 3000K, 4000K, 5000K; grado di protezione: IP40; temperatura di esercizio: 0°C +45°C; temperatura max apparecchio: 40°C (Ta 25°C); sicurezza fotobiologica: gruppo rischio 1 secondo EN62471:2006; classe di isolamento III; peso 0,09 kg; dimensioni  $\varnothing 55 \times 29$  mm; volume tecnico per dissipazione:  $\varnothing 90 \times 80$  mm; dimmerazione disponibile mediante dimmer in linea 24Vdc.

**ELECTRICAL FEATURES / CARATTERISTICHE ELETTRICHE**

Power consumption <i>Potenza assorbita</i>	3W
Power supply <i>Alimentazione</i>	24Vdc
Power supply unit <i>Alimentatore</i>	not included <i>non incluso</i>
Dimming <i>Dimmerazione</i>	whit dimmer (optional) online 24Vdc <i>con dimmer (opzionale) in linea 24Vdc</i>
Connection <i>Collegamento</i>	parallel <i>in parallelo</i>

**LIGHTING FEATURES / CARATTERISTICHE ILLUMINOTECNICHE**

No. and type of LED / <i>N° e tipo di LED</i>	3 power LEDs
Average LED life / <i>Duratura media LED</i>	80% after 50.000 h
LED colour <i>Colore LED</i>	white: 2700K, 3000K, 4000K, 5000K <i>bianco: 2700K, 3000K, 4000K, 5000K</i>
CRI <i>Indice resa cromatica CRI</i>	>80
Binning <i>Selezione</i>	1/4 ANSI BIN
Optics <i>Ottiche</i>	adjustables $\pm 20^\circ$ : 11°, 22°, 30°, 20°x45° <i>orientabili <math>\pm 20^\circ</math>: 11°, 22°, 30°, 20°x45°</i>
Lumen output at source <i>Flusso sorgente</i>	309 lm (3000K)
Total delivered lumens <i>Flusso totale apparecchio</i>	220 lm (3000K, 22°)

**MECHANICAL FEATURES / CARATTERISTICHE MECCANICHE**

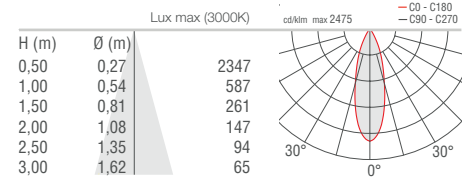
Dimensions / <i>Dimensioni</i>	$\varnothing 55 \times 29$ mm
Weight / <i>Peso</i>	0,09 kg
Finishes <i>Finiture</i>	anodized aluminium, white RAL 9003, black RAL 9005 <i>alluminio anodizzato, bianco RAL 9003, nero RAL 9005</i>
Installation <i>Fissaggio</i>	recessed with springs <i>incasso con molle</i>
Trim material <i>Materiale ghiera</i>	anodized aluminium alloy EN AW 6026 <i>alluminio anodizzato lega EN AW 6026</i>
Body material <i>Materiale corpo</i>	anodized aluminium alloy EN AW 6026 <i>alluminio anodizzato lega EN AW 6026</i>
Cut-out size / <i>Foro d'incasso</i>	$\varnothing 50$ mm
Overall volume / <i>Volume tecnico per dissipazione</i>	$\varnothing 90 \times 80$ mm

**GENERAL FEATURES / CARATTERISTICHE GENERALI**

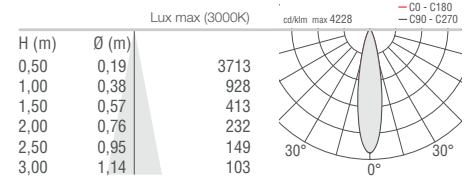
Operating temperature / <i>Temperatura di esercizio</i>	from 0°C to +45°C
Ingress protection / <i>Grado di protezione</i>	IP40
Impact resistance / <i>Grado di resistenza</i>	-
Energy efficiency class <i>Classe di consumo energetico</i>	A/A+/A++ (built-in LED lamps) in accordance with EU 874/2012 <i>A/A+/A++ (modulo LED integrato) in accordo con UE 874/2012</i>
Glow wire test / <i>Glow wire test</i>	-
Max luminaire temperature <i>Temperatura max apparecchio</i>	Max 40°C (Ta 25°C)
Appliance class / <i>Classe di isolamento</i>	class III / <i>classe III</i>
Walkover / <i>Calpestabile</i>	no
Drive-over / <i>Carrabile</i>	no
Power cables <i>Cavi di alimentazione</i>	includes 2x0,50 m single-core cables <i>inclusi 2 cavi unipolari di 0,50 m</i>
Standard safety <i>Sicurezza standard</i>	-
Photobiological safety <i>Sicurezza fotobiologica</i>	risk group 1 in accordance with EN62471:2006 <i>gruppo rischio 1 secondo EN62471:2006</i>

**PHOTOMETRIC DATA  
DATI FOTOMETRICI**

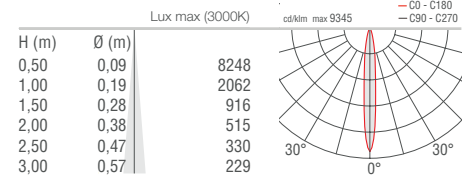
**L - 30°**



**M - 22°**



**S - 11°**



**W - 20°x45°**

