



GOLEA SQ LED RECESSED

DESCRIPTION

GOLEA SQ is an adjustable square shape lighting luminaire with aluminium injection body and CoB LED light source inside. GOLEA SQ has a high efficient aluminium reflector which allows well light beam control and high lumen output ratio with low glare.

GOLEA SQ is able to be controlled via DALI protocol and wirelessly control as optional. It is also possible to integrate emergency conversion modules as 1 hour or 3 hours backup time depends on project application field.

GOLEA SQ can be used in projects such as offices, art galleries, museums, hotels, retail stores, educational facilities, hospitals...etc.

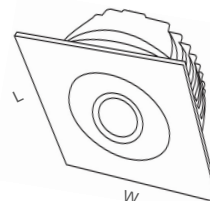
Item code	SPT14
Application type	Indoor applications
Category	Recessed downlight
Product family	GOLEA
Subcategory	GOLEA SQ
Material	Luminaire body made of aluminium injection body with electrostatic powder paint.
Optical system	High efficient aluminium reflector and transparent protection glass. Beam angle is 38°
Mounting options	Plasterboard, metal and other suspended ceilings.
Accessories	
Optional	
3HEM	3 hours emergency conversion module
BCC	Compatible for iBeacon version
RMT	Wireless control module(BLE)

Dimensions

Product dimensions (mm)	W108 x L108 / H75
Ceiling cutting dimensions (mm)	Ø290

Schematic

Product drawings



Product	SPT14
Real power (W)	8.5/11/13
Real lumen output (Lm)	1080/1200/1440
Light output ratio LOR (%)	92%
Efficacy (Lm/W)	110
Beam angle (°)	38°
Lifespan (h)	50000
IP rate	IP20/IP40/IP44/IP54
IK rate	IK04
Isolation class	Class 2
Photobiological risk group	RG0 (no risk)
Diffuser/Optical constituent	Reflector
Ambient operating temperature	0°C, +35°C
Electrical feeding	220..240VAC, 50/60Hz
Body colour options (RAL)	9005 9006 7016 9016 + any RAL
Energy efficiency class	A+

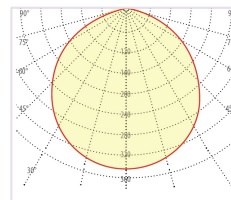
Driver/Power Supply

Driver included	Yes
Driver type	Electronic driver
Flicker free	Yes

Light source included	Yes
Light source type	LED
LED type	CoB
Nominal power (W)	8/10/12
Total lumen (Lm)	1175/1305/1565
CCT (K)	2700/3000/4000
MacAdam (SDCM)	3
Colour rendering index (CRI, Ra)	>80

Photometry

Light distribution



PRODUCT SELECTION

ORDER CODE	POWER (W)	LUMEN (lm)	CCT (K)	CRI (Ra)	BODY FORM	BODY COLOUR	IP	MOUNTING	CONTROL TYPE	WXL (mm)	CUTOUT (mm)	H (mm)
SPT14.01.4.1.27R11SW	8W	1080	2700K	>80	SQUARE	WHITE	IP20	RECESSED	ON-OFF	108x108	90	75
SPT14.01.4.1.27R12SW	8W	1080	2700K	>80	SQUARE	BLACK	IP20	RECESSED	ON-OFF	108x108	90	75
SPT14.01.4.1.27R11DA	8W	1080	2700K	>80	SQUARE	WHITE	IP20	RECESSED	DALI	108x108	90	75
SPT14.01.4.1.27R12DA	8W	1080	2700K	>80	SQUARE	BLACK	IP20	RECESSED	DALI	108x108	90	75
SPT14.01.4.1.30R11SW	8W	1080	3000K	>80	SQUARE	WHITE	IP20	RECESSED	ON-OFF	108x108	90	75
SPT14.01.4.1.30R12SW	8W	1080	3000K	>80	SQUARE	BLACK	IP20	RECESSED	ON-OFF	108x108	90	75
SPT14.01.4.1.30R11DA	8W	1080	3000K	>80	SQUARE	WHITE	IP20	RECESSED	DALI	108x108	90	75
SPT14.01.4.1.30R12DA	8W	1080	3000K	>80	SQUARE	BLACK	IP20	RECESSED	DALI	108x108	90	75
SPT14.01.4.2.27R11SW	10W	1200	2700K	>80	SQUARE	WHITE	IP20	RECESSED	ON-OFF	108x108	90	75
SPT14.01.4.2.27R12SW	10W	1200	2700K	>80	SQUARE	BLACK	IP20	RECESSED	ON-OFF	108x108	90	75
SPT14.01.4.2.27R11DA	10W	1200	2700K	>80	SQUARE	WHITE	IP20	RECESSED	DALI	108x108	90	75
SPT14.01.4.2.27R12DA	10W	1200	2700K	>80	SQUARE	BLACK	IP20	RECESSED	DALI	108x108	90	75
SPT14.01.4.2.30R11SW	10W	1200	3000K	>80	SQUARE	WHITE	IP20	RECESSED	ON-OFF	108x108	90	75
SPT14.01.4.2.30R12SW	10W	1200	3000K	>80	SQUARE	BLACK	IP20	RECESSED	ON-OFF	108x108	90	75
SPT14.01.4.2.30R11DA	10W	1200	3000K	>80	SQUARE	WHITE	IP20	RECESSED	DALI	108x108	90	75
SPT14.01.4.2.30R12DA	10W	1200	3000K	>80	SQUARE	BLACK	IP20	RECESSED	DALI	108x108	90	75
SPT14.01.4.3.27R11SW	12W	1440	2700K	>80	SQUARE	WHITE	IP20	RECESSED	ON-OFF	108x108	90	75
SPT14.01.4.3.27R12SW	12W	1440	2700K	>80	SQUARE	BLACK	IP20	RECESSED	ON-OFF	108x108	90	75
SPT14.01.4.3.27R11DA	12W	1440	2700K	>80	SQUARE	WHITE	IP20	RECESSED	DALI	108x108	90	75
SPT14.01.4.3.27R12DA	12W	1440	2700K	>80	SQUARE	BLACK	IP20	RECESSED	DALI	108x108	90	75
SPT14.01.4.3.30R11SW	12W	1440	3000K	>80	SQUARE	WHITE	IP20	RECESSED	ON-OFF	108x108	90	75
SPT14.01.4.3.30R12SW	12W	1440	3000K	>80	SQUARE	BLACK	IP20	RECESSED	ON-OFF	108x108	90	75
SPT14.01.4.3.30R11DA	12W	1440	3000K	>80	SQUARE	WHITE	IP20	RECESSED	DALI	108x108	90	75
SPT14.01.4.3.30R12DA	12W	1440	3000K	>80	SQUARE	BLACK	IP20	RECESSED	DALI	108x108	90	75