

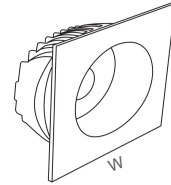


**Dimensions**

Product dimensions (mm)	W97/147/195 x L97/147/195
Ceiling cutting dimensions (mm)	H70/75/85

**Schematic**

**Product drawings**



**QUAD R SQUARE LED RECESSED**

**DESCRIPTION**

QUAD R has a square shape lighting luminaire with aluminium injection body and CoB LED light source inside. QUAD R has a high efficient aluminium reflector which allows well light beam control and high lumen output ratio with low glare on task areas.

QUAD R 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.

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

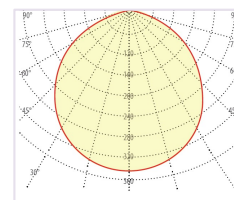
<b>Item code</b>	SPT23
<b>Application type</b>	Indoor applications
<b>Category</b>	Recessed downlight
<b>Product family</b>	QUAD
<b>Subcategory</b>	QUAD R
<b>Material</b>	Luminaire body made of aluminium injection body with electrostatic powder paint.
<b>Optical system</b>	High efficient aluminium reflector and transparent protection glass. Beam angle is 24°, 38
<b>Mounting options</b>	Plasterboard, metal and other suspended ceilings.
<b>Accessories</b>	
<b>Optional</b>	
<b>3HEM</b>	3 hours emergency conversion module
<b>BCC</b>	Compatible for iBeacon version
<b>RMT</b>	Wireless control module(BLE)

<b>Product</b>	SPT23
<b>Real power (W)</b>	7.5/14/19.5
<b>Real lumen output (Lm)</b>	700/1300/1800
<b>Light output ratio LOR (%)</b>	90%
<b>Efficacy (Lm/W)</b>	90
<b>Beam angle (°)</b>	24°/38°
<b>Lifespan (h)</b>	50000
<b>IP rate</b>	IP20/IP40
<b>IK rate</b>	IK04
<b>Isolation class</b>	Class 2
<b>Photobiological risk group</b>	RG0 (no risk)
<b>Diffuser/Optical constituent</b>	Reflector
<b>Ambient operating temperature</b>	0°C, +35°C
<b>Electrical feeding</b>	220..240VAC, 50/60Hz
<b>Body colour options (RAL)</b>	<div style="display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 2px; margin-right: 5px;">9005</div> <div style="border: 1px solid black; padding: 2px; margin-right: 5px;">9006</div> <div style="border: 1px solid black; padding: 2px; margin-right: 5px;">7016</div> <div style="border: 1px solid black; padding: 2px; margin-right: 5px;">9016</div> <div style="margin-left: 5px;">+ any RAL</div> </div>

<b>Energy efficiency class</b>	A+
<b>Driver/Power Supply</b>	
<b>Driver included</b>	Yes
<b>Driver type</b>	Electronic driver
<b>Flicker free</b>	Yes
<b>Light source included</b>	Yes
<b>Light source type</b>	LED
<b>LED type</b>	CoB
<b>Nominal power (W)</b>	7/13/18
<b>Total lumen (Lm)</b>	780/1445/2000
<b>CCT (K)</b>	2700/3000/4000
<b>MacAdam (SDCM)</b>	3
<b>Colour rendering index (CRI, Ra)</b>	>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)
SPT23.01.4.1.27R11SW	7W	700	2700K	>80	SQUARE	WHITE	IP20	RECESSED	ON-OFF	97x97	85	70
SPT23.01.4.1.27R12SW	7W	700	2700K	>80	SQUARE	BLACK	IP20	RECESSED	ON-OFF	97x97	85	70
SPT23.01.4.1.27R11DA	7W	700	2700K	>80	SQUARE	WHITE	IP20	RECESSED	DALI	97x97	85	70
SPT23.01.4.1.27R12DA	7W	700	2700K	>80	SQUARE	BLACK	IP20	RECESSED	DALI	97x97	85	70
SPT23.01.4.1.30R11SW	7W	700	3000K	>80	SQUARE	WHITE	IP20	RECESSED	ON-OFF	97x97	85	70
SPT23.01.4.1.30R12SW	7W	700	3000K	>80	SQUARE	BLACK	IP20	RECESSED	ON-OFF	97x97	85	70
SPT23.01.4.1.30R11DA	7W	700	3000K	>80	SQUARE	WHITE	IP20	RECESSED	DALI	97x97	85	70
SPT23.01.4.1.30R12DA	7W	700	3000K	>80	SQUARE	BLACK	IP20	RECESSED	DALI	97x97	85	70
SPT23.01.4.2.27R11SW	13W	1300	2700K	>80	SQUARE	WHITE	IP20	RECESSED	ON-OFF	147X147	130	75
SPT23.01.4.2.27R12SW	13W	1300	2700K	>80	SQUARE	BLACK	IP20	RECESSED	ON-OFF	147X147	130	75
SPT23.01.4.2.27R11DA	13W	1300	2700K	>80	SQUARE	WHITE	IP20	RECESSED	DALI	147X147	130	75
SPT23.01.4.2.27R12DA	13W	1300	2700K	>80	SQUARE	BLACK	IP20	RECESSED	DALI	147X147	130	75
SPT23.01.4.2.30R11SW	13W	1300	3000K	>80	SQUARE	WHITE	IP20	RECESSED	ON-OFF	147X147	130	75
SPT23.01.4.2.30R12SW	13W	1300	3000K	>80	SQUARE	BLACK	IP20	RECESSED	ON-OFF	147X147	130	75
SPT23.01.4.2.30R11DA	13W	1300	3000K	>80	SQUARE	WHITE	IP20	RECESSED	DALI	147X147	130	75
SPT23.01.4.2.30R12DA	13W	1300	3000K	>80	SQUARE	BLACK	IP20	RECESSED	DALI	147X147	130	75
SPT23.01.4.3.27R11SW	18W	1800	2700K	>80	SQUARE	WHITE	IP20	RECESSED	ON-OFF	195X195	180	85
SPT23.01.4.3.27R12SW	18W	1800	2700K	>80	SQUARE	BLACK	IP20	RECESSED	ON-OFF	195X195	180	85
SPT23.01.4.3.27R11DA	18W	1800	2700K	>80	SQUARE	WHITE	IP20	RECESSED	DALI	195X195	180	85
SPT23.01.4.3.27R12DA	18W	1800	2700K	>80	SQUARE	BLACK	IP20	RECESSED	DALI	195X195	180	85
SPT23.01.4.3.30R11SW	18W	1800	3000K	>80	SQUARE	WHITE	IP20	RECESSED	ON-OFF	195X195	180	85
SPT23.01.4.3.30R12SW	18W	1800	3000K	>80	SQUARE	BLACK	IP20	RECESSED	ON-OFF	195X195	180	85
SPT23.01.4.3.30R11DA	18W	1800	3000K	>80	SQUARE	WHITE	IP20	RECESSED	DALI	195X195	180	85
SPT23.01.4.3.30R12DA	18W	1800	3000K	>80	SQUARE	BLACK	IP20	RECESSED	DALI	195X195	180	85