

Catherina^S Specification sheet

We reserve the right to alter specification without prior notice.

Catherina ^S Specification	
Lumen output	>500 lm (>400 Lux @ 0,5 m)
System efficiency (lm/W)	>50
CCT Correlated Color temperature	Neutral white 4000 K \pm 250 K (other CCTs on request, available 3000 K, 5600 K)
Lifetime	More than 50,000 hours (L70, drop to 70% light flux)
Supply voltage	Regulated 24 V dc \pm 5% , 2.1 mm dc plug (+ inlet terminal)
Standby consumption	<0,05 W @ 24 V dc, <0,35 W @ 230 V ac
Power consumption	10 W max @ 24 V dc (<12 VA with supplied wall plug adapter @ 230 V ac)
Light intensity control	Electronic, 250 steps with non-volatile memory storage with flickering elimination, dimming functionality with implemented gamma correction for visual comfort
End of range indication	Flashing effect, when reaching the min or max border
Ambient light threshold	SmartAmbient – consequent activation of both + and – buttons for one second will activate threshold ambient setting. Ambient light value (1 - 200 Lux) stored into non-volatile memory storage, insensitive to power loss
Electronic controls	INC, DEC, INC+DEC = SmartAmbient
Proximity detector	High quality passive Infrared Detector, detection range 0 - 5 m
Environmental	
Ambient Temperature	0-35°C
IP Class	IP20 (indoor use only)
Storage Temperature	-10 to 80°C
Relative humidity	Up to 90%
Physical	
Housing color	Aluminum natural (anodized)
Installation	Mechanical by screws or 3M both sided adhesive tape thick 0,5 mm
Dimensions (max)	50 x 16 x 420 mm (tolerance: \pm 5%), Profile height only 10 mm
Weight	0,17 kg (without ac-dc adapter and packaging)
Warranty period	5 years (wall plug adapter 2 Years)

**Warning: supplying voltages higher than 26 V may destroy the luminaire.
Use only certified adapters with nominal voltage 24 V and current rating above 0,5 A**



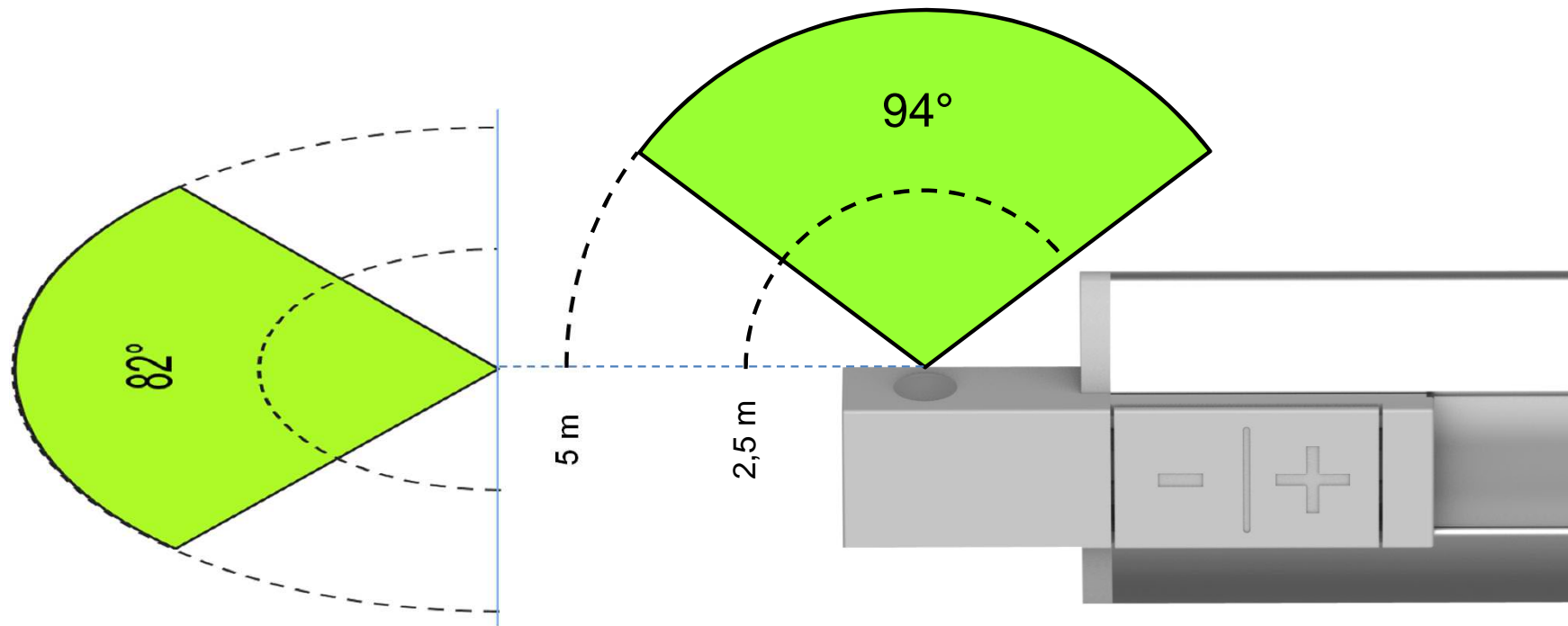
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Catherina^S Specification, motion detection

Detection Range: Max. 5m
 Detection Area Horizontal: 94° ($\pm 47^\circ$)
 Detection Area Vertical: 82° ($\pm 41^\circ$)
 Detection Zones: 64 zones



Principle: PIR (passive infrared) sensor detects changes in infrared radiation which occur when there is movement by a person (or object) which is different in temperature from the surroundings. As this sensor detects temperature differences, it is well suited to detecting the motion of people by their body temperatures. It offers wide sensing area



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