

# 150mm IR Sensor Tap

TSL.884

The TSL.884 IR Sensor Tap features a sleek wall mounted spout with accompanying sensor housing and is available in a range of finishes.

Finish	Codes	LRV*
● Satin	TSL.884.CS	51
● Black	TSL.884.BK	3
● Brass	TSL.884.BR	40
● Copper	TSL.884.CP	19
● Chrome	TSL.884.C	58

Light Reflectance Value\*

**+ Satin**



**+ Black**



**+ Brass**



**+ Satin**



**+ Copper**



## Technical Data

Body Material	AISI 304 Stainless Steel
Coating Type	PVD (colours only)
Aerator	Cascade
Water Pressure (Dynamic)	0.5 to 7.5 Bar [0.05 to 0.75MPa]
Water Temperature (max)	60°C
Flow Rates	0.5gpm [1.9L/min]
Also available:	0.35gpm [1.3L/min] – refer to Spare Parts & Accessories 1.00gpm [3.8L/min] – refer to Spare Parts & Accessories
Power supply	TSL.884 110-230 Vac, 50-60Hz, 1.5A TSL.886 6 V CR-P2 Lithium battery
Output (max)	6 Vdc, 1A
Power consumption	< 87% Active mode, 0.3W No load
Solenoid valve type	6V Latching
Water Ingress	IP55
Cable lengths	800mm – Power supply connection 800mm – Solenoid valve connection
Sensor type	Infrared
Pre-set sensor range	220mm
Sensor range (max)	250mm
Comfort delay	2 sec
Security time-out	30 sec
Operating Temperature	0 to 50°C
Response Time (max)	0.3 - <1 sec

## Installation requirements

Wall Cut-out Hole Size	Ø16mm (Spigot)
Depth of Wall Cavity (min)	Ø40mm (Sensor Housing)
Wall Thickness (max)	100mm
Plumbing Connection	50mm (incl. finishes)
Power supply cable	½" BSP (female) brass fitting is required to connect to the solenoid valve housing To be hard wired in to fused connection unit (FCU) or spur
Water supply	1.0 Bar is the recommended minimum pressure for the taps to operate effectively. 7.5 Bar is the maximum pressure for commissioning and is NOT recommended for general use. Gravity-fed systems may require a booster pump to achieve the optimal operating pressure All pipework must be thoroughly cleaned and clear of any debris before connecting the tap.
Washroom layout	Solenoid valve must be accessible for installation, commissioning and ongoing maintenance. Avoid installing the sensor tap directly opposite other sensor taps, soap dispensers, infrared devices or reflective surfaces. Careful consideration should be made when choosing the positioning of lighting and other reflective surfaces which may affect sensor performance.

## Compliance & certificates

BREEAM, LEED	
WRAS	Certificate No 1809302
EMC compliance	Electromagnetic compatibility directive 2004/108/CE, and Low Voltage 2006/95/CR

## Included

150mm IR Sensor Tap

Aerator key

Collar

Gasket (Collar)

Anti-rotation washer (Spigot)

Locking nut (Spigot)

Elbow fitting

Inlet tubing

Solenoid valve cable

Solenoid valve assembly

Sensor Housing

Gasket (Sensor Housing)

Anti-rotation washer (Sensor Housing)

Locking nut (Sensor Housing)

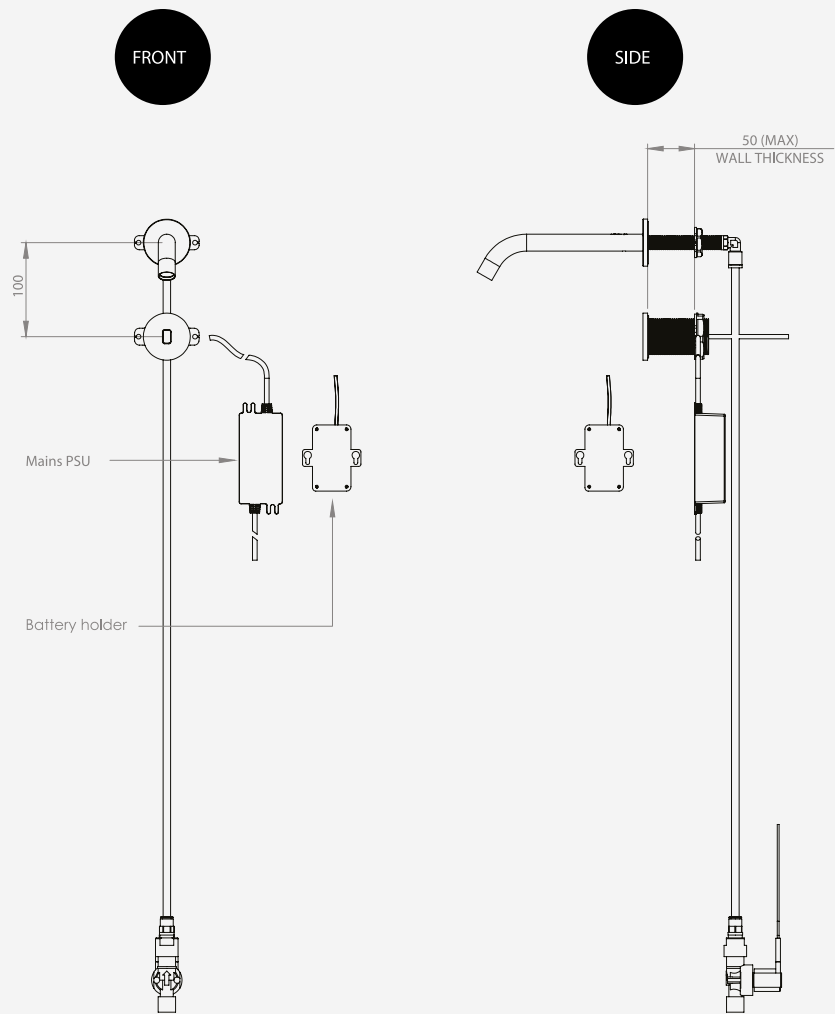
Power Supply

IR Sensor

## Warranty

1 Year limited - unlimited digital support

## + Technical drawing



## Spare parts

If a situation arises where you require replacement components outside of a maintenance contract, there may be provision to obtain spare parts. Providing the components are under warranty and the parts have become non-functioning during normal use within their assumed usable life, they may be replaced. Should a replacement mains power supply be required it is imperative that an identical type is used. Contact **The Splash Lab** for further information.

Part	Codes
Long Range IR Sensor	TSLP.260045
Solenoid Valve	TSLP.120030

## Related products



**Wall Mounted Manual Soap Dispenser**  
TSL.470



**Wall Mounted Sensor Soap Dispenser**  
TSL.467