

# Recessed Spotlight G1 5W



DATA SHEET

IP20/IP65



The luminaire is not suitable for covering  
with thermally insulating material



## Product information

The TUNGSRAM Recessed Spotlight G1 5W range has functional and minimalistic design with fix and adjustable versions. These LED Spotlights are ideal for small areas to make your ceilings seem higher, or when you are looking for directional lighting. Never was the installations easier and quicker with these products. The Recessed Spotlight G1 5W range offers all the benefits of LED lighting to our customers – fresh light quality, reduced energy consumption and less maintenance.

## Benefits

- Ideal replacement for Halogen spotlights
- High luminous efficacy
- 75% energy saving compared to 35W Halogen MR16
- Tilting head to adjust light beam where needed +/-13°
- Affordable solution for retrofit or new installations
- Reduced replacement and maintenance costs
- Healthy – UV-free & IR-free

## Fixture structure

- Integrated polycarbonate lens and die-casting aluminum housing to exhibit desired lighting effect with high efficacy
- Output short circuit protection for fault condition
- Wire spring leaf for secure installation
- Suitable for 72mm cut-out size, ceiling thickness is 5-15mm

## Features

- High efficiency: up to 84 lm/w
- 20 000 hours lifetime (L70)
- Nominal Voltage: 220-240V
- Operating frequency: 50Hz
- 2 color temperatures: 3000, 4000K
- Color rendering index: CRI 80+
- Beam angle: 36°
- Operation temperature: -10°C to +40°
- Samsung LED chip
- Available in adjustable IP20 or fix IP65 version
- More shape options: round and square
- Static or Triac dimmable version
- Compatible with most Triac / leading edge dimmers\*
- Simple recessed mounting in the ceiling
- Integrated driver solution
- Loop-in loop-out connection

## Application areas



Retail



Hospitality



Office



General lighting/  
Residential

## Specification summary

Product Code	Product Code (DS)	Description	Wattage (W)	Lumen (lm)	Efficiency (lm/W)	Power Factor	Shape	Fix / Adjustable	CCT (K)	IP	Dimmable
93100364	TBD	LED Spotlight G1 TU WRA IP20 5W 830 S	5	380	76	0.5	Round	Adjustable	3000	20	No
93100365	TBD	LED Spotlight G1 TU WRA IP20 5W 830 T	5	380	76	0.8	Round	Adjustable	3000	20	Yes
93100526	93103754	LED Spotlight G1 TU WRA IP20 5W 840 S	5	400	80	0.5	Round	Adjustable	4000	20	No
93100527	93103755	LED Spotlight G1 TU WRA IP20 5W 840 T	5	400	80	0.8	Round	Adjustable	4000	20	Yes
93100528	TBD	LED Spotlight G1 TU WRF IP65 5W 830 S	5	380	76	0.5	Round	Fix	3000	65	No
93100529	TBD	LED Spotlight G1 TU WRF IP65 5W 830 T	5	380	76	0.8	Round	Fix	3000	65	Yes
93100530	93103756	LED Spotlight G1 TU WRF IP65 5W 840 S	5	400	80	0.5	Round	Fix	4000	65	No
93100531	93103757	LED Spotlight G1 TU WRF IP65 5W 840 T	5	400	80	0.8	Round	Fix	4000	65	Yes
93100532	TBD	LED Spotlight G1 TU WSA IP20 5W 830 S	5	380	76	0.5	Square	Adjustable	3000	20	No
93100533	TBD	LED Spotlight G1 TU WSA IP20 5W 830 T	5	380	76	0.8	Square	Adjustable	3000	20	Yes
93100534	93103758	LED Spotlight G1 TU WSA IP20 5W 840 S	5	400	80	0.5	Square	Adjustable	4000	20	No
93100535	93103759	LED Spotlight G1 TU WSA IP20 5W 840 T	5	400	80	0.8	Square	Adjustable	4000	20	Yes
93100536	TBD	LED Spotlight G1 TU WSF IP65 5W 830 S	5	380	76	0.5	Square	Fix	3000	65	No
93100537	TBD	LED Spotlight G1 TU WSF IP65 5W 830 T	5	380	76	0.8	Square	Fix	3000	65	Yes
93100538	93103760	LED Spotlight G1 TU WSF IP65 5W 840 S	5	400	80	0.5	Square	Fix	4000	65	No
93100539	93103761	LED Spotlight G1 TU WSF IP65 5W 840 T	5	400	80	0.8	Square	Fix	4000	65	Yes

## Common attributes

**Rated life:** 20 000 hours

**Replacement for halogen:** 1x35W

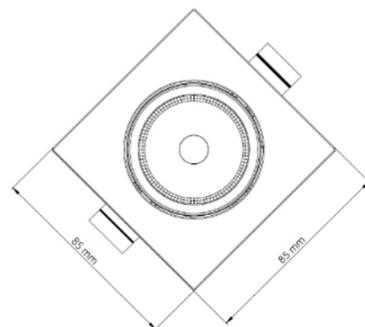
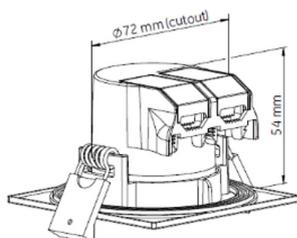
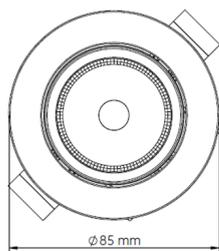
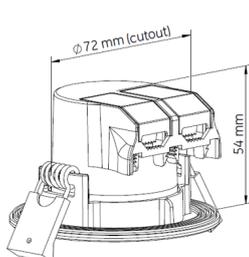
## Regulatory and standards

**Regulatory mark:** CE

**Regulations:** 2014/35/EU, 2014/30/EU, 2011/65/EU, (framework 2009/125/EC) EU/1194/2012 amended by EU 2015/1428, (framework 2010/30/EC) 874/2012 and 518/2014\*, 2012/19/EU\*

**Harmonised standards:** EN 60598, EN 62493, EN 61547, EN55015, EN 61000, refer to CE Declaration of Conformity and Technical File for details  
\*not on DOC

## Dimensions (mm)



Type	Shape	Fix / Adjustable	Size	Outer size (mm)	Height (mm)	Cut-out hole (mm)	Weight (kg) with driver
xxxWRAxxx	Round	Adjustable	Ø85*54 mm	Ø85mm	54mm	72mm	0.117
xxxWRFxxx	Round	Fix	Ø85*54 mm	Ø85mm	54mm	72mm	0.110
xxxWSAxxx	Square	Adjustable	85*85*54 mm	85*85mm	54mm	72mm	0.126
xxxWSFxxx	Square	Fix	85*85*54 mm	85*85mm	54mm	72mm	0.118

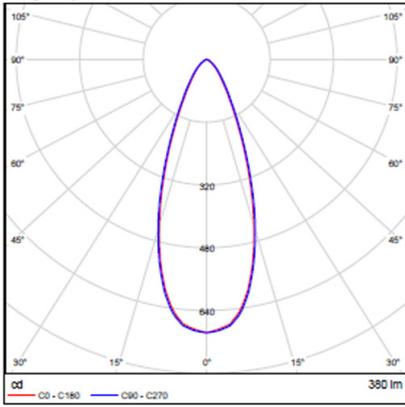


Round ADJUSTABLE version IP20 (WRA)

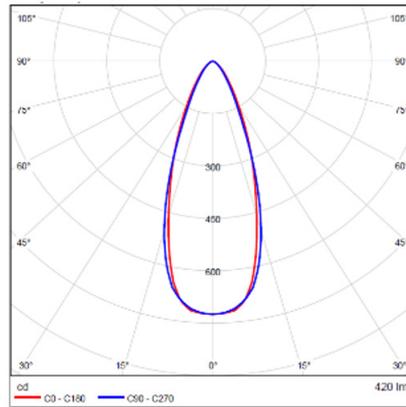


Round FIX version IP65 (WRF)

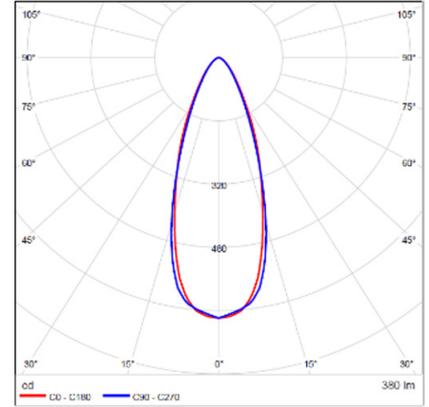
## Photometric data



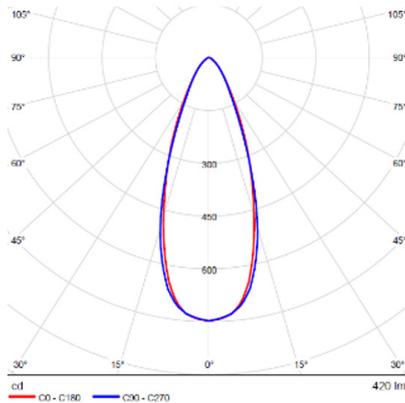
WRA/WSA IP20 5W 830 Triac



WRA/WSA IP20 5W 840 Triac



WRA/WSA IP65 5W 830 Static



WRA/WSA IP65 5W 840 Static

Photometry is based on LM79

## Ordering information

Internal Code	Generation	Brand	Rim color	Rim shape	Diffuser	IP rating	System Wattage	CRI	CCT	Dimming	Shipment
<b>LED Spotlight</b>	<b>G1 -</b> Generation 1	<b>TU -</b> TUNGSRAM	<b>W -</b> White	<b>R -</b> Round <b>S -</b> Square	<b>F -</b> Fixed <b>A -</b> Adjustable	<b>IP65</b> <b>IP20</b>	<b>5W</b>	<b>8 -</b> 80 CRI	<b>30 -</b> 3000K <b>40 -</b> 4000K	<b>S -</b> Static <b>T -</b> Triac	<b>DS -</b> Direct Shipment

### Example1: LED Spotlight G1 TU WRA IP20 5W 830 S

IP20 rated adjustable 5W Recessed Spotlight with white round bezel, non dimmable, 3000K CCT

### Example2: LED Spotlight G1 TU WRA IP65 5W 830 T

IP65 rated adjustable 5W Recessed Spotlight with white round bezel, Triac dimmable, 3000K CCT