



# OPTITECH™

## LED Shop Light

RGS SERIES



powerful,  
versatile  
& energy efficient

OptiTech LED Rectangular Adjustable Shop Lights are a powerful, versatile & energy efficient alternative or replacement for tradition halogen down lights.

UP TO  
**80%**  
MORE EFFICIENT\*

**50,000 HOURS**  
RATED LED LIFE



### FEATURES

5 Years Warranty

Accepted for use in energy savings projects under ESS & VEET programs

Up to 80% more efficient than equivalent halogen or metal halide

Uses Samsung LED (LM-80-08 Certified) chips

Available in 20W, 28W, 38W 48W & 60W

Comes in three ceiling cut-out sizes 227mm x 130mm, 215mm x 125mm or 270mm x 170mm# plus L-Bracket (Optional)

Uses the latest in Surface-mount LED (SMD) technology

Australian & New Zealand Standards certification & approval

Adjustable from 0° to 60°

Three colour temperature options available 3500°K, 4000°K & 5500°K

# Using optional 270mm x 170mm cut-out Adaptor Plate

### BENEFITS

Longer operating life and significantly less maintenance

Eligible for energy savings scheme certificates in NSW and Vic.

Reduced energy and maintenance costs

Reliable state-of-the-art technology

Powerful and a size for most applications

Can generally be installed into existing cut-outs thereby reducing unnecessary installation costs

High light output with reduced size

Safe and compliant for use in Australia & New Zealand

Moves a full 60° delivering light to the desired location

A colour temperature for most lighting applications

FITTED WITH THE  
**LATEST**  
LM-80-08  
CERTIFIED LED'S

\* When compared with equivalent halogen or metal halide luminaires.

*Lighting solutions that don't cost the earth*

# OptiTech LED Shop Light

RGS Series

## SPECIFICATIONS

Model	OPT-OBRGS -20W	OPT-OBRGS -28W	OPT-OBRGS -38W	OPT-OBRGS -48W	OPT-OBRGS -60W
Rated Power	20W	28W	38W	48W	60W
Suggested Replacement for Fluorescent	≤ 75W	75 - 100W	100 - 150W	150 - 200W	200 - 400W
Input Power Supply	240V/50Hz				
Power Factor	≥ 0.90				
LED Brand	Samsung				
Rated Luminous Flux at 5500°K	2,400 lm	3,350 lm	4,520 lm	5,750 lm	7,200 lm
Colour Temperature	3000°K / 4000°K / 5500°K				
Colour Rendering index (CRI)	Ra85				
Luminous Efficacy	120 lm/W				
Beam Angle	120°				
Operating Temperature Range	-40°C to 50°C				
Operating Humidity	< 95%				
Ingress Protection Rating	IP20				
Dimmable	No				
Power Cord (1.5m) & Plug	Yes				
Adaptor Plate	Optional				
L Bracket	Optional				
Dimensions (l x w x d)	240 x 145 x 135mm			240 x 145 x 143mm	
Cut Out (l x w)	227 x 130mm			215 x 125mm	
Rated Operating Life	50,000 hrs				
Warranty	5 years				

## ORDERING INFORMATION

Model No.	Description
<b>OPT-OBRGS2-20W-30</b>	LED Rectangular Adjustable Shop Light (RGS Series) 20 Watt, 240 x 145 x 135mm complete with Driver, 1.5m power cord, plug & 3000°K LED
<b>OPT-OBRGS2-20W-40</b>	<i>Same as above with 4000°K LED</i>
<b>OPT-OBRGS2-20W-55</b>	<i>Same as above with 5500°K LED</i>
<b>OPT-OBRGS2-28W-30</b>	LED Circular Adjustable Shop Light (CGS Series) 28 Watt, 240 x 145 x 135mm complete with Driver, 1.5m power cord, plug & 3000°K LED
<b>OPT-OBRGS2-28W-40</b>	<i>Same as above with 4000°K LED</i>
<b>OPT-OBRGS2-28W-55</b>	<i>Same as above with 5500°K LED</i>
<b>OPT-OBRGS2-38W-30</b>	LED Circular Adjustable Shop Light (CGS Series) 38 Watt, 240 x 145 x 135mm complete with Driver, 1.5m power cord, plug & 3000°K LED
<b>OPT-OBRGS2-38W-40</b>	<i>Same as above with 4000°K LED</i>
<b>OPT-OBRGS2-38W-55</b>	<i>Same as above with 5500°K LED</i>
<b>OPT-OBRGS2-48W-30</b>	LED Circular Adjustable Shop Light (CGS Series) 48 Watt, 240 x 145 x 135mm complete with Driver, 1.5m power cord, plug & 3000°K LED
<b>OPT-OBRGS2-48W-40</b>	<i>Same as above with 4000°K LED</i>
<b>OPT-OBRGS2-48W-55</b>	<i>Same as above with 5500°K LED</i>
<b>OPT-OBRGS2-60W-30</b>	LED Circular Adjustable Shop Light (CGS Series) 60 Watt, 240 x 145 x 143mm complete with Driver, 1.5m power cord, plug & 3000°K LED
<b>OPT-OBRGS2-60W-40</b>	<i>Same as above with 4000°K LED</i>
<b>OPT-OBRGS2-60W-55</b>	<i>Same as above with 5500°K LED</i>
<b>OPT-OBRGS-ADP-1</b>	Adaptor Plate cut-out 270mm x 170mm (ID 230 x 130mm OD 280 x 180mm)
<b>OPT-OBRGS-ADP-L</b>	L-Bracket 100mm x 30mm x 10mm

†Special order, currently non-stocked item

**Product information:** The descriptors and illustrations in this publication apply to the specific products and models described as at the date of issue. Under our policy of continuous product development, product specifications may change without notice. Prospective purchasers should therefore check with their supplier to ensure this publication correctly describes the products that are being offered for sale. All information supplied is to be used for general reference purposes only and is on the understanding that OptiTech International Pty Ltd will not be liable for any loss, liability or damage of whatever kind arising as a result of reliance on such information. Colours of products illustrated are as close as printing limitations allow. OptiTech will at all times comply with its obligations pursuant to law including Trade Practices (Australian Consumer Law) Act and Regulations.

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## ACCESSORY

Adaptor Plate & L Bracket



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