

LED PANELS

EDITION FOUR



LED Panels



LED Panels

Our LED Panels combine efficiency, performance, and versatility for modern commercial spaces. Our panel range includes: back-lit, edge-lit, selectable wattage & CCT and low-glare designs. The Red Arrow panel range delivers high-quality, uniform lighting with flexible mounting solutions.

Optimum CCT

3CCT & Wattage Selectable UGR<19 TP(a) Back-Lit Panel

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Optimum

Wattage Selectble UGR<19 TP(a) Back-Lit Panel

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Panel Accessories

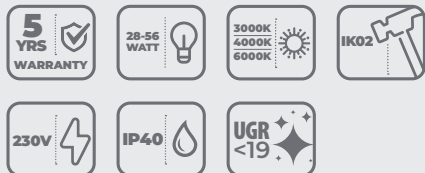
Surface Mounting & Suspension Kits

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OPTIMUM CCT

3CCT & WATTAGE SELECTABLE UGR<19 TP(a) BACK-LIT PANEL

Optimum CCT offers a convenient solution for many applications. This high efficacy back-lit panel features selectable CCT, so you can choose the most appropriate colour appearance. The Optimum CCT also includes selectable wattage, allowing the lumen output to be varied to suit each environment. With a high performance microprism diffuser all panels are UGR<19 compliant. Available in 1195 x 595mm and 595 x 595mm.



Features

- High efficacy of up to 130 lm/W
- TP(a) UGR19 diffuser as standard
- Simple selectable CCT - 3000K, 4000K & 6000K
- Selectable wattage
- Emergency options available



NEW
PRODUCT

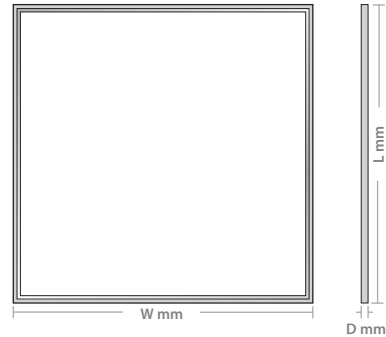


Specification

Material:	Body & Frame: Aluminium Diffuser: TP(a) Rated PS
Colour Temperature:	3000K 4000K 6000K
Colour Finish:	White RAL9003
CRI	Ra>80
LED Lifetime:	L80B50 50,000 Hours
IP Rating:	IP40
IK Rating:	IK02
Working Temperature:	-10°C to +40°C
Power Factor:	>0.9
Electrical Class:	Class II
Warranty:	5 Years

Dimensions

Product Code	Dimensions
OPT66-2836-CCT	L: 595 x W: 595 x D: 32 mm
OPT126-4856-CCT	L: 1195 x W: 595 x D: 32 mm



Product Code	Description	Wattage	Colour Temperature	Lumen Output	Efficacy
OPT66-2836-CCT	Optimum CCT & Wattage Selectable Panel TP(a) UGR<19	28W 32W 36W	3000K 4000K 6000K	3640lm 4160lm 4680lm	130lm/W
OPT126-4856-CCT	Optimum CCT & Wattage Selectable Panel TP(a) UGR<19	48W 52W 56W	3000K 4000K 6000K	6240lm 6760lm 7280lm	130lm/W

Optimum CCT Accessories

Product Code	Description	Emergency Battery Type
TITANX/4/KIT	Titan X Remote Emergency 4W	LiFePO4
TITANX/4/KIT/ST	Titan X Remote Emergency 4W Self Test	LiFePO4
RB/SUS	Suspension Kit 2pcs 1.8m Y Suspension	-

For details of Titan kits please see emergency section

OPTIMUM

WATTAGE SELECTABLE UGR<19 TP(a) BACK-LIT PANEL

Optimum back-lit panels offer a cost effective option for UGR<19 panels, featuring a TP(a) diffuser & 110lm/W efficacy. The high performance microprism diffuser is ideal to assist with projects that are required to achieve UGR<19 compliance. The Optimum can be converted into standard or Self Test Emergency using Red Arrow's Titan X Emergency Packs. Available in 595 x 595mm and 4000K as standard.



Features

- Wattage Selectable - 28W | 32W | 36W
- TP(a) UGR<19 diffuser as standard
- 595 x 595mm
- Emergency options available



Specification

Material:	Body & Frame: Aluminium Diffuser: TP(a) Rated PS
Colour Temperature:	4000K
Colour Finish:	White RAL9003
CRI	Ra>80
LED Lifetime:	L80B50 50,000 Hours
IP Rating:	IP40
IK Rating:	IK02
Working Temperature:	-10°C to 40°C
Power Factor:	>0.9
Electrical Class:	Class II
Warranty:	5 Years

Dimensions

Product Code	Dimensions
OPT66-2836-40	L: 595 x W: 595 x D: 32 mm



Product Code	Description	Wattage	Colour Temperature	Lumen Output	Efficacy
OPT66-2836-40	Optimum Wattage Selectable Panel TP (a) UGR<19	28W 32W 36W	4000K	3080lm 3520lm 3960lm	110lm/W

Optimum Accessories

Product Code	Description	Emergency Battery Type
TITANX/4/KIT	Titan X Remote Emergency 4W	LiFePO4
TITANX/4/KIT/ST	Titan X Remote Emergency 4W Self Test	LiFePO4
RB/SUS	Suspension Kit 2pcs 1.8m Y Suspension	-

For details of
Titan kits please
see emergency section

OPTIMUM LITE

TP(b) BACK-LIT PANEL

Optimum Lite back-lit panels offer a cost effective solution with TP(b) diffuser. The Optimum can be converted into standard or Self Test Emergency using Red Arrow's Titan X Emergency Packs. Available in 4000K or 6000K colour temperatures.



Features

- 4000K or 6000K colour temperature
- TP(b) diffuser as standard
- 595 x 595mm
- Emergency options available

NEW
PRODUCT

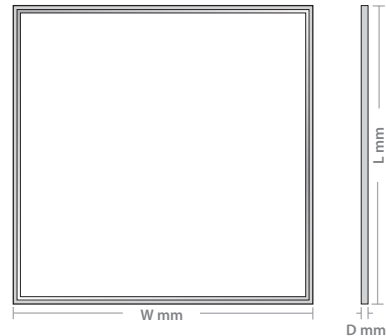


Specification

Material:	Body & Frame: Aluminium Diffuser: TP(b) Rated PS
Colour Temperature:	4000K 6000K
Colour Finish:	White RAL9003
CRI	Ra>80
LED Lifetime:	L80B50 30,000 Hours
IP Rating:	IP40
IK Rating:	IK02
Working Temperature:	-10°C to 40°C
Power Factor:	>0.9
Electrical Class:	Class II
Warranty:	3 Years

Dimensions

Product Code	Dimensions
OPT66-36-40	L: 595 x W: 595 x D: 32 mm
OPT66-36-60	L: 595 x W: 595 x D: 32 mm



Product Code	Description	Wattage	Colour Temperature	Lumen Output	Efficacy
OPT66-36-40	Optimum Lite Panel 595x595mm TP(b)	36W	4000K	3600lm	100lm/W
OPT66-36-60	Optimum Lite Panel 595x595mm TP(b)	36W	6000K	3600lm	100lm/W

Optimum Lite Accessories

Product Code	Description	Emergency Battery Type
TITANX/4/KIT	Titan X Remote Emergency 4W	LiFePO4
TITANX/4/KIT/ST	Titan X Remote Emergency 4W Self Test	LiFePO4
RB/SUS	Suspension Kit 2pcs 1.8m Y Suspension	-

For details of Titan kits please see emergency section

RHOMBUS PRO LOW GLARE

HIGH EFFICACY TP(a) BACK-LIT PANEL



Rhombus Pro Low Glare features a high performance microprism diffuser. This is ideal to assist projects that require to achieve UGR<19. All products also feature TP(a) diffusers.



Features

- Excellent efficacy - up to 140 lm/W
- TP(a) microprism diffuser to assist with UGR<19 compliance
- Wide range of modular sizes
- Choice of CCT and lumen output
- Emergency options, surface & mount kits available

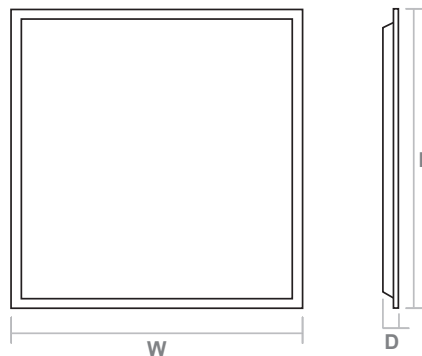


Specification

Material:	Body: Steel Frame: Aluminium Diffuser: TP(a) rated PS
Colour Temperature:	3000K 4000K 6000K
CRI	Ra>80
LED Lifetime:	L80B50 50,000 Hrs
IP Rating:	IP40
IK Rating:	IK03
Working Temperature:	-20°C to 45°C
Power Factor:	>0.9
Warranty:	7 Years

Dimensions

Product Code	Dimensions
RBM6628	L: 595 x W: 595 x D: 26mm
RBM12644	L: 1195 x W: 595 x D: 32mm
RBM12328	L: 1195 x W: 295 x D: 26mm



Product Code	Description	Wattage	Lumen Output	Colour Temperature	Efficacy
RBM6628-30	595mm x 595mm High Output UGR<19	28W	3640 lm	3000K	130 lm/W
RBM6628-40	595mm x 595mm High Output UGR<19	28W	3640 lm	4000K	130 lm/W
RBM6628-60	595mm x 595mm High Output UGR<19	28W	3640 lm	6000K	130 lm/W
RBM12640-30	595mm x 1200mm High Output UGR<19	40W	5600 lm	3000K	140 lm/W
RBM12640-40	595mm x 1200mm High Output UGR<19	40W	5600 lm	4000K	140 lm/W
RBM12644-60	595mm x 1200mm High Output UGR<19	44W	5850lm	6000K	130 lm/W
RBM12328-30	300mm x 1200mm High Output UGR<19	28W	3360 lm	3000K	120 lm/W
RBM12328-40	300mm x 1200mm High Output UGR<19	28W	3360 lm	4000K	120 lm/W
RBM12328-60	300mm x 1200mm High Output UGR<19	28W	3360 lm	6000K	120 lm/W

Rhombus Pro Low Glare Accessories

Product Code	Description	Emergency Battery Type
TITANX/4/KIT	Titan X Remote Emergency 4W	LiFePO4
TITANX/4/KIT/ST	Titan X Remote Emergency 4W Self Test	LiFePO4
RB/SUS	Suspension Kit 2pcs 1.8m Y Suspension	-

For details of Titan kits please see Emergency section in the catalogue.

RHOMBUS PRO

HIGH EFFICACY TP(a) BACK-LIT PANEL



Delivering outstanding efficacy and in a wide range of options, Rhombus Pro offers the perfect solution for any commercial application. All feature TP(a) diffusers as standard.



Features

- Excellent efficacy - up to 130 lm/W
- TP(a) diffusers as standard
- Lumen output range 3000-5700 lm
- Extensive range - 595 x 595mm, 595 x 1200mm & 300 x 1200mm
- Emergency options & surface mount kits available

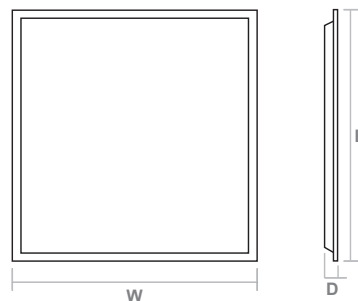


Specification

Material:	Body: Steel Frame: Aluminium Diffuser: TP(a) rated PS
Colour Temperature:	3000K 4000K 6000K
CRI	Ra>80
LED Lifetime:	L80B50 50,000 Hrs
IP Rating:	IP40
IK Rating:	IK03
Working Temperature:	-20°C to 45°C
Power Factor:	>0.9
Warranty:	7 Years

Dimensions

Product Code	Dimensions
RBP6624-xx	L: 595 x W: 595 x D: 26mm
RBP6628-xx	L: 595 x W: 595 x D: 26mm
RBP12644-xx	L: 1195 x W: 595 x D: 32mm
RBP12328-xx	L: 1195 x W: 295 x D: 26mm



Product Code	Description	Wattage	Lumen Output	Colour Temperature	Efficacy
RBP6624-40	595mm x 595mm High Efficiency TP(a)	24W	3100 lm	4000K	130 lm/W
RBP6624-60	595mm x 595mm High Efficiency TP(a)	24W	3100 lm	6000K	130 lm/W
RBP6628-30	595mm x 595mm High Output TP(a)	28W	3640 lm	3000K	130 lm/W
RBP6628-40	595mm x 595mm High Output TP(a)	28W	3640 lm	4000K	130 lm/W
RBP6628-60	595mm x 595mm High Output TP(a)	28W	3640 lm	6000K	130 lm/W
RBP12644-30	595mm x 1200mm High Output TP(a)	44W	5850 lm	3000K	133 lm/W
RBP12640-40	595mm x 1200mm High Output TP(a)	40W	5600 lm	4000K	140 lm/W
RBP12644-60	595mm x 1200mm High Output TP(a)	44W	5850 lm	6000K	133 lm/W
RBP12328-30	300mm x 1200mm High Output TP(a)	28W	3640 lm	3000K	130 lm/W
RBP12328-40	300mm x 1200mm High Output TP(a)	28W	3640 lm	4000K	130 lm/W
RBP12328-60	300mm x 1200mm High Output TP(a)	28W	3640 lm	6000K	130 lm/W

Rhombus Pro Accessories

Product Code	Description	Emergency Battery Type
TITANX/4/KIT	Titan X Remote Emergency 4W	LiFePO4
TITANX/4/KIT/ST	Titan X Remote Emergency 4W Self Test	LiFePO4
RB/SUS	Suspension Kit 2pcs 1.8m Y Suspension	-

For details of Titan kits please see Emergency section in the catalogue

RHOMBUS PLUS

HIGH EFFICACY TP(b) BACK-LIT PANEL

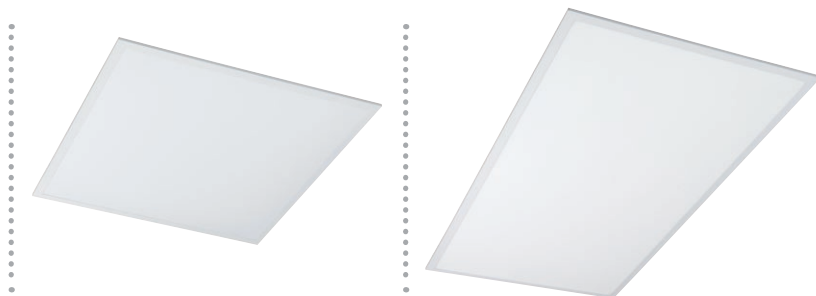
Rhombus Plus back-lit panels offer a cost effective combination of high efficacy and TP(b) diffusers. Available in a choice of size formats and 4000K or 6000K.



Features

- High efficacy 150 lm/W
- TP(b) diffuser as standard
- 595 x 595mm & 595 x 1200mm format
- Emergency options available

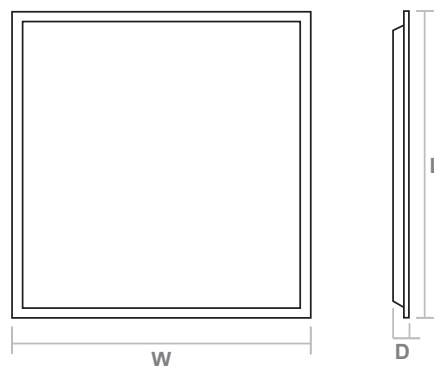




Specification

Material:	Body: Steel Frame: Aluminium Diffuser: TP(b) PS
Colour Temperature:	4000K 6000K
CRI	Ra>80
LED Lifetime:	L80B50 50,000 Hrs
IP Rating:	IP40
IK Rating:	IK03
Working Temperature:	-20°C to 45°C
Power Factor:	>0.9
Warranty:	5 Years

Dimensions



Product Code	Dimensions
RBX6634-XX	L: 595 x W: 595 x D: 25mm
RBX12648-XX	L: 1195 x W: 595 x D: 35mm

Product Code	Description	Wattage	Lumen Output	Colour Temperature	Efficacy
RBX6634-40	Rhombus Plus 595mm x 595mm TP(b)	34W	3570 lm	4000K	105 lm/W
RBX6634-60	Rhombus Plus 595mm x 595mm TP(b)	34W	3570 lm	6000K	105 lm/W
RBX12640-40	Rhombus Plus 595mm x 1200mm TP(b)	40W	6000 lm	4000K	150 lm/W
RBX12640-60	Rhombus Plus 595mm x 1200mm TP(b)	40W	6000 lm	6000K	150 lm/W

Rhombus Plus Accessories

Product Code	Description	Emergency Battery Type
TITANX/4/KIT	Titan X Remote Emergency 4W	LiFePO4
TITANX/4/KIT/ST	Titan X Remote Emergency 4W Self Test	LiFePO4
RB/SUS	Suspension Kit 2pcs 1.8m Y Suspension	-

For details of Titan kits please see Emergency section in the catalogue

RAZOR

EDGE-LIT TP(b) PANELS

Razor is the latest edge lit panel with unique patent designed structure allowing for heat expansion within the product without risk of damaging the LED's over the products life.

Offered with TP(b) diffuser and at only 10mm thickness, razor can be used in a wide range of applications, delivering even illumination.



Features

- Patented structure design allows for heat expansion without the risk of damaging LED's
- Shallow profile, only 10mm deep
- Efficiency up to 120lm/W
- 300 x 1200mm, 595 x 1200mm, 595 x 595 & 300 x 595mm options
- Dimmable drivers & Emergency conversion kits available to order separately

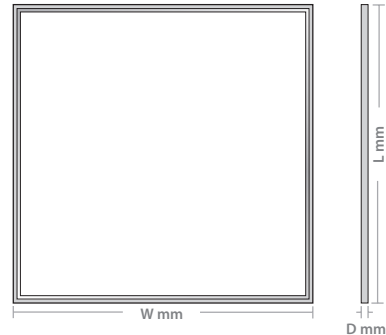


Specification

Material:	Body & Frame: Aluminium Diffuser: TP(b) PMMA
Colour Temperature:	3000K 4000K 6000K
Colour Finish:	RAL9016 White
CRI	Ra>80
LED Lifetime:	L80B50 83,000 Hrs
IP Rating:	IP20
IK Rating:	IK03
Working Temperature:	-20°C to 40°C
Power Factor:	0.9
Electrical Class:	Class II
Warranty:	7 Years

Dimensions

Product Code	Dimensions
RZR6636	L: 595 x W: 595 x D: 10mm
RZR12336	L: 1195 x W: 295 x D: 10mm
RZR12650	L: 1195 x W: 595 x D: 10mm
RZR6326	L: 595 x W: 295 x D: 10mm



Product Code	Description	Wattage	Colour Temperature	Lumen Output	Efficacy
RZR6636-30	Razor Edge Lit Panel 595x595mm TP(b)	36W	3000K	4320 lm	120lm/W
RZR6636-40	Razor Edge Lit Panel 595x595mm TP(b)	36W	4000K	4320 lm	120lm/W
RZR6636-60	Razor Edge Lit Panel 595x595mm TP(b)	36W	6000K	4320 lm	120lm/W
RZR12336-30	Razor Edge Lit Panel 1195x295mm TP(b)	36W	3000K	4320 lm	120lm/W
RZR12336-40	Razor Edge Lit Panel 1195x295mm TP(b)	36W	4000K	4320 lm	120lm/W
RZR12336-60	Razor Edge Lit Panel 1195x295mm TP(b)	36W	6000K	4320 lm	120lm/W
RZR12650-30	Razor Edge Lit Panel 1195x595mm TP(b)	50W	3000K	6000 lm	120lm/W
RZR12650-40	Razor Edge Lit Panel 1195x595mm TP(b)	50W	4000K	6000 lm	120lm/W
RZR12650-60	Razor Edge Lit Panel 1195x595mm TP(b)	50W	6000K	6000 lm	120lm/W
RZR6326-30	Razor Edge Lit Panel 595x295mm TP(b)	26W	3000K	3120 lm	120lm/W
RZR6326-40	Razor Edge Lit Panel 595x295mm TP(b)	26W	4000K	3120 lm	120lm/W
RZR6326-60	Razor Edge Lit Panel 595x295mm TP(b)	26W	6000K	3120 lm	120lm/W

Razor Accessories

Product Code	Description	Emergency Battery Type
TITANX/4/KIT	Titan X Remote Emergency 4W	LiFeP04
TITANX/4/KIT/ST	Titan X Remote Emergency 4W Self Test	LiFeP04
RB/SUS	Suspension Kit 2pcs 1.8m Y Suspension	-

For details of Titan kits please see Emergency section in the catalogue

SURFACE MOUNTING AND SUSPENSION KITS

FOR OPTIMUM, RHOMBUS & RAZOR PANELS

The Optimum, Rhombus and Razor recessed panels can be easily transformed into smart and shallow profile surface mount luminaires. These easy to install mounting kits are supplied ready to assemble.



Features

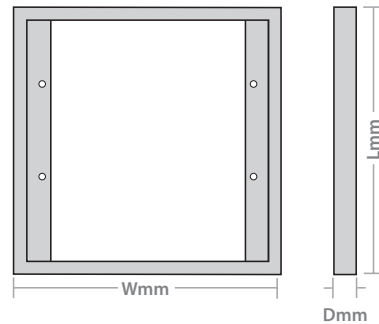
- Specifically designed for Optimum, Rhombus and Razor LED panels
- Slim profile
- Easy to assemble



Specification

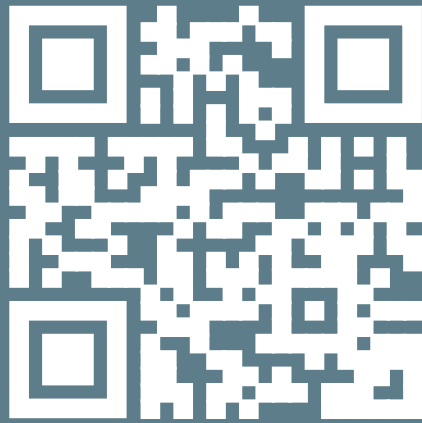
Material:	Aluminium
Colour Finish:	RAL9010
Warranty:	1 Year

Dimensions



Product Code	Dimensions
RSK66	L: 600 x W: 600 x D: 70 mm
RSK126	L: 1200 x W: 600 x D: 70 mm
RSK123	L: 1200 x W: 300 x D: 70 mm
LEDP-SMKW	L: 600 x W: 600 x D: 50 mm
LEDP-SMKW12	L: 1200 x W: 600 x D: 50 mm
LEDP-SMKW1230	L: 1200 x W: 300 x D: 50 mm
LEDP-SMKW63	L: 600 x W: 300 x D: 50 mm

Product Code	Description	Optimum & Rhombus (Back Lit Panel)	Razor (Edge Lit Panel)
RSK66	Optimum & Rhombus Surface Mounting Kit 600 x 600mm	●	
RSK126	Optimum & Rhombus Surface Mounting Kit 600 x 1200mm	●	
RSK123	Optimum & Rhombus Surface Mounting Kit 300 x 1200mm	●	
LEDP-SMKW	Razor Surface Mounting Kit 600 x 600mm		●
LEDP-SMKW12	Razor Surface Mounting Kit 600 x 1200mm		●
LEDP-SMKW63	Razor Surface Mounting Kit 300 x 600mm		●
LEDP-SMKW1230	Razor Surface Mounting Kit 300 x 1200mm		●
RB/SUS	Suspension Kit 2pcs 1.8m Y Suspension For Optimum, Rhombus & Razor	●	●
BLP-RSC	Pack of 4 ceiling mount spring clips for LED recessed panel	●	
RZR-RSC	Ceiling mount spring clips for Razor edge lit panel		●



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