



synerji[®]
ELECTRICAL

LIGHTING & ELECTRICAL
CATALOGUE



QUALITY IN THE PALM
OF YOUR HANDS



Electrobase is the largest group of Independent Electrical Wholesalers in South Africa. Represented by 37 members with over 81 branches in principal towns, in all the provinces, as well as in Botswana, Namibia and Zimbabwe.













The Electrobase members are seasoned traders with many years of experience in the industry and have an exceptional understanding in the needs and requirements of the Electrical Industry in Southern Africa. Most members are owners of their businesses and hold

qualifications across all the spheres of Electrical study. Synerji® Electrical is the registered trademark for the Electrobase house brand, which is available exclusively through the Electrobase Wholesalers.

The Synerji® Electrical range of products have been selectively chosen for the South African market, quality tested and where required, comply with IEC standards.



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TERMINOLOGY



ABS	Acrylonitrile Butadiene Styrene
B15d	Bayonet Cap 15mm Diameter
B22 (BC)	Bayonet Cap 22mm Diameter
CFL	Compact Fluorescent Lamp
CRI	Colour rendering Index
E14 (SES)	Small Edison Screw 14mm
E27 (ES)	Edison Screw 27mm
E40	Edison Screw 40mm
GLS	General Lighting Service
IP	Ingress Protection
K	Kelvin
lm	Lumens
PAR 38	Parabolic Aluminized Reflector
PC	Polycarbonate
PIR	Passive Infrared Detection
PP	Polypropylene
PS	Polystyrene

DOMESTIC & INDUSTRIAL LAMPS

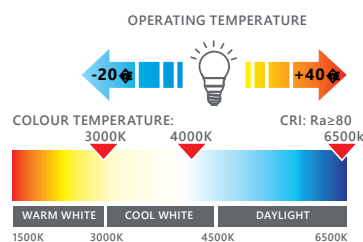
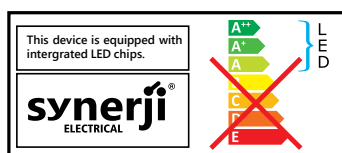


The **Synerji Electrical** lamps have built an excellent reputation in the market as a premium brand, offering high quality, durable lamps. Our lamps are mercury free and comply with the Material Restriction Requirements by ROHS (Restriction of Hazardous Substances). Unless indicated otherwise all lamps have a voltage rating of at least 230V and 50/60 hertz.

Our range will offer a solution for all your lighting needs, whether it be directional, security, decorative, ambiance, warehousing or general lighting almost anywhere.

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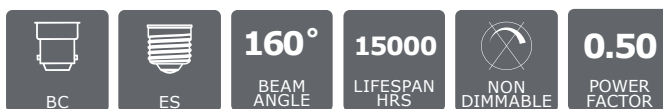
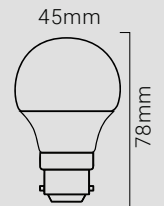
GOLFBALL LAMPS

1.8W

SYLEDGOL1.8WBL/GN/YL/RD



DIMENSIONS



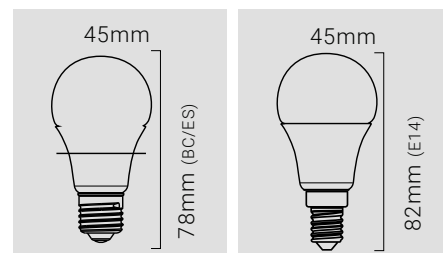
GOLFBALL LAMPS

5W

SYLEDGOL5W



DIMENSIONS



			350lm WARM WHITE	370lm COOL WHITE	380lm DAYLIGHT	130° BEAM ANGLE	25000 LIFESPAN HRS	0.50 POWER FACTOR	 NON DIMMABLE
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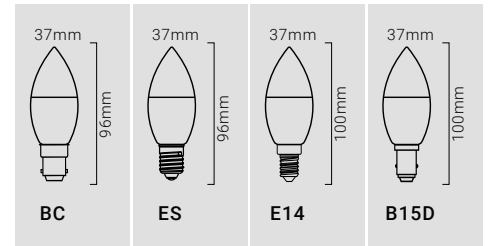
CANDLE C37 LAMPS

4W

SYLEDC374W



DIMENSIONS



				300lm WARM WHITE	320lm COOL WHITE	200° BEAM ANGLE	25000 LIFESPAN HRS	0.5 POWER FACTOR	
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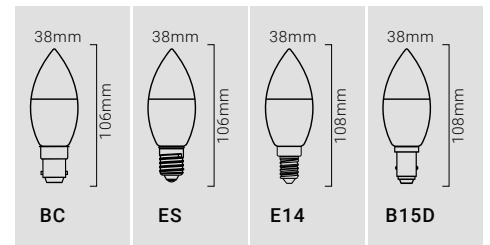
CANDLE C38 LAMPS

5.5W DIMMABLE

SYLEDC38D5.5W



DIMENSIONS



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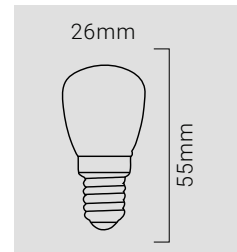
T26 DOMESTIC LAMPS

1.2W

SYLEDR1.2WT26



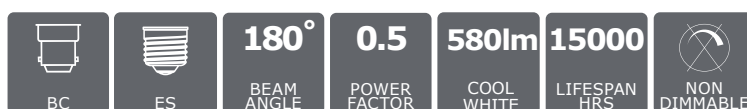
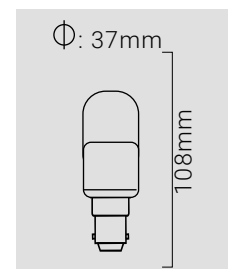
DIMENSIONS



STICK LAMP

7W

SYLEDST7WCWES



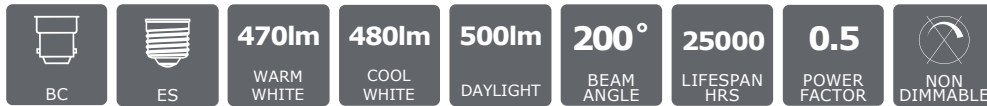
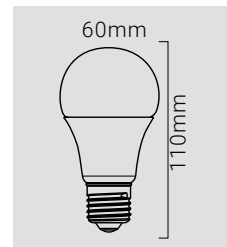
GLS A60 LAMPS

6W

SYLEDGLS6W



DIMENSIONS



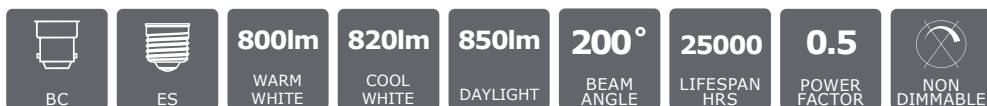
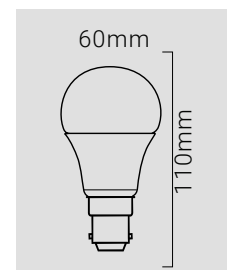
GLS A60 LAMPS

9W

SYLEDGLS9W



DIMENSIONS

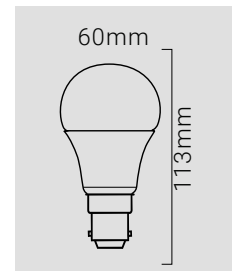





GLS A60 LAMPS
9W DAY/NIGHT
SENSOR

SYLEDGLSSN9W



DIMENSIONS



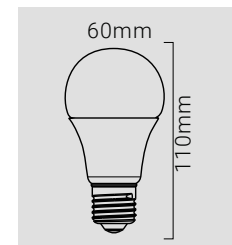
 BC	 ES	800lm WARM WHITE	820lm COOL WHITE	840lm DAYLIGHT	140° BEAM ANGLE	25000 LIFESPAN HRS	0.5 POWER FACTOR	 NON DIMMABLE
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GLS A60 LAMPS
10W DIMMABLE

SYLEDGLS010WDIM



DIMENSIONS



 BC	 ES	800lm WARM WHITE	820lm COOL WHITE	840lm DAYLIGHT	200° BEAM ANGLE	25000 LIFESPAN HRS	0.9 POWER FACTOR	 DIMMABLE
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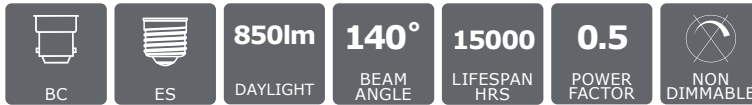
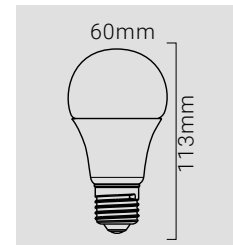
GLS A60 LAMPS

9W 12V

SYLEDGLS9W12V



DIMENSIONS



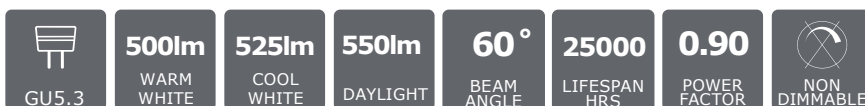
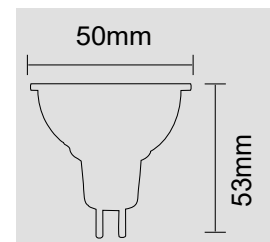
MR16 LAMPS

6W 12V

SYGUMR16



DIMENSIONS



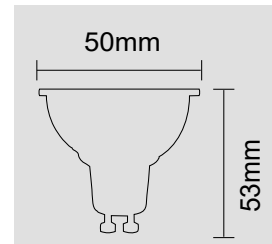
GU10 LAMPS NON DIMMABLE

3W

SYLEDGU103W



DIMENSIONS



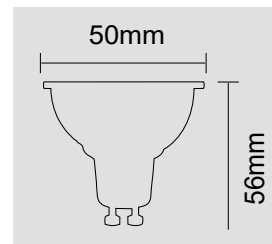
220lm WARM WHITE	230lm COOL WHITE	245lm DAYLIGHT	100° BEAM ANGLE	25000 LIFESPAN HRS	0.40 POWER FACTOR
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5W

SYLEDGU105W



DIMENSIONS



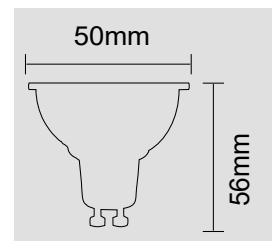
400lm WARM WHITE	420lm COOL WHITE	450lm DAYLIGHT	110° BEAM ANGLE	25000 LIFESPAN HRS	0.50 POWER FACTOR
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6W

SYLEDGU106W



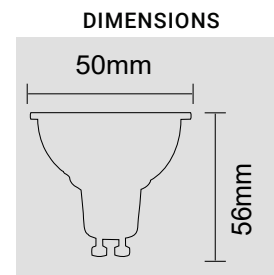
DIMENSIONS



500lm WARM WHITE	525lm COOL WHITE	550lm DAYLIGHT	60° BEAM ANGLE	25000 LIFESPAN HRS	0.50 POWER FACTOR
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GU10 LAMPS
6.5W DIMMABLE

SYLEDGU10DIM6.5W



GU10	500lm WARM WHITE	525lm COOL WHITE	550lm DAYLIGHT	0.80 POWER FACTOR	60° BEAM ANGLE	25 000 LIFESPAN HRS
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BELL PRESS DIMMERS
125W | 500W

STSYDIMINITLED125BP



0.5A AMPS 125W	IP20 RATING	MAX 13X6.5W SYNERJI GU10
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STSYDIMTLED500WBP



2.1A AMPS 500W	IP20 RATING	MAX 47X6.5W SYNERJI GU10
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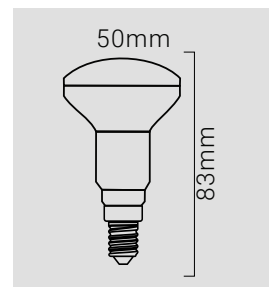
REFLECTOR R50 LAMPS

6W

SYLEDREFR50CW6WE14



DIMENSIONS



REFLECTOR R63 LAMPS

8W

SYLEDREFR63CW8WES



DIMENSIONS



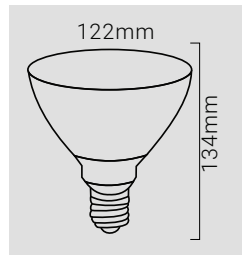
PAR38 LAMPS

15W | 17W

SYLEDPAR3815W
SYLEDPAR3817W



DIMENSIONS



 ES	15W 1200lm WARM WHITE	15W 1250lm COOL WHITE	17W 1400lm WARM WHITE	17W 1470lm COOL WHITE	60° BEAM ANGLE	25000 LIFESPAN HRS	0.5 POWER FACTOR	 NON DIMMABLE
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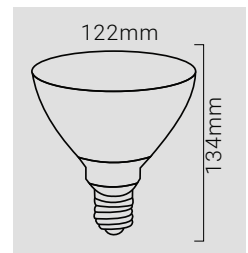
PAR38 LAMPS

18W DIMMABLE

SYLEDPAR3818W



DIMENSIONS



 ES	1400lm WARM WHITE	1470lm COOL WHITE	60° BEAM ANGLE	25000 LIFESPAN HRS	0.9 POWER FACTOR
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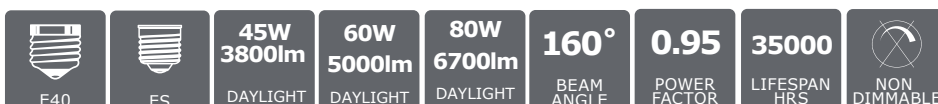
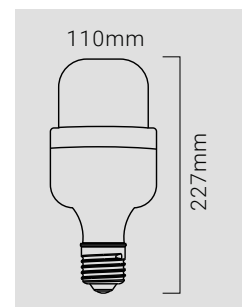
HIGH POWER LAMPS

45W | 60W | 80W

SYLEDHP45WDL
SYLEDHP60WDL
SYLEDHP80WDL



DIMENSIONS



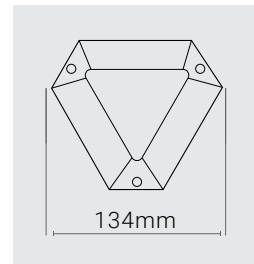
TRIANGULAR MODULE LAMPS

14W

SYLEDTR14W



DIMENSIONS



1300lm
COOL
WHITE

1300lm
DAYLIGHT

160°
BEAM
ANGLE

25000
LIFESPAN
HRS

0.5
POWER
FACTOR



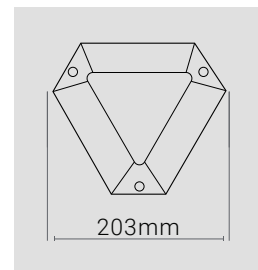
TRIANGULAR MODULE LAMPS

25W

SYLEDTR25W



DIMENSIONS



2200lm
COOL
WHITE

2200lm
DAYLIGHT

160°
BEAM
ANGLE

25000
LIFESPAN
HRS

0.5
POWER
FACTOR

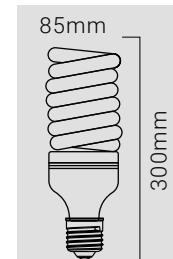


CFL ENERGY SAVER
85W SPIRAL LAMP

SYLE085WSPIRALGES



DIMENSIONS

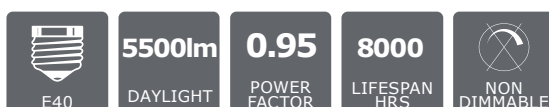
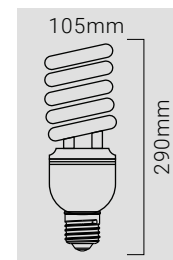


CFL ENERGY SAVER
105W SPIRAL LAMP

SYLE105WHSPIRALGES



DIMENSIONS





WIRING SOLUTIONS

Add your text here

CONTENTS

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Product	00
Product	00

SYNERJI SWITCH
4X2 1-Lever 1-Way

SYSSW4X21L1W



SYNERJI SWITCH
4X2 2-Lever 1-Way

SYSSW4X22L1W



SYNERJI SWITCH
4X2 3-Lever 1-Way

SYSSW4X23L1W



SYNERJI SWITCH
4X2 4-Lever 1-Way

SYSSW4X24L1W



SYNERJI SOCKET
4X4 RSA DBL

SYSS04X4DBL



SYNERJI SOCKET
4X2 RSA SNG

SYSS04X2SGL



SYNERJI SOCKET
4X4 RSA SNG

SYSS04X4SNG



SYNERJI SOCKET
4X4 RSA SNG +3 PIN EURO

SYSS04X4SEU1



SYNERJI SOCKET
4X4 RSA SNG +3X3 PIN EURO

SYSS04X4SEU3



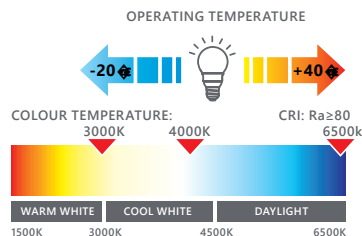
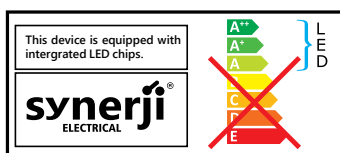




The Synerji Electrical Decorative LED lamp range includes Dimmable and Non-Dimmable lamps to provide elegant and stylish lighting solutions for your home or business.

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LED Deco Filament Lamps	30-32
LED Deco Filament Classic Lamps	33
LED Deco Fireworks Lamps	34
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CANDLE FILAMENT LAMPS

4W

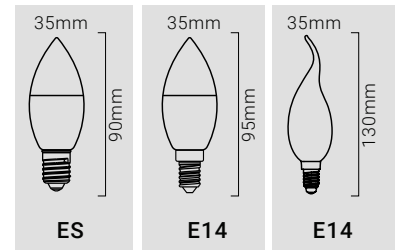


SYLEDCFC354W



SYLEDCFBT354W

DIMENSIONS



ES	E14	360lm WARM WHITE	300° BEAM ANGLE	15000 LIFESPAN HRS	NON DIMMABLE	0.5 POWER FACTOR
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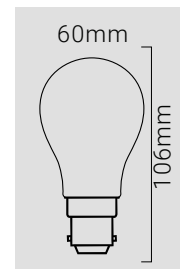
GLS FILAMENT LAMPS

6W

SYLEDFGLS6W



DIMENSIONS



BC	ES	800lm WARM WHITE	300° BEAM ANGLE	15000 LIFESPAN HRS	NON DIMMABLE	0.5 POWER FACTOR
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VINTAGE FILAMENT LAMPS

4W

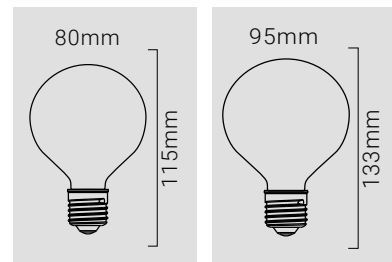


SYLEDFG080



SYLEDFG095

DIMENSIONS



BC	ES	AMBER GLASS	400lm WARM WHITE	300° BEAM ANGLE	15000 LIFESPAN HRS	NON DIMMABLE	0.5 POWER FACTOR
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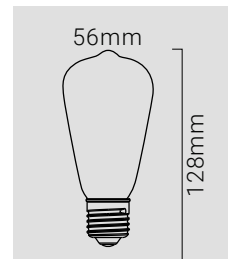
VINTAGE FILAMENT LAMPS

4W

SYLEDFST19



DIMENSIONS

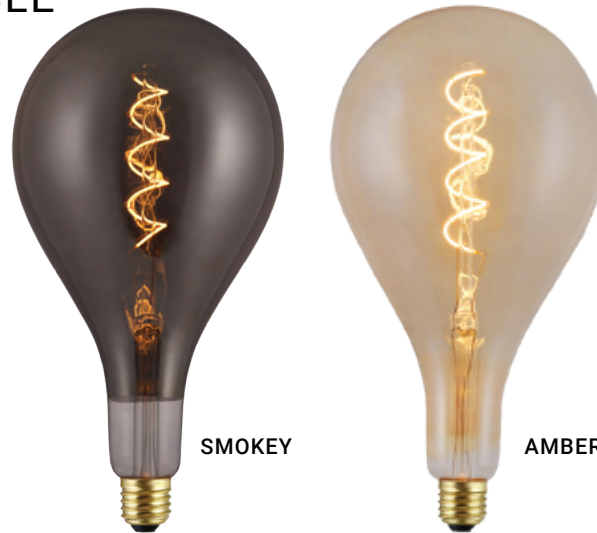


BC	ES	AMBER GLASS	400lm WARM WHITE	300° BEAM ANGLE	15000 LIFESPAN HRS	NON DIMMABLE	0.5 POWER FACTOR
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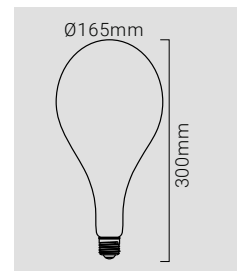
DECO FILAMENT A165 LAMPS

4W DIMMABLE

SYFD001



DIMENSIONS



 ES	100lm SMOKEY COLOUR	200lm AMBER COLOUR	2100K WARM WHITE	15000 LIFESPAN HRS	0.75 POWER FACTOR	 DIMMABLE
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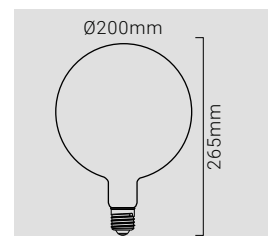
DECO FILAMENT G200 LAMPS

4W DIMMABLE

SYFD002



DIMENSIONS



 ES	100lm SMOKEY COLOUR	200lm AMBER COLOUR	2100K WARM WHITE	15000 LIFESPAN HRS	0.75 POWER FACTOR	 DIMMABLE
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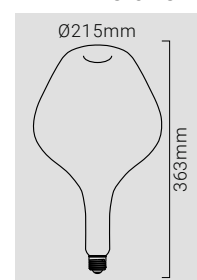
DECO FILAMENT BT215 LAMPS

4W DIMMABLE

SYFD003



DIMENSIONS



 ES	100lm SMOKEY COLOUR	200lm AMBER COLOUR	2100K WARM WHITE	15000 LIFESPAN HRS	0.75 POWER FACTOR	 DIMMABLE
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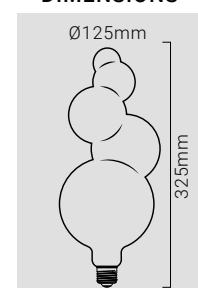
DECO FILAMENT GRD5 LAMPS

4W DIMMABLE

SYFD009



DIMENSIONS



 ES	100lm SMOKEY COLOUR	200lm AMBER COLOUR	2100K WARM WHITE	15000 LIFESPAN HRS	0.75 POWER FACTOR	 DIMMABLE
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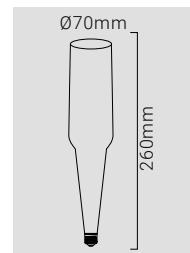
DECO FILAMENT BT70 LAMPS

4W DIMMABLE

SYFD004



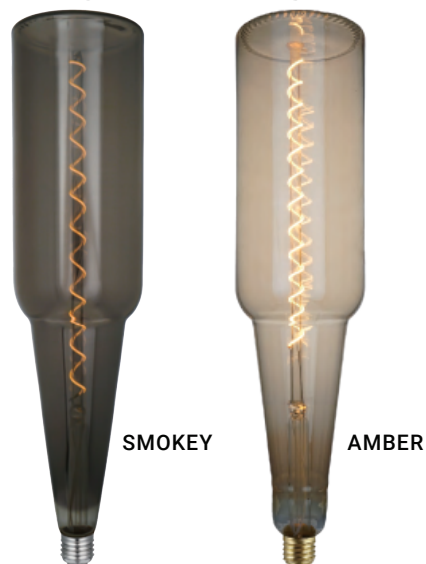
DIMENSIONS



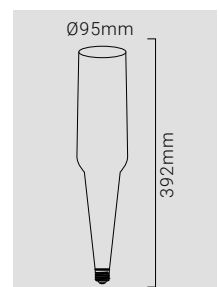
DECO FILAMENT BT95 LAMPS

4W DIMMABLE

SYFD005



DIMENSIONS



DECO FILAMENT CLASSIC LAMPS

3W | 4W DIMMABLE

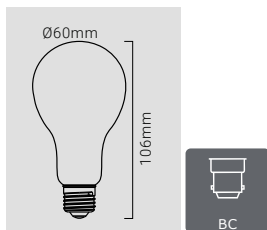


3W
SYFD006

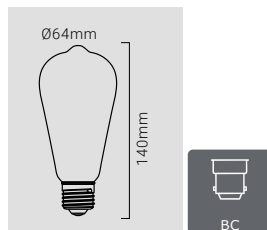
4W
SYFD007

4W
SYFD008

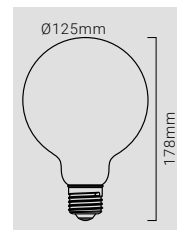
DIMENSIONS



DIMENSIONS



DIMENSIONS



 ES	3W 140lm AMBER COLOUR	4W 200lm AMBER COLOUR	2100K WARM WHITE	15000 LIFESPAN HRS	0.75 POWER FACTOR	 DIMMABLE
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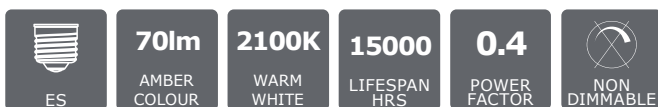
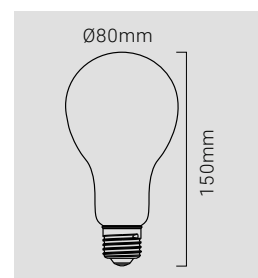
DECO FIREWORKS A80 LAMPS

2W

SYFDF001



DIMENSIONS



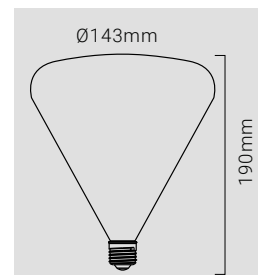
DECO FIREWORKS V137 LAMPS

3W

SYFDF002



DIMENSIONS



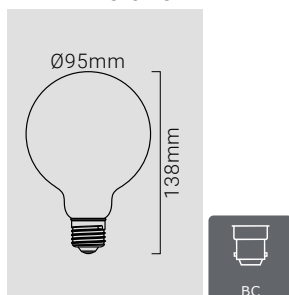
DECO WIRE LAMPS

1.5W



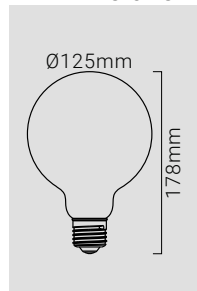
SYFDW003

DIMENSIONS



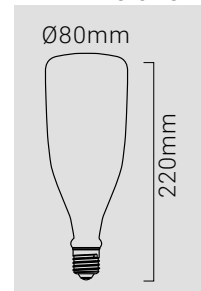
SYFDW004

DIMENSIONS



SYFDW002

DIMENSIONS



 ES	40lm AMBER COLOUR	2100K WARM WHITE	15000 LIFESPAN HRS	0.3 POWER FACTOR	 NON DIMMABLE
---	-----------------------------	----------------------------	------------------------------	----------------------------	---



DOWNLIGHT FITTINGS



The **Synerji Electrical Downlight fittings** include two solutions. The first being separate downlight fittings with interchangeable LED lamp and lamp holder (sold separately). This allows you to choose between a Synerji dimmable or non-dimmable LED Gu10 or MR16 (12V) lamps. A choice of finishes are available in White, Satin Nickel, Antique Brass or Silver Brush. Functionality options include: Fixed, Tilt, Splash Proof, Recessed or Surface Mount fittings.

The second solution comprises of the **Synerji Slim Downlights**, which are recessed fittings with integrated LED chips and driver.







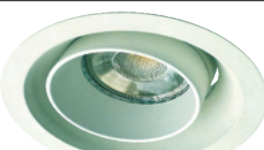
The fittings comply with the IEC 60598 standard.

CONTENTS

Recessed Downlights Tilt	32
Recessed Downlights Fixed	33
Recessed Downlights Splash Proof	34
Surface Mount Downlights Round	35
Surface Mount Downlights Square	35
LED Slim Downlight Fittings	36-37

RECESSED DOWNLIGHTS TILT

* Excludes Synerji lamp & lamp holder

IMAGE	MODEL	COLOURS	CUT OUT	DIAMETER	HEIGHT	RATING	MATERIAL
	SY101	White Satin Nickel	Ø 72mm	Ø 83mm	24mm	IP20	Die Cast Aluminium
	SY107	White Satin Nickel Antique Brass	Ø 80mm	Ø 94mm	30mm	IP20	Die Cast Aluminium
	SY41096	White Silver Brush	Ø 75mm	Ø 90mm	30mm	IP20	Aluminium
	SY43091	White Silver Brush	Ø 75mm	Ø 90mm	55mm	IP20	Aluminium
	SY45092	White Silver Brush	Ø 72mm	Ø 84mm	25mm	IP20	Aluminium
	SY47010	Silver Brush	Ø 80mm	Ø 91mm	28mm	IP20	Aluminium
	SY63097	White Silver Brush	Ø75mm	Ø 90mm	55mm	IP20	Aluminium

RECESSED DOWNLIGHTS



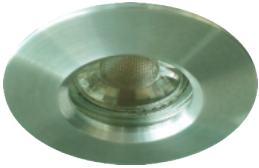
FIXED

* Excludes Synerji lamp & lamp holder

IMAGE	MODEL	COLOURS	CUT OUT	DIAMETER	HEIGHT	RATING	MATERIAL
	SY121	White Satin Nickel Antique Brass	Ø 62mm	Ø 78mm	24mm	IP20	Die Cast Aluminium
	SY127	White Satin Nickel Antique Brass	Ø 68mm	Ø 79mm	24mm	IP20	Aluminium
	SY21096	White Silver Brush	Ø 65mm	Ø 85mm	35mm	IP20	Aluminium
	SY25092	White Silver Brush	Ø 60mm	Ø 78mm	25mm	IP20	Aluminium
	SY49010	Silver Brush	Ø 80mm	Ø 91mm	28mm	IP20	Aluminium

RECESSED DOWNLIGHTS SPLASH PROOF

*Excludes lamp holder and Synerji GU10 lamp

IMAGE	MODEL	COLOURS	CUT OUT	DIAMETER	HEIGHT	RATING	MATERIAL
	SY21791 FIXED	White Silver Brush	Ø 72mm	Ø 85mm	55mm	IP65	Aluminium
	SY23791 FIXED	White Silver Brush	Ø 72mm	Ø 85mm	55mm	IP65	Aluminium
	SY25294 FIXED	White Silver Brush	Ø 60mm	Ø 84mm	30mm	IP65	Aluminium

SURFACE MOUNT DOWNLIGHTS ROUND

* Excludes Synerji lamp & lamp holder



SY46010S
FIXED
WHITE
(Also available in Brush Polish)



SY47010S
TILT
WHITE
(Also available in Brush Polish)



SY49010S
FIXED
WHITE
(Also available in Brush Polish)

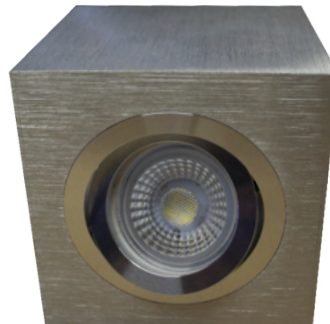
MAX 50W	IP20 RATING	AL ALUMINIUM	Ø 94mm WIDTH	90mm HEIGHT
-------------------	-----------------------	------------------------	------------------------	-----------------------

SURFACE MOUNT DOWNLIGHTS SQUARE

* Excludes Synerji lamp & lamp holder



SY46011S
FIXED
WHITE
(Also available in Brush Polish)



SY47011S
TILT
BRUSH POLISH
(Also available in White)



SY49011S
FIXED
WHITE
(Also available in Brush Polish)

MAX 50W	IP20 RATING	AL ALUMINIUM	90mm HEIGHT	94mm LENGTH	94mm WIDTH
-------------------	-----------------------	------------------------	-----------------------	-----------------------	----------------------

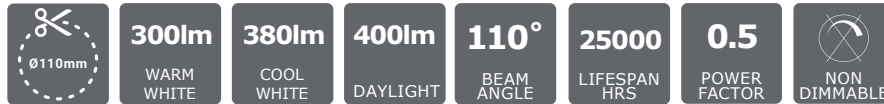
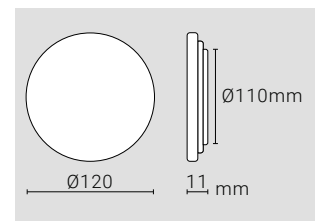
SLIM DOWNLIGHT FITTINGS

6W

SYLFRDL06W



DIMENSIONS



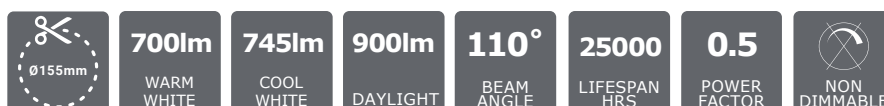
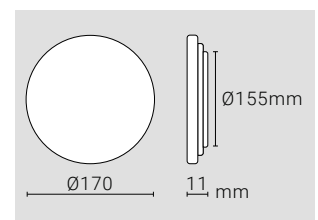
SLIM DOWNLIGHT FITTINGS

12W

SYLFRDL12W



DIMENSIONS



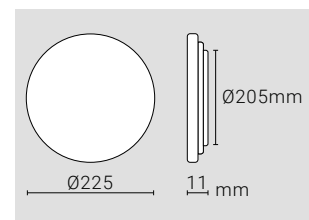
SLIM DOWNLIGHT FITTINGS

18W

SYLFRDL18W



DIMENSIONS



1235lm
WARM
WHITE

1305lm
COOL
WHITE

1440lm
DAYLIGHT

110°
BEAM
ANGLE

25000
LIFESPAN
HRS

0.5
POWER
FACTOR



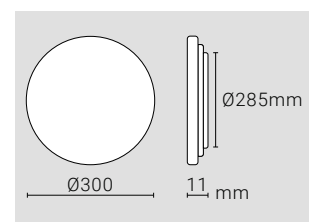
SLIM DOWNLIGHT FITTINGS

24W

SYLFRDL24W



DIMENSIONS



1620lm
WARM
WHITE

1710lm
COOL
WHITE

1900lm
DAYLIGHT

110°
BEAM
ANGLE

25000
LIFESPAN
HRS

0.5
POWER
FACTOR





INDOOR LIGHT FITTINGS

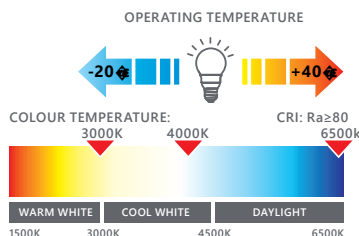
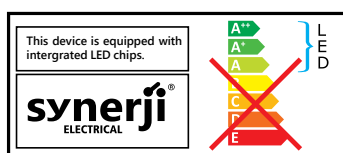


The Synerji Indoor Light fitting range consists of surface mount Ceiling fittings, Wall Lights, Pendants and Chandeliers. Different options are available in LED as well as fittings with an E27 base, allowing you to choose your Synerji LED lamp.

All Synerji Indoor Fittings comply with the IEC 60598 standard.

CONTENTS

LED White Ceiling Fittings	40
LED Starlight Ceiling Fittings	41
Indoor Wall Light Fittings	42-43
Indoor Pendants	44-60
LED Chandeliers	61-62



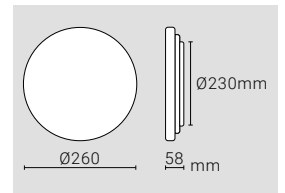
WHITE CEILING FITTINGS

14W | 20W | 24W

SYLFRCL14W



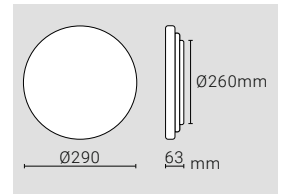
14W - DIMENSIONS



SYLFRCL20W



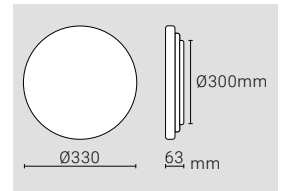
20W - DIMENSIONS



SYLFRCL24W



24W - DIMENSIONS



14W 950lm WARM WHITE	14W 1050lm DAYLIGHT	20W 1250lm WARM WHITE	20W 1400lm DAYLIGHT	24W 1750lm WARM WHITE	24W 1900lm DAYLIGHT	IP20 RATING	120° BEAM ANGLE	25000 LIFESPAN HRS	0.5 POWER FACTOR	 NON DIMMABLE
--------------------------------------	----------------------------------	---------------------------------------	----------------------------------	---------------------------------------	----------------------------------	-----------------------	------------------------------	---------------------------------	-------------------------------	--

STARLIGHT CEILING FITTING

32W

SYLFRCLS32W



3 LEVEL SWITCH
DIMMING



2400lm at 100%
1200lm at 50%
400lm at 15%

DIMENSIONS



4000K

COOL
WHITE

6500K

DAYLIGHT

120°

BEAM
ANGLE

25000

LIFESPAN
HRS

0.9

POWER
FACTOR

IP20

RATING

STARLIGHT CEILING FITTING WITH CRYSTAL RING

32W

SYLFRCLSCR32W



Crystal
EDGE FINISH

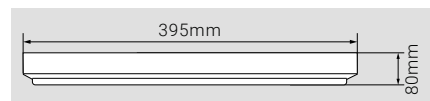


3 LEVEL SWITCH
DIMMING



2400lm at 100%
1200lm at 50%
400lm at 15%

DIMENSIONS



4000K

COOL
WHITE

6500K

DAYLIGHT

120°

BEAM
ANGLE

25000

LIFESPAN
HRS

0.9

POWER
FACTOR

IP20

RATING

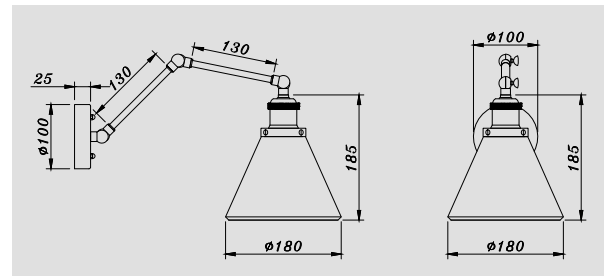
INDOOR GLASS WALL LIGHT

E27

MATT BRONZE
SYIWL001MBZES



DIMENSIONS



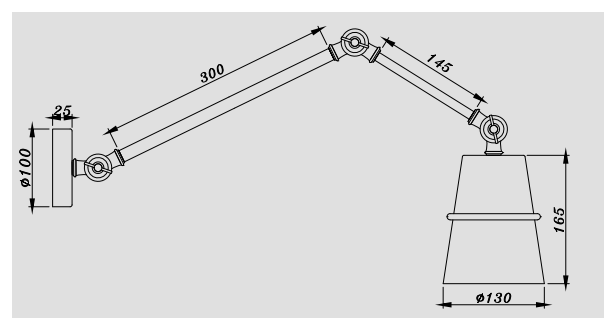
INDOOR METAL WALL LIGHT

E27

MATT BLACK
SYIWL002MBKES



DIMENSIONS



INDOOR METAL WALL LIGHT

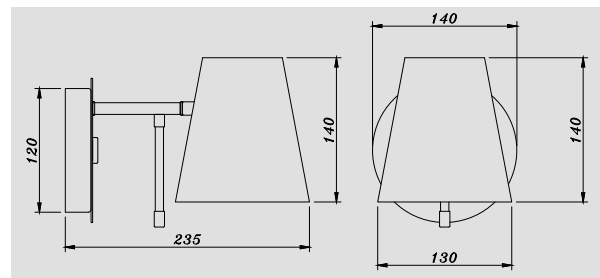
E27

MATT WHITE
SYIWL003MWHES



(rope is not a pull switch)

DIMENSIONS



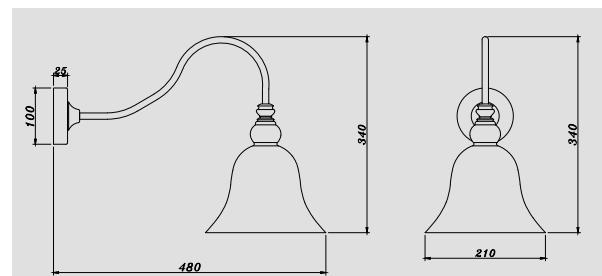
INDOOR GLASS WALL LIGHT

E27

SMOKEY GREY
SYIWL004SGRES



DIMENSIONS



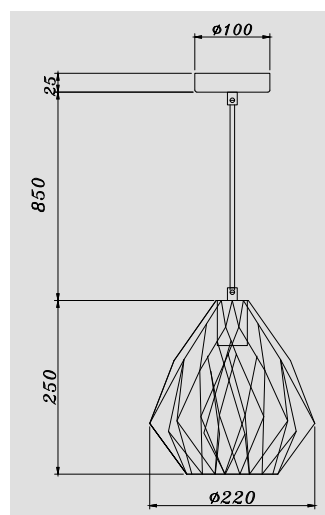
INDOOR METAL PENDANT

E27

MATT BLACK
SYIPN001MBKES



DIMENSIONS



IP20

RATING

MAX

60 WATTS

METAL

SHADE

PLASTIC

LAMPHOLDER

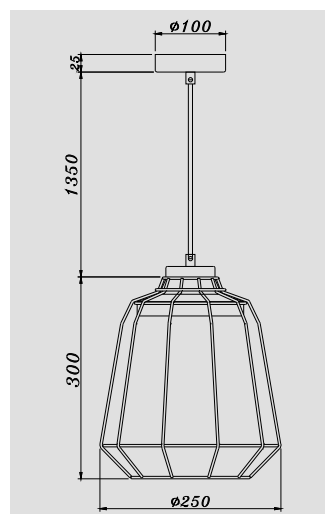
INDOOR METAL PENDANT

E27

MATT BLACK
SYIPN002BKES



DIMENSIONS



IP20

RATING

MAX

60 WATTS

**METAL/
WOOD**

SHADE

PLASTIC

LAMPHOLDER

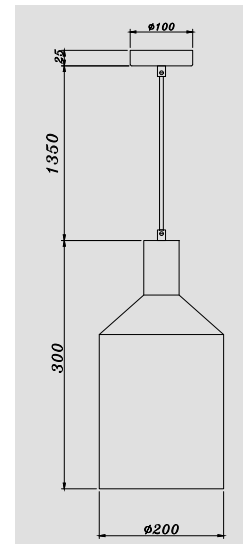
INDOOR METAL PENDANT

E27

ROSE GOLD
SYIPN003RSGDES



DIMENSIONS



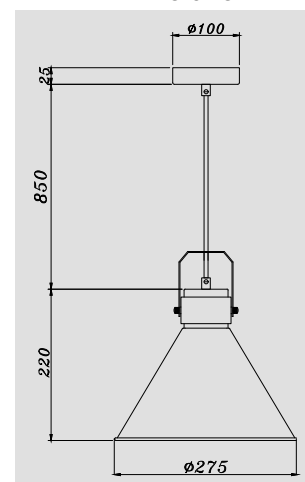
INDOOR METAL PENDANT

E27

RED BRONZE
SYIPN004RDBZES



DIMENSIONS



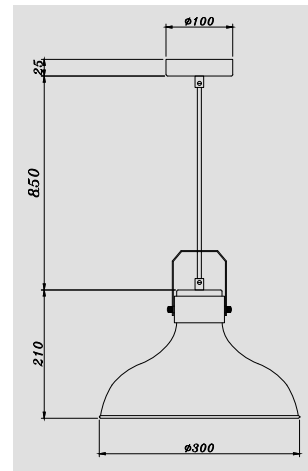
INDOOR METAL PENDANT

E27

RED BRONZE
SYIPN005RDBZES



DIMENSIONS



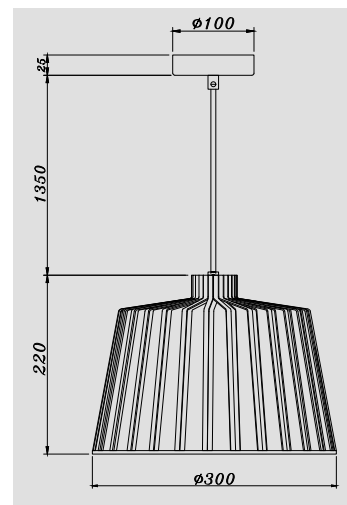
INDOOR METAL PENDANT

E27

MATT BLACK
SYIPN006MBKES



DIMENSIONS



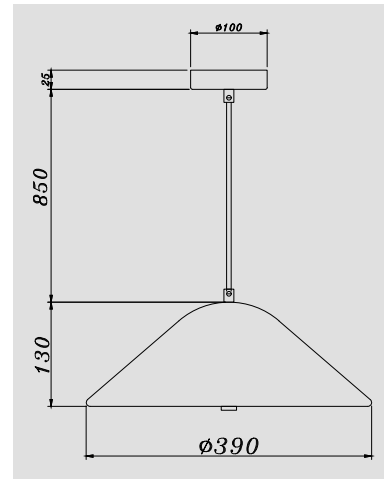
INDOOR METAL PENDANT

E27

MATT BLACK
SYIPN007BKES



DIMENSIONS



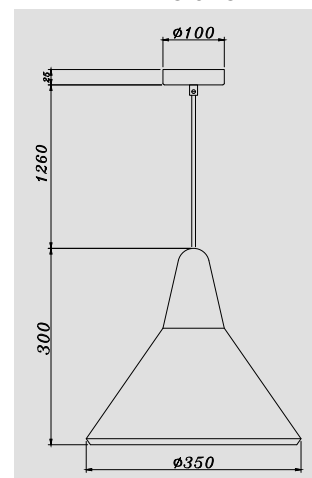
INDOOR METAL PENDANT

E27

BLACK
SYIPN008BKES



DIMENSIONS



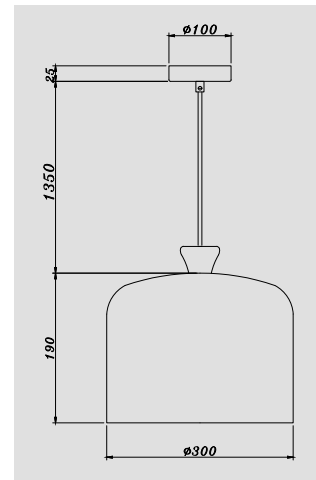
INDOOR METAL PENDANT

E27

GREY / WHITE
SYIPN009GRWHES



DIMENSIONS



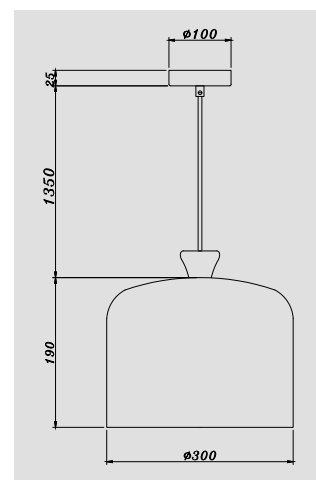
INDOOR METAL PENDANT

E27

WHITE
SYIPN009WHES



DIMENSIONS



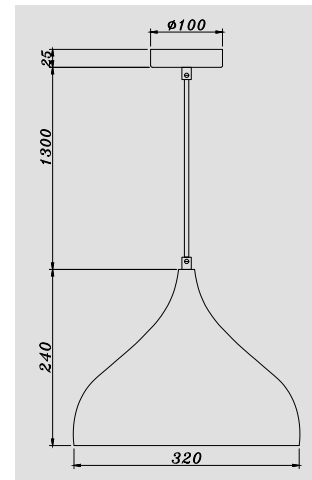
INDOOR METAL PENDANT

E27

GREY
SYIPN010GRES



DIMENSIONS



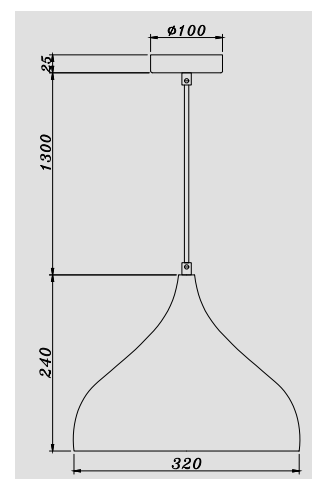
INDOOR METAL PENDANT

E27

WHITE
SYIPN010WHES

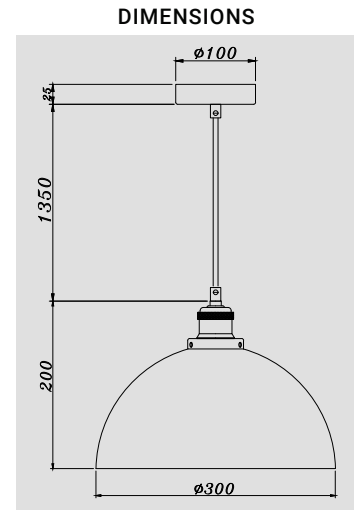


DIMENSIONS



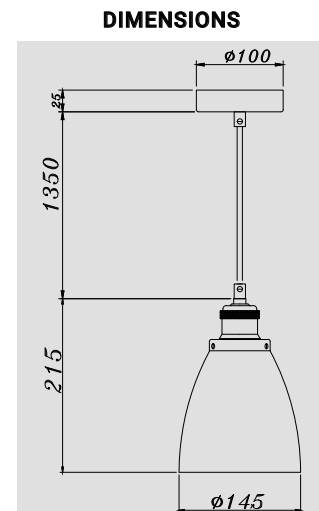
INDOOR GLASS PENDANT E27

MATT BROWN BRONZE
SYIPN011MBNBZES



INDOOR GLASS PENDANT E27

MATT BROWN BRONZE
SYIPN012MBNBZES



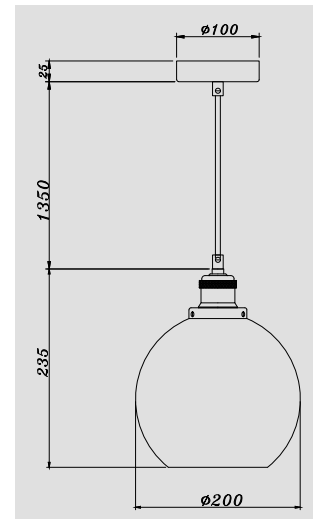
INDOOR GLASS PENDANT

E27

MATT BROWN BRONZE
SYIPN013MBNBZES



DIMENSIONS



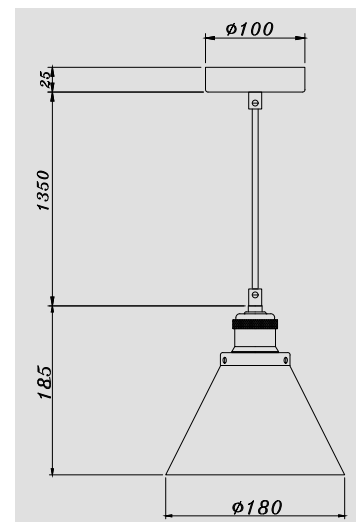
INDOOR GLASS PENDANT

E27

MATT BROWN BRONZE
SYIPN014MBNBZES



DIMENSIONS



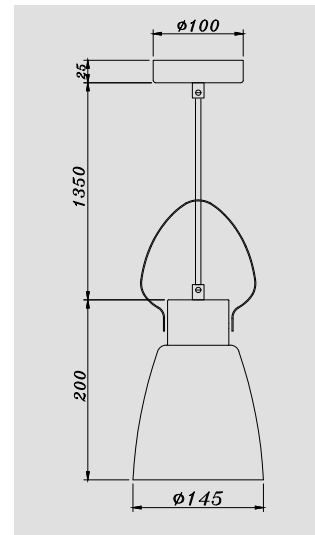
INDOOR GLASS PENDANT

E27

RED BRONZE
SYIPN015RDBZES



DIMENSIONS



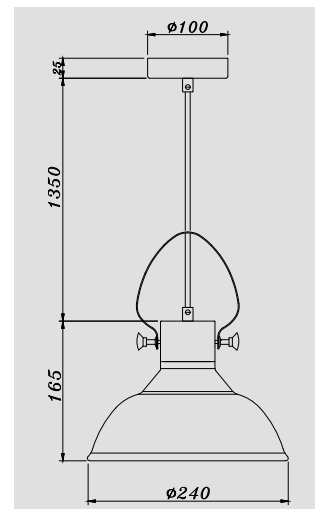
INDOOR GLASS PENDANT

E27

RED BRONZE
SYIPN016RDBZES



DIMENSIONS



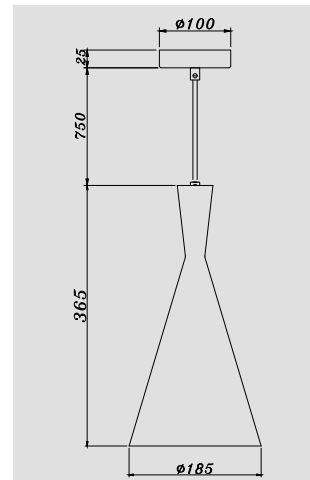
INDOOR METAL PENDANT

E27

MATT BLACK
SYIPN018MBKES



DIMENSIONS



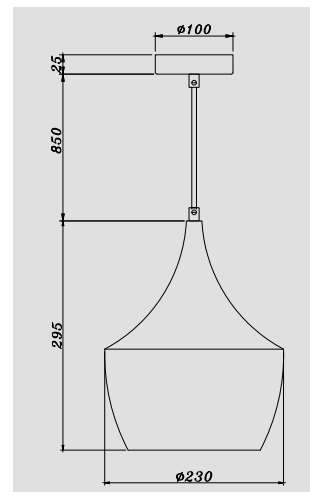
INDOOR METAL PENDANT

E27

MATT BLACK
SYIPN019MBKES



DIMENSIONS



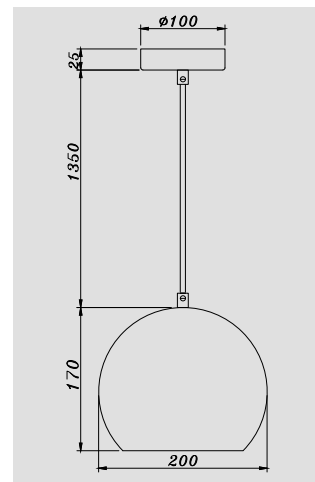
INDOOR METAL PENDANT

E27

ROSE GOLD
SYIPN020RSGDES



DIMENSIONS



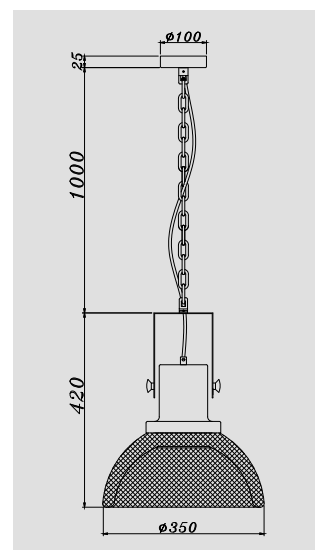
INDOOR METAL PENDANT

E27

MATT BLACK
SYIPN021MBKES



DIMENSIONS

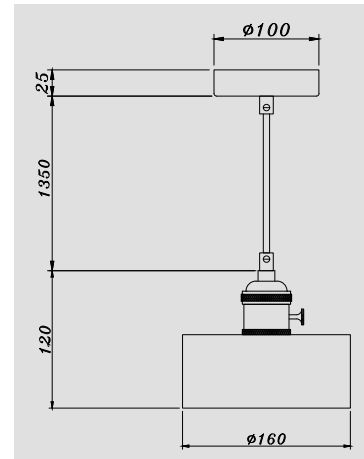


INDOOR CONCRETE PENDANT E27

SYIPN022CONES



DIMENSIONS

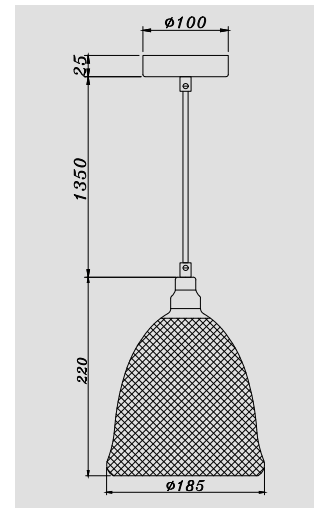


INDOOR METAL PENDANT E27

ROSE GOLD
SYIPN023RSGDES



DIMENSIONS



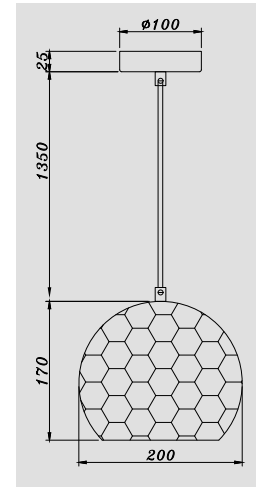
INDOOR METAL PENDANT

E27

ROSE GOLD
SYIPN024RSGDES



DIMENSIONS



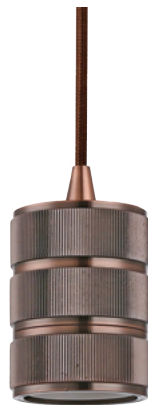
INDOOR ALUMINIUM PENDANT

E27

* Blister Packaging see picture on page 59

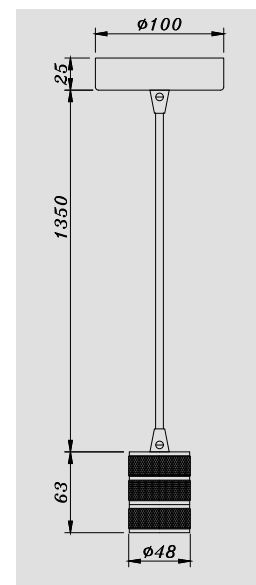


MATT NICKEL
SYIPLH001MNK



MATT RED BRONZE
SYIPLH001MRDBZ

DIMENSIONS



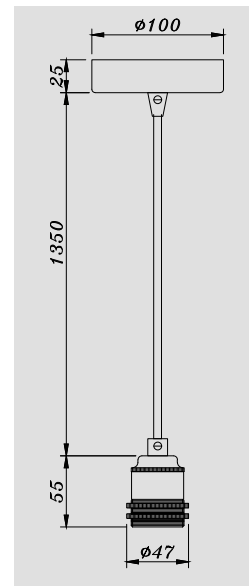
INDOOR ALUMINIUM PENDANT E27

MATT BROWN BRONZE
SYIPLH002MBNBZ

* Blister Packaging see picture on page 59



DIMENSIONS



INDOOR ALUMINIUM PENDANT E27

* Blister Packaging see picture on page 59



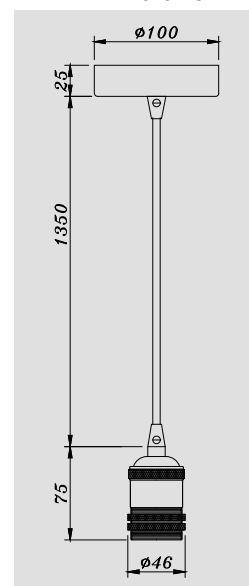
MATT BRONZE
SYIPLH003MBZ



MATT NICKEL
SYIPLH003MNK



DIMENSIONS



INDOOR ALUMINIUM PENDANT E27

* Blister Packaging see picture on page 59



MATT BRONZE
SYIPLH004MBZ



MATT NICKEL
SYIPLH004MNMK



MATT RED BRONZE
SYIPLH004MRDBZ



E27

IP20

RATING

MAX

60 WATTS

¹³

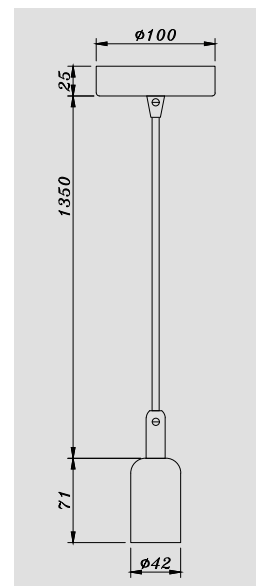
AL

ALUMINIUM

PLASTIC

LAMPHOLDER

DIMENSIONS



INDOOR SILICONE PENDANT E27

* Blister Packaging see picture on page 59



BLACK
SYIPLH005BK



WHITE
SYIPLH005WH



E27

IP20

RATING

MAX

60 WATTS

¹⁴

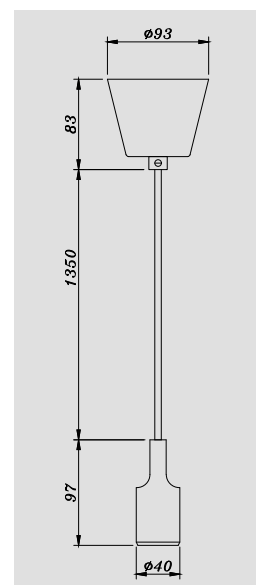
Si

SILICONE

PLASTIC

LAMPHOLDER

DIMENSIONS



INDOOR IRON PENDANT E27

* Blister Packaging see picture on page 59



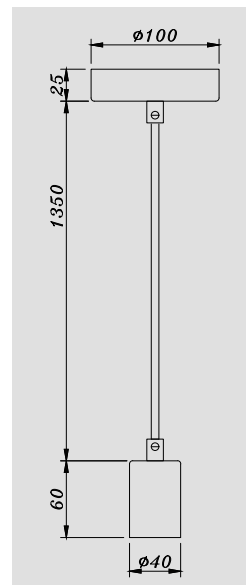
MATT BLACK
SYIPLH006MBK



MATT WHITE
SYIPLH006MWH



DIMENSIONS



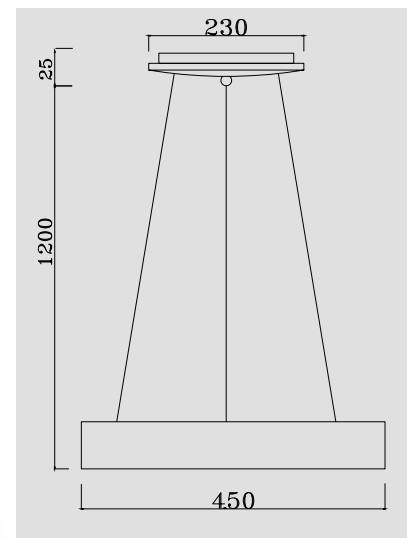
INDOOR LED PENDANT

27W

WHITE
SYIPN017WHCW



DIMENSIONS



2160lm LUMENS	4000K COOL WHITE	0.9 POWER FACTOR	20 000 HOURS	ACRYLIC & IRON MATERIAL	IP20 RATING	200° BEAM ANGLE
-------------------------	-------------------------------	-------------------------------	------------------------	---	-----------------------	------------------------------

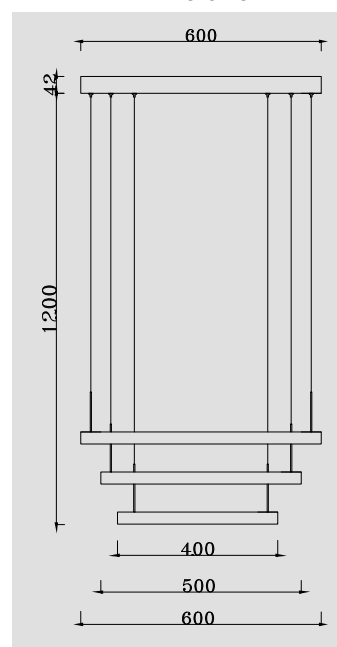
INDOOR LED CHANDELIER

80W DIMMABLE

WHITE
SYICH002CWDIM



DIMENSIONS



7500lm LUMENS	4000K COOL WHITE	0.9 POWER FACTOR	20 000 HOURS	ACRYLIC MATERIAL	IP20 RATING	120° BEAM ANGLE	 DIMMABLE
-------------------------	-------------------------------	-------------------------------	------------------------	----------------------------	-----------------------	------------------------------	---

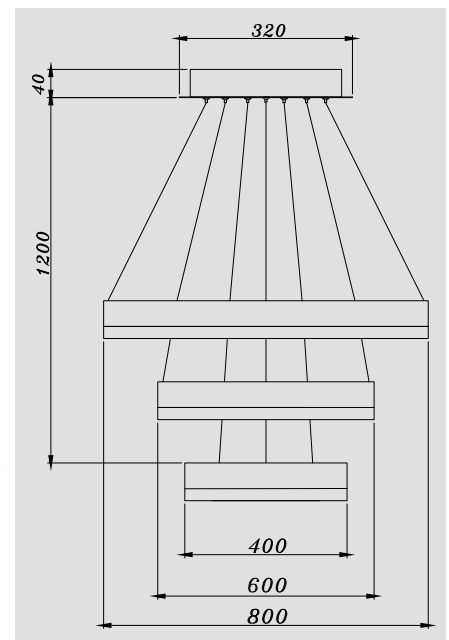
INDOOR LED CHANDELIER

90W DIMMABLE

WHITE
SYICH003CWDIM



DIMENSIONS



8600lm LUMENS	4000K COOL WHITE	0.9 POWER FACTOR	20 000 HOURS	ACRYLIC MATERIAL	IP20 RATING	120° BEAM ANGLE	 DIMMABLE
-------------------------	-------------------------------	-------------------------------	------------------------	----------------------------	-----------------------	------------------------------	---





OUTDOOR LIGHT FITTINGS

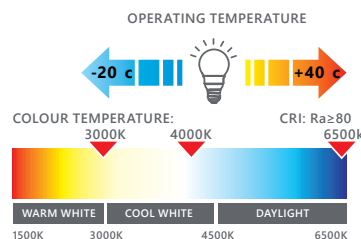
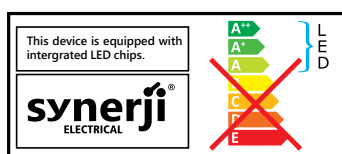


The Synerji Outdoor range consists of Bulkheads, Wall Lights, Pathway lights, Wall Lanterns and Spot Lights.

All Synerji Outdoor Fittings comply with the IEC 60598 standard.

CONTENTS

LED Pathlights	66-69
Outdoor Wall Lights	70-71
LED Bulkheads	72-73
LED Wall Lanterns	74-75
E27 Wall Lanterns	76-78
Spot Lights	79



OUTDOOR PATHLIGHT

4W

SYOPL002

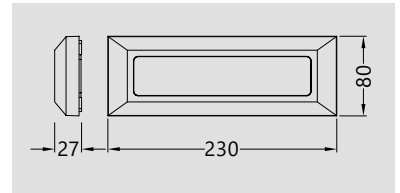
BLACK



WHITE



DIMENSIONS



260lm LUMENS	4000K COOL WHITE	30000 LIFESPAN HRS	0.5 POWER FACTOR	UV RESISTANT	IP65 RATING
------------------------	----------------------------	------------------------------	----------------------------	------------------------	-----------------------

OUTDOOR PATHLIGHT

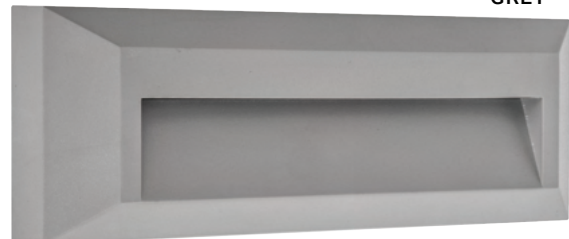
2W

SYOPL003

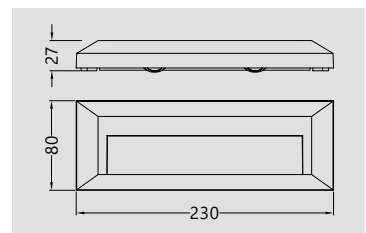
WHITE



GREY



DIMENSIONS



120lm LUMENS	4000K COOL WHITE	30000 LIFESPAN HRS	0.5 POWER FACTOR	UV RESISTANT	IP65 RATING
------------------------	----------------------------	------------------------------	----------------------------	------------------------	-----------------------

OUTDOOR PATHLIGHT

4W

SYOPL004

WHITE



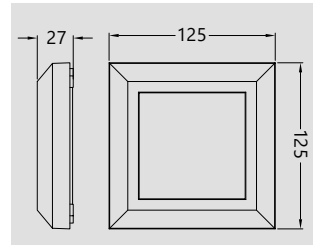
BLACK



GREY



DIMENSIONS



280lm LUMENS	4000K COOL WHITE	30000 LIFESPAN HRS	0.4 POWER FACTOR	UV RESISTANT	IP65 RATING
------------------------	----------------------------	------------------------------	----------------------------	------------------------	-----------------------

OUTDOOR PATHLIGHT

2W

SYOPL005

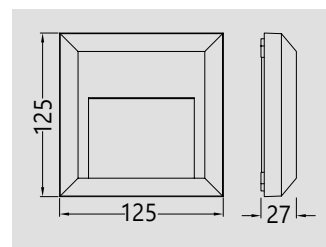
WHITE



BLACK



DIMENSIONS



60lm LUMENS	4000K COOL WHITE	30000 LIFESPAN HRS	0.3 POWER FACTOR	UV RESISTANT	IP65 RATING
-----------------------	----------------------------	------------------------------	----------------------------	------------------------	-----------------------

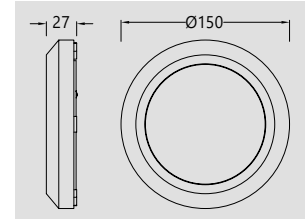
OUTDOOR PATHLIGHT

4W

SYOPL006



DIMENSIONS

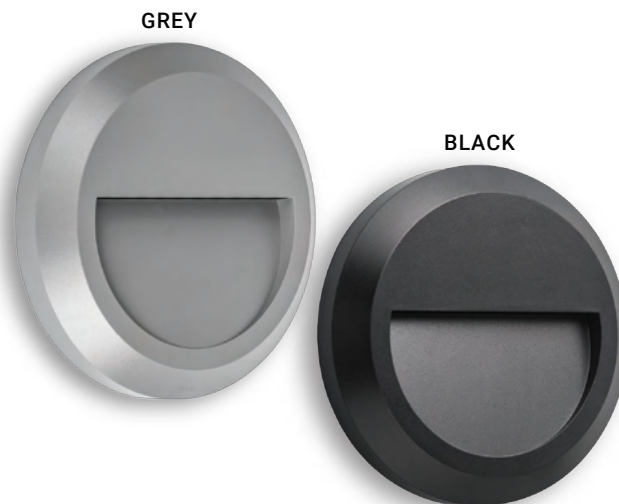


250lm LUMENS	4000K COOL WHITE	30000 LIFESPAN HRS	0.5 POWER FACTOR	UV RESISTANT	IP65 RATING
------------------------	-------------------------------	---------------------------------	-------------------------------	------------------------	-----------------------

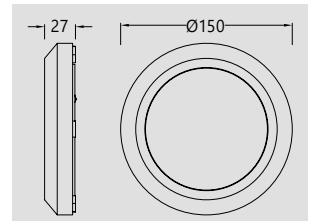
OUTDOOR PATHLIGHT

2W

SYOPL007



DIMENSIONS



50lm LUMENS	4000K COOL WHITE	30000 LIFESPAN HRS	0.4 POWER FACTOR	UV RESISTANT	IP65 RATING
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OUTDOOR PATHLIGHT

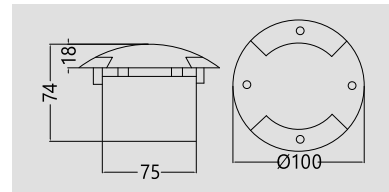
1W

SYOPL001

GREY



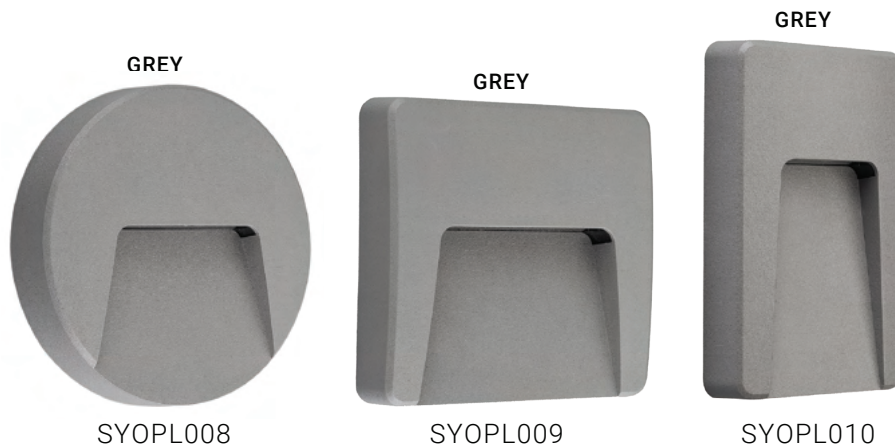
DIMENSIONS



9lm LUMENS	4000K COOL WHITE	30000 LIFESPAN HRS	0.2 POWER FACTOR	UV RESISTANT	IP65 RATING
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OUTDOOR PATHLIGHT

3W

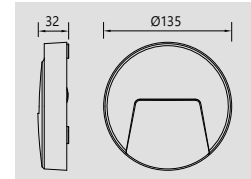


SYOPL008

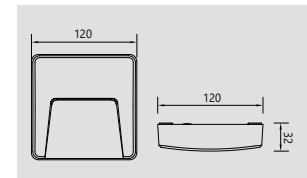
SYOPL009

SYOPL010

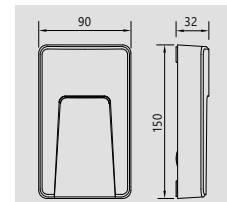
DIMENSIONS



DIMENSIONS



DIMENSIONS



100lm SYOPL008 SYOPL009 LUMENS	90lm SYOPL010 LUMENS	4000K COOL WHITE	30000 LIFESPAN HRS	0.5 POWER FACTOR	UV RESISTANT	IP65 RATING
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OUTDOOR WALL LIGHT

12W

SYOWL001

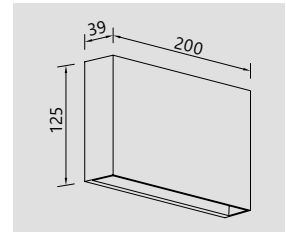


BLACK



WHITE

DIMENSIONS



700lm LUMENS	4000K COOL WHITE	30000 LIFESPAN HRS	0.5 POWER FACTOR	UV RESISTANT	IP65 RATING
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OUTDOOR WALL LIGHT

6W

SYOWL002

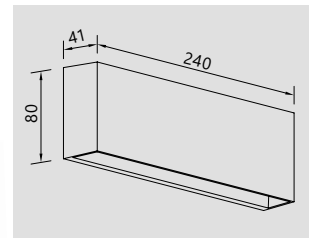


BLACK



WHITE

DIMENSIONS



400lm LUMENS	4000K COOL WHITE	30000 LIFESPAN HRS	0.5 POWER FACTOR	UV RESISTANT	IP65 RATING
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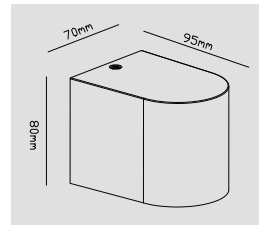
OUTDOOR WALL LIGHT GU10

SYOWL003

BLACK



DIMENSIONS



MAX
1x7W
GU10

UV
RESISTANT

IP44
RATING

* Lamps sold separately

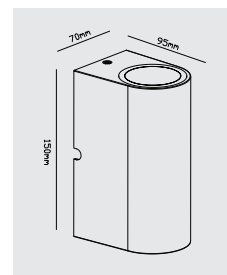
OUTDOOR WALL LIGHT GU10

SYOWL004

BLACK



DIMENSIONS



MAX
2x7W
GU10

UV
RESISTANT

IP44
RATING

* Lamps sold separately

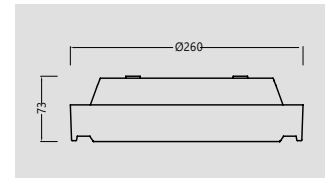
OUTDOOR BULKHEADS - ROUND

13W | 16W | 20W



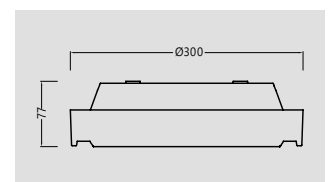
SYOBH004 - 13W

DIMENSIONS - 13W



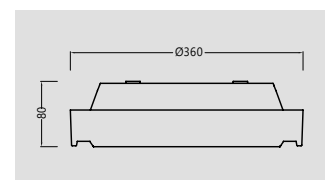
SYOBH005 - 16W (Available in Black)

DIMENSIONS - 16W



SYOBH006 - 20W

DIMENSIONS - 20W



13W 800lm LUMENS	16W 1000lm LUMENS	20W 1200lm LUMENS	13W&16W 0.8 POWER FACTOR	20W 0.9 POWER FACTOR	4000K COOL WHITE	30000 LIFESPAN HRS	UV RESISTANT	IP65 RATING
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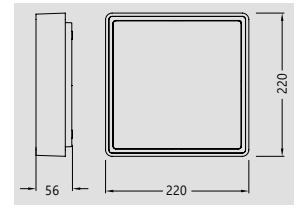
OUTDOOR BULKHEADS - SQUARE

10W | 16W | 21W



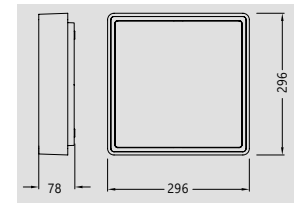
SYOBH001 - 10W

DIMENSIONS - 10W



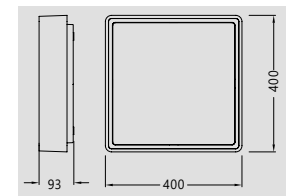
SYOBH002 - 16W

DIMENSIONS - 16W



SYOBH003 - 21W

DIMENSIONS - 21W



10W 850lm LUMENS	16W 900lm LUMENS	21W 1200lm LUMENS	10W&16W 0.8 POWER FACTOR	21W 0.9 POWER FACTOR	4000K COOL WHITE	30000 LIFESPAN HRS	UV RESISTANT	IP65 RATING
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OUTDOOR WALL LANTERNS
8W

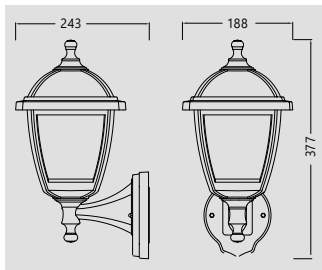


SYOWL006

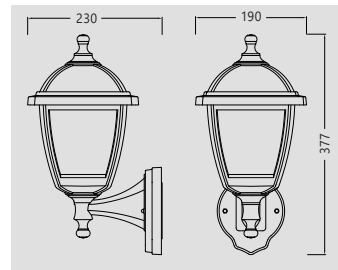


SYOWL010

DIMENSIONS



DIMENSIONS



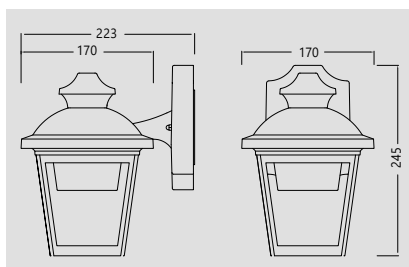
400lm LUMENS	4000K COOL WHITE	0.5 POWER FACTOR	30000 LIFESPAN HRS	UV RESISTANT	IP44 RATING
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OUTDOOR WALL LANTERNS
10W



SYOWL008

DIMENSIONS



400lm LUMENS	4000K COOL WHITE	0.5 POWER FACTOR	30000 LIFESPAN HRS	UV RESISTANT	IP44 RATING
------------------------	-------------------------------	-------------------------------	---------------------------------	------------------------	-----------------------

OUTDOOR WALL LANTERNS

E27

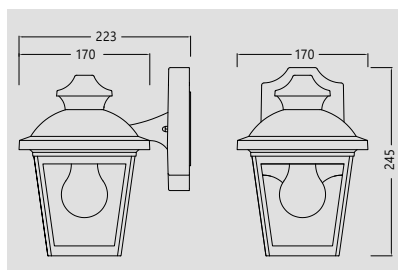


SYOWL007

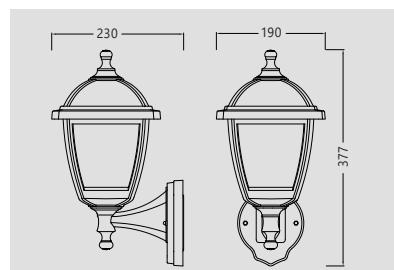


SYOWL009

DIMENSIONS



DIMENSIONS



 E27	MAX 60W	UV RESISTANT	IP44 RATING
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OUTDOOR WALL LANTERNS

E27

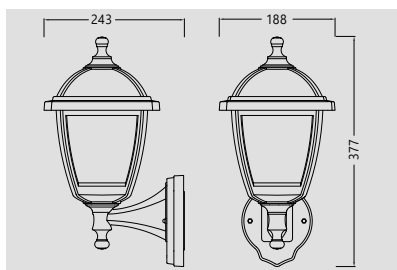


SYOWL005

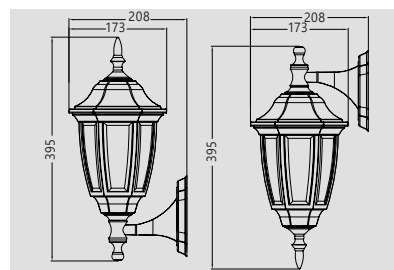


SYOWL011

DIMENSIONS



DIMENSIONS



 E27	MAX 60W	UV RESISTANT	IP44 RATING
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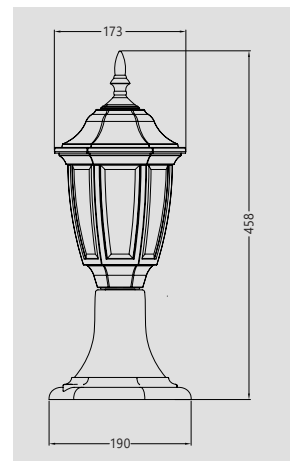
OUTDOOR WALL LANTERNS

E27

SYOWL012



DIMENSIONS



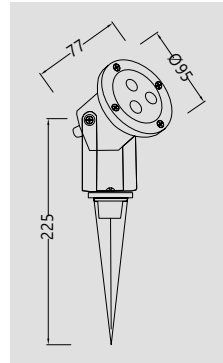
LED OUTDOOR SPOT LIGHT

3W

SYOSL003



DIMENSIONS



130lm LUMENS	4000K COOL WHITE	30000 LIFESPAN HRS	0.5 POWER FACTOR	UV RESISTANT	IP65 RATING	30cm RUBBER CABLE
------------------------	----------------------------	------------------------------	----------------------------	------------------------	-----------------------	-------------------

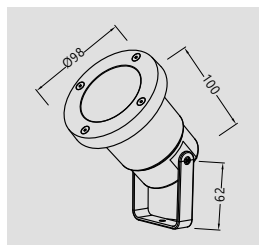
OUTDOOR SPOT LIGHTS

GU10



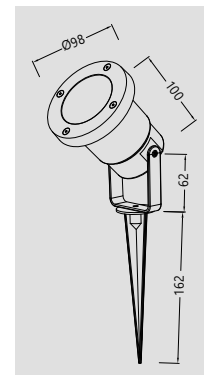
SYOSL001

DIMENSIONS



SYOSL002

DIMENSIONS



GU10	MAX 1x7W GU10	UV RESISTANT	IP65 RATING
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* Lamp sold separately



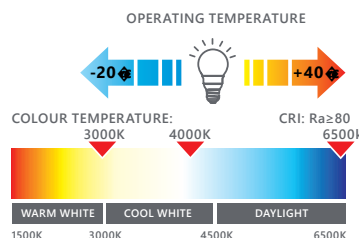
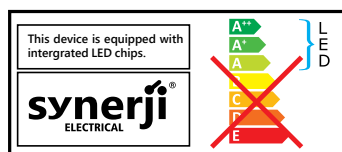


The **Synerji Floodlights** have proven to be dependable and durable in the market, especially in areas with an erratic electricity supply. They have an aluminium body with tempered glass and stainless-steel screws. Recommended for general lighting of outside areas, from domestic gardens to large parking areas and sports fields.

All Synerji Floodlights comply with the IEC 60598 standard.

CONTENTS

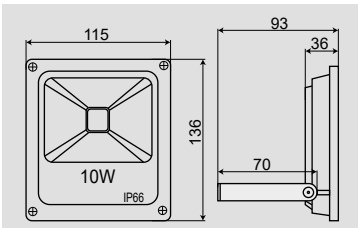
LED Slim Floodlights 10W/20W/30W	82
NEW LED Slim Floodlights with IP65 PIR 10W/20W/30W	83
LED Slim Floodlights 10W/20W 12V	84
LED Solar Floodlights 60W	85
LED Slim Floodlights 50W/100W	86
LED Slim Floodlights 150W /200W	87
LED MCOB Floodlights 300W/400W	88
LED Modular Floodlights 150W/200W	89



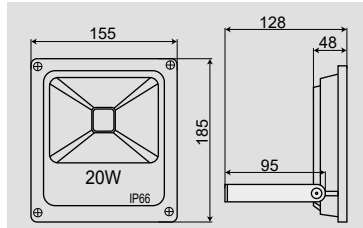
SLIM FLOODLIGHT
10W | 20W | 30W



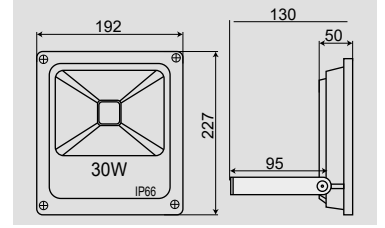
DIMENSIONS



DIMENSIONS



DIMENSIONS

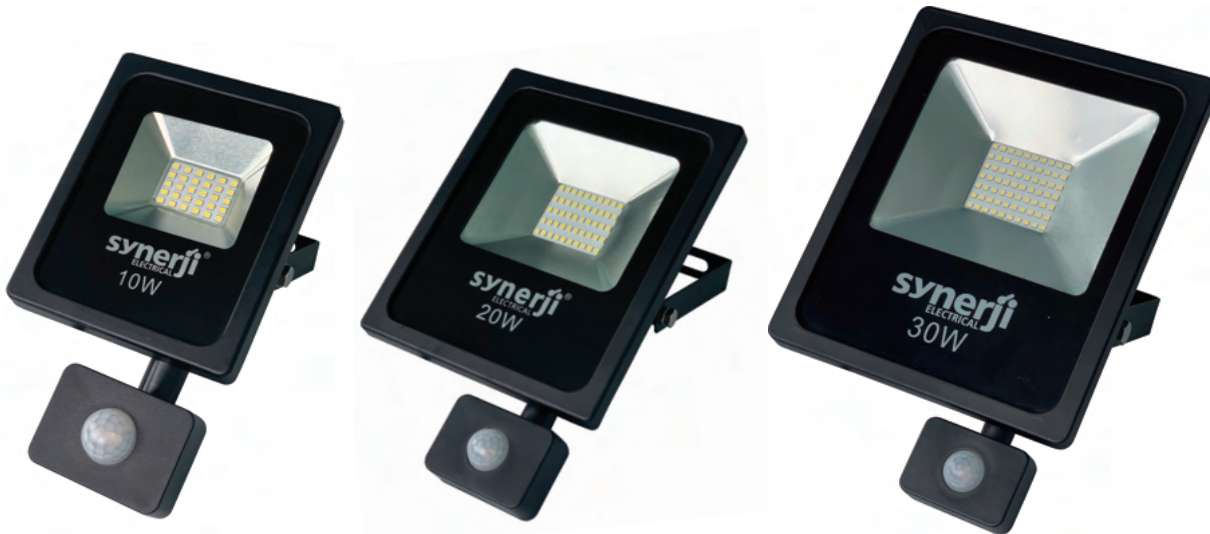
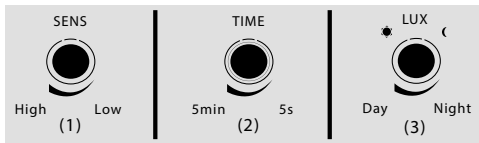


10W 1000lm LUMENS	20W 2350lm LUMENS	30W 3500lm LUMENS	120° BEAM ANGLE	35000 LIFESPAN HRS	0.95 POWER FACTOR	IP66 RATING	3000K WARM WHITE	4000K COOL WHITE	6000K DAYLIGHT
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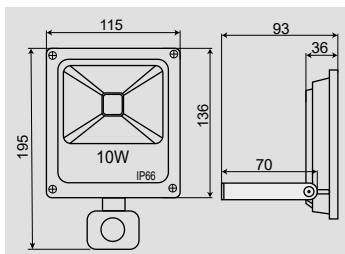
NEW SLIM FLOODLIGHT

10W | 20W | 30W PIR WITH IP65 RATING

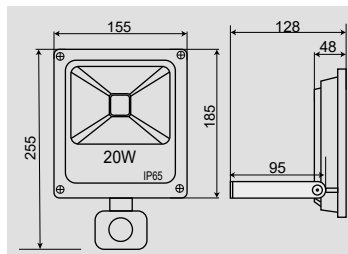
AUTOMATIC SENSOR SETTINGS AND EXPLANATION



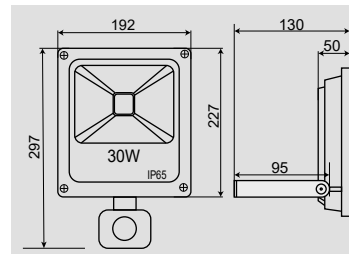
DIMENSIONS



DIMENSIONS



DIMENSIONS



10W 1000lm LUMENS	20W 2350lm LUMENS	30W 3500lm LUMENS	120° BEAM ANGLE	35000 LIFESPAN HRS	0.95 POWER FACTOR	IP65 RATING	3000K WARM WHITE	4000K COOL WHITE	6000K DAYLIGHT
--------------------------------	--------------------------------	--------------------------------	------------------------------	---------------------------------	--------------------------------	-----------------------	-------------------------------	-------------------------------	--------------------------

SLIM FLOODLIGHT

10W | 20W 12V

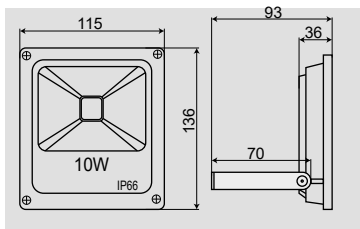


SYLF010WBKSLMDL12V

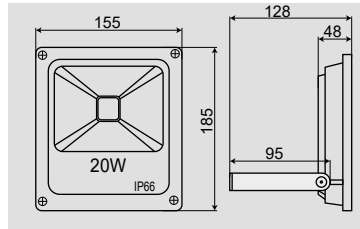


SYLF020WBKSLMDL12V

DIMENSIONS



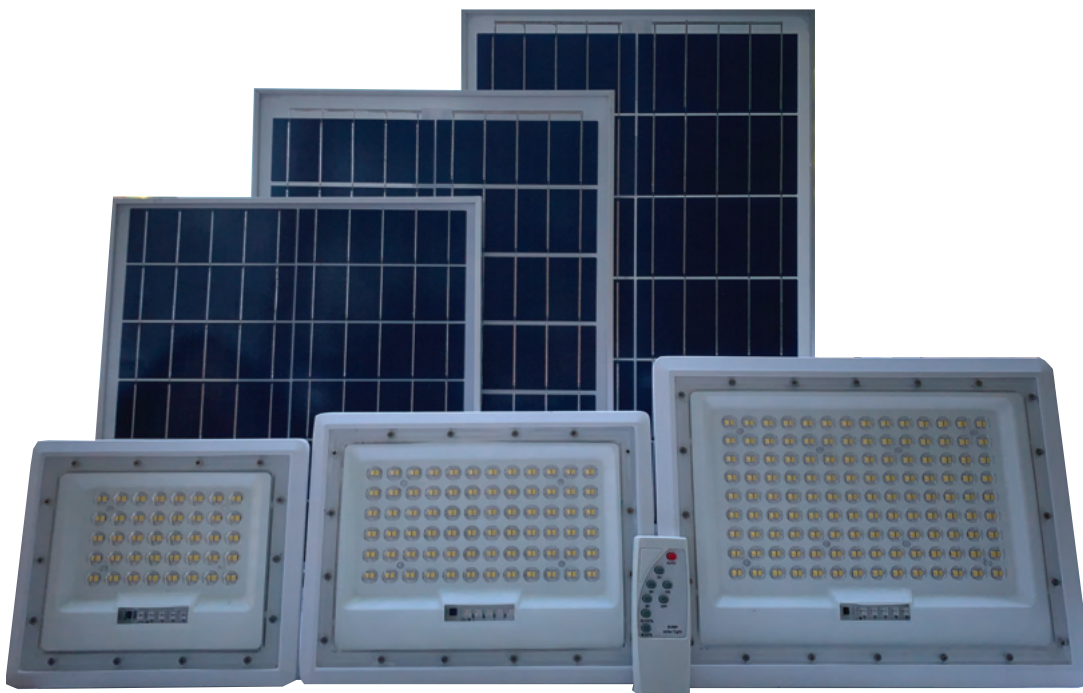
DIMENSIONS



10W 1000lm LUMENS	20W 2350lm LUMENS	120° BEAM ANGLE	35000 LIFESPAN HRS	0.95 POWER FACTOR	IP66 RATING	6000K DAYLIGHT
--------------------------------	--------------------------------	------------------------------	---------------------------------	--------------------------------	-----------------------	--------------------------

SOLAR FLOODLIGHTS

50W | 100W | 150W



FLOODLIGHTS

50W

- Actual power = 6W
- 850 lm
- 6500 k

100W

- Actual power = 7W
- 1100 lm
- 6500 k

150W

- Actual power = 9W
- 1500 lm
- 6500 k

SOLAR PANELS

	50W	100W	150W
Rated Voltage	6V	6V	6V
Rated Current	2.6A	3.33A	4.1A
Peak Power	16W	20W	25W

SLIM FLOODLIGHT

50W | 100W



SYLF050WBKSLMDL

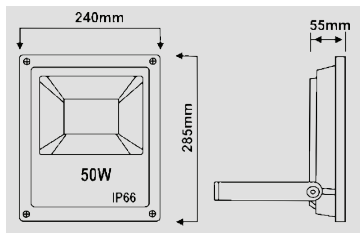


SYLF100WBKSLMDL

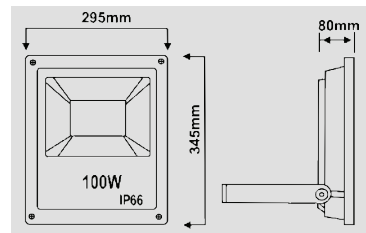


IP66 Connector fitted for quick wire connection

DIMENSIONS



DIMENSIONS



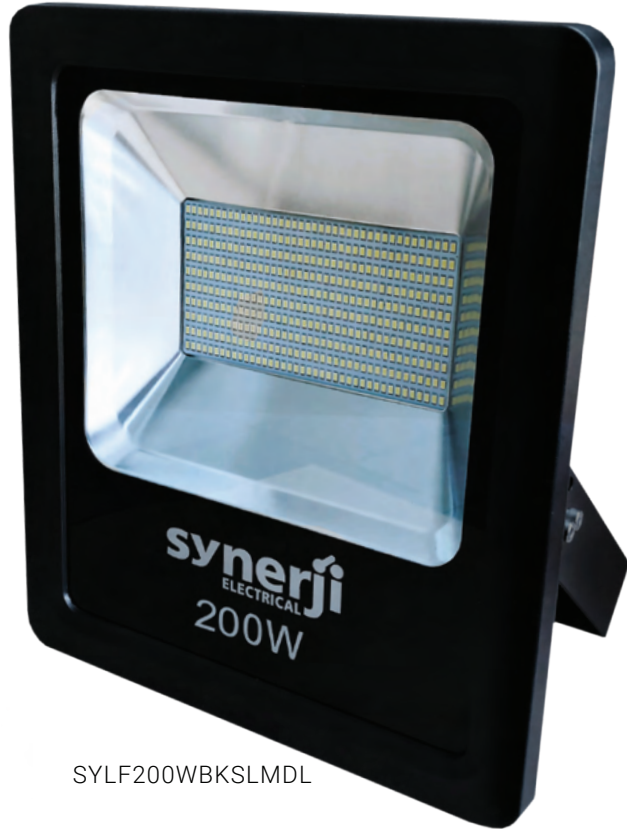
50W 3980lm LUMENS	100W 7800lm LUMENS	IP66 CONNECTOR	6000K DAYLIGHT	120° BEAM ANGLE	35000 LIFESPAN HRS	0.95 POWER FACTOR	IP66 RATING
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SLIM FLOODLIGHT

150W | 200W



SYLF150WBKSLMDL

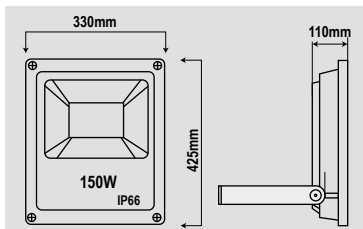


SYLF200WBKSLMDL

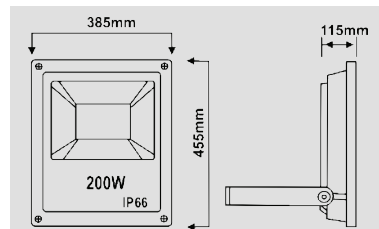


IP66 Connector fitted for quick wire connection

DIMENSIONS



DIMENSIONS



150W 12260lm LUMENS	200W 16800lm LUMENS	IP66 CONNECTOR	6000K DAYLIGHT	120° BEAM ANGLE	35000 LIFESPAN HRS	0.95 POWER FACTOR	IP66 RATING
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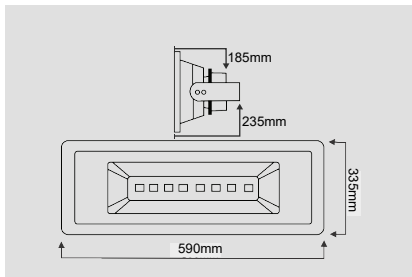
COB FLOODLIGHT
300W | 400W



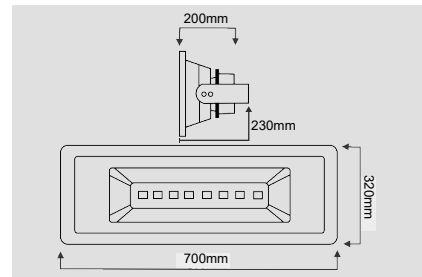
SYLF300WBKDL

SYLF400WBKDL

DIMENSIONS - 300W



DIMENSIONS - 400W

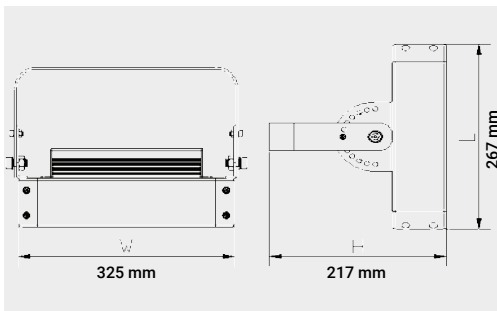


300W 27000lm LUMENS	400W 35800lm LUMENS	6000K DAYLIGHT	120° BEAM ANGLE	35000 LIFESPAN HRS	0.95 POWER FACTOR	IP66 RATING
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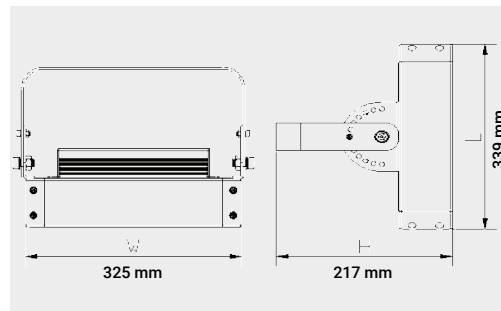
MODULAR LED FLOODLIGHT
150W | 200W



DIMENSIONS



DIMENSIONS



150W
18750lm
LUMENS

200W
25000lm
LUMENS

6500K
DAYLIGHT

50000
LIFESPAN
HRS

0.95
POWER
FACTOR

**100-
240V**
VOLTAGE

IP95
RATING



INDUSTRIAL SOLUTIONS

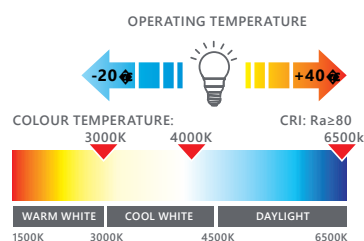
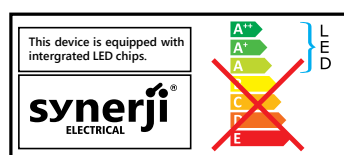
Synerji Electrical has a range of high-quality Industrial fittings to provide a solution for your needs.

IES files are available for lighting designs.

All Synerji Industrial Fittings comply with the IEC 60598 standard.

CONTENTS

LED T8 Glass Tubes	92
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Weatherproof Fittings - Wired for LED Tubes	94
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LED Linear High Bays	97
LED Canopy Fittings	98



T8 GLASS TUBES

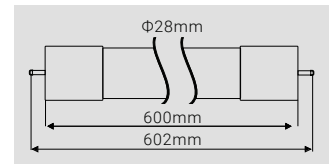
9W | 14W | 18W | 24W



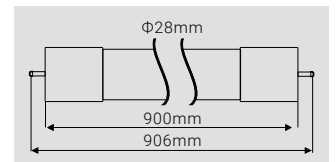
DIMENSIONS



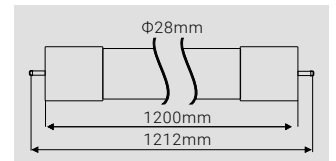
SYLEDT09W



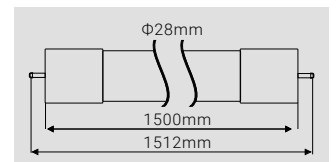
SYLEDT14W



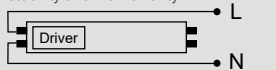
SYLEDT18W



SYLEDT24W



Built-in driver gives no compromise on stability and life warranty.



	9W 900lm LUMENS	14W 1400lm LUMENS	18W 1800lm LUMENS	24W 2400lm LUMENS	270° BEAM ANGLE	25000 LIFESPAN HRS	0.90 POWER FACTOR		3000K WARM WHITE	4000K COOL WHITE	6500K DAYLIGHT
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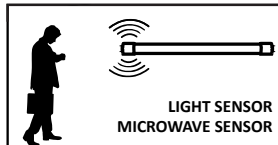


T8 GLASS TUBE WITH MICROWAVE SENSOR



18W

SYLEDTG18WSENDL



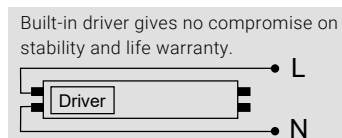
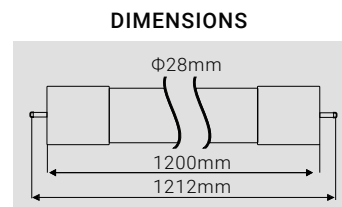
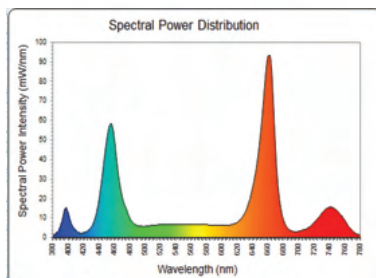
	1800lm DAYLIGHT	270° BEAM ANGLE	25000 LIFESPAN HRS	0.90 POWER FACTOR		6500K DAYLIGHT	4Ft only 1200mm
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T8 PLANT GROWTH TUBE



16W

SYLEDT16W



	120° BEAM ANGLE	0.90 POWER FACTOR	230V 50-60Hz		4Ft only 1200mm
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T8 WEATHERPROOF FITTING
WIRED FOR LED TUBES

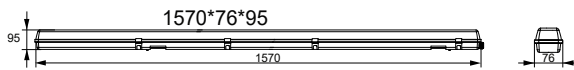
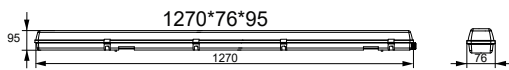
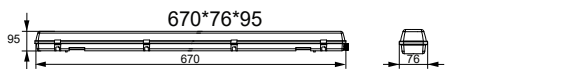


SINGLE | DOUBLE
SYFWWLED

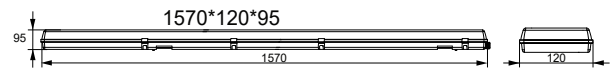
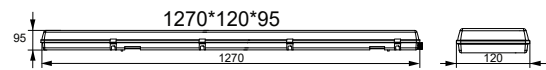
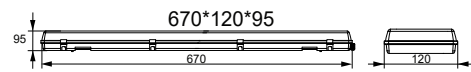


GEAR TRAY HOLDER

DIMENSIONS - SINGLE



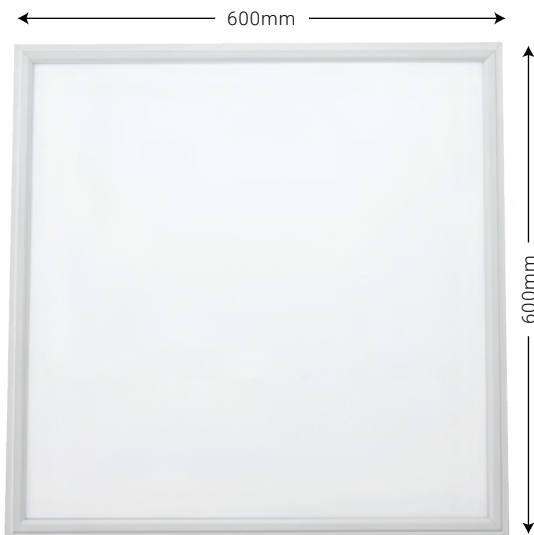
DIMENSIONS - DOUBLE



- INDOOR/
OUTDOOR
- CORROSION
PROOF
- WATER
PROOF
- DUST
PROOF
- NON
DIMMABLE

PANEL LIGHT (PMMA)
32W | 68W

**Flicker
FREE**



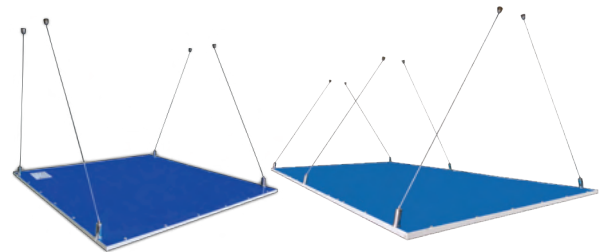
SYLFPN0606032W

ACCESSORIES

SURFACE MOUNT ALUMINIUM BRACKET
SYLFPNSB06060 / SYLFPNSB12060



SURFACE HANGING CABLE
SYLFPNSBCH06060 / SYLFPNSBCH12060



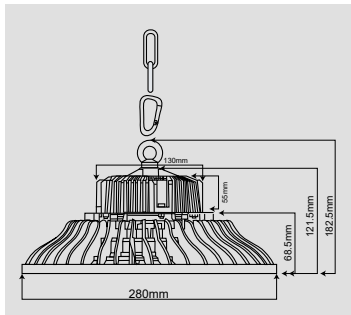
SYLFPN1206068W

32W 3000lm LUMENS	68W 6800lm LUMENS	30000 LIFESPAN HRS	0.95 POWER FACTOR	IP20 RATING
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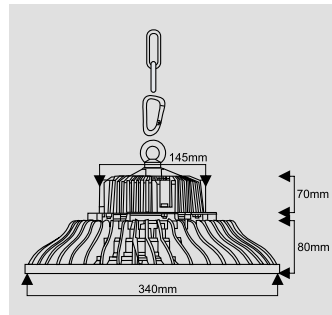
UFO HIGH BAY
100W | 150W | 200W



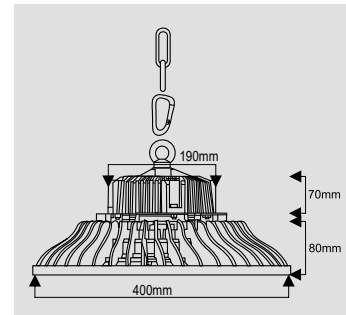
DIMENSIONS - 100W



DIMENSIONS - 150W



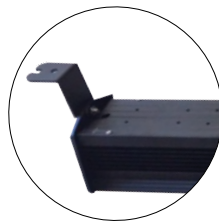
DIMENSIONS - 200W



100W 11700lm LUMENS	150W 19300lm LUMENS	200W 25200lm LUMENS	90° BEAM ANGLE	35000 LIFESPAN HRS	0.95 POWER FACTOR	IP65 RATING	4000K COOL WHITE	6000K DAYLIGHT
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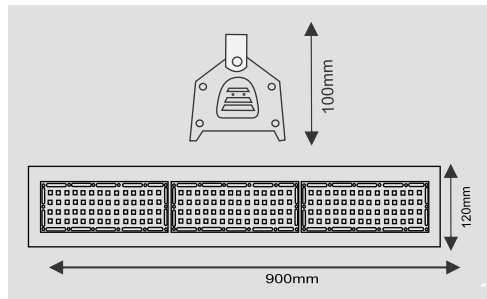
LINEAR HIGH BAY

150W



SYLHBLIN150WDL

DIMENSIONS

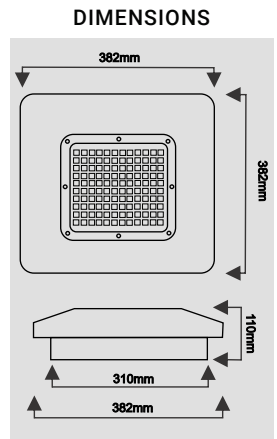
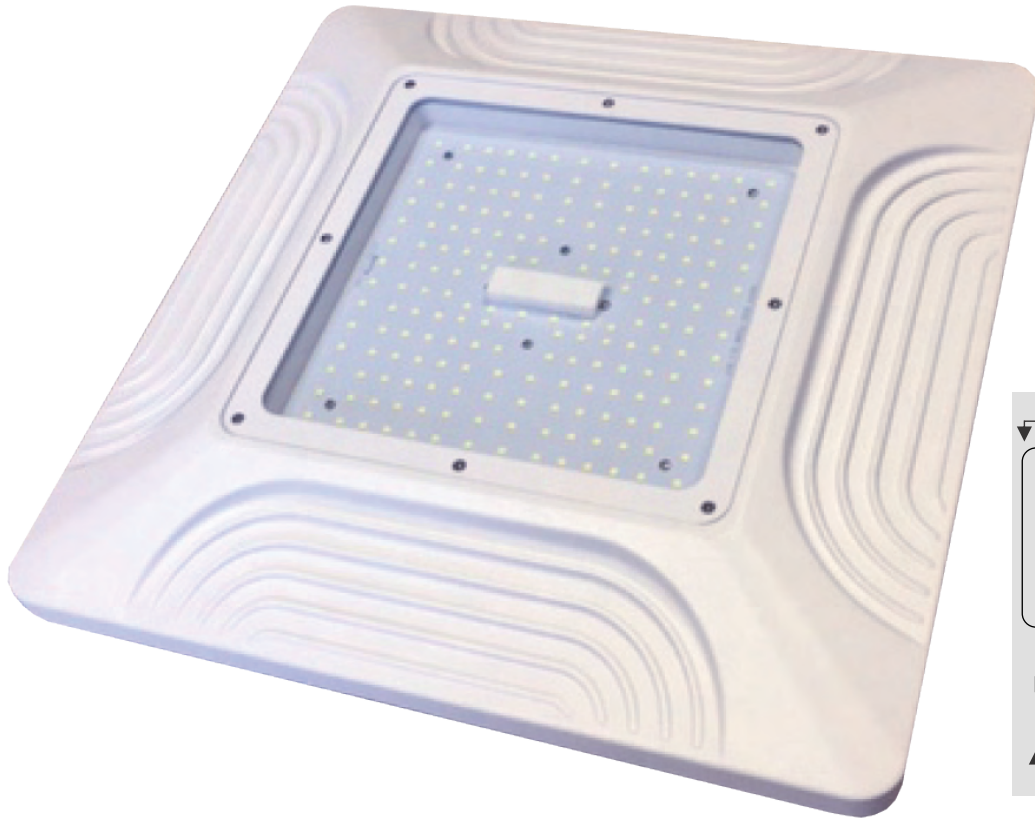


18700lm	6000K	90°	35000	0.95	IP65
LUMENS	DAYLIGHT	BEAM ANGLE	LIFESPAN HRS	POWER FACTOR	RATING



CANOPY FITTING
150W

SYLHBPET150WDL



Available as Die Cast

17600lm LUMENS	6000K DAYLIGHT	120° BEAM ANGLE	35000 LIFESPAN HRS	0.95 POWER FACTOR	IP65 RATING
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MARINE SOLUTIONS

Add your text here

CONTENTS

Product	00
Product	00
Product	00
Product	00
Product	00



HEADING
PRODUCT REF



HEADING
PRODUCT REF

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EMERGENCY LIGHTING

Add your text here

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Rechargeable Emergency Torches	112
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Product	00
Product	00

EMERGENCY TORCH WIDE

SYE001



EMERGENCY TORCH SLIM

SYE002





HEADING
PRODUCT REF



HEADING
PRODUCT REF

HEADING
PRODUCT REF





RENEWABLE SOLUTIONS

Synerji Electrical has a range of Pumps and Solar Inverters to provide a variety of solutions for domestic irrigation, swimming Pools, agriculture and domestic solar power. The **370W, 550W, 750W and 220V Domestic Pumps** have an electrophoretic pump body and motor front cover \ with an embedded brass plate and brass impeller.

The **120W – 1000W Submersible Pumps** feature a three-phase brushless motor. The outlet, Pump & Motor Body are made of Stainless Steel. The **500W, 600W Solar Pool Pump** features a built-in 48V charge Controller, while the **1000W Solar Pool pump** has a separate 110V charge controller.

The range of Synerji inverters includes the 3KVA 3000W off grid, 5KVA 5000W off grid and 5KVA 5000W On/off grid.

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Domestic Pumps	102-105
Solar Pool Pumps	106
Solar Submersible Pumps	107-111
Solar Inverters	112-113
Pro Series Pure Sine Wave Inverters	114

DOMESTIC WATER PUMP

370W - 220V

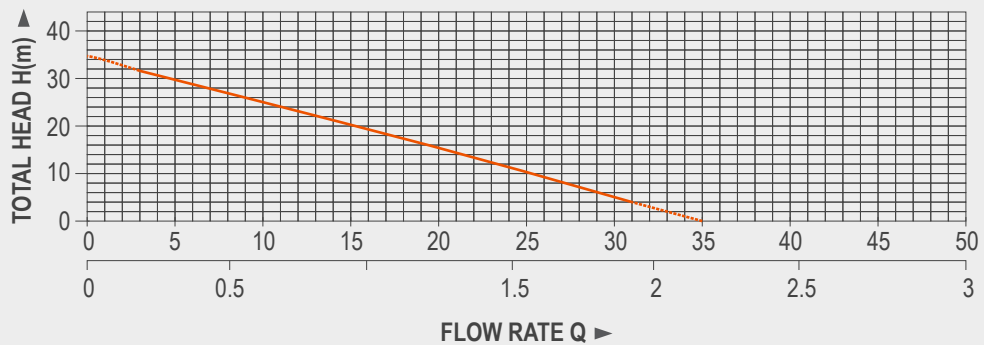
SYPDM220V35L370W



PERFORMANCE TABLE

TYPE	Q (m ³ /h)	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1
	Q (L/min)	0	5	10	15	20	25	30	35
370W	H(m)	35	27	25	18	14	11	5	2

PERFORMANCE CHART AT n=2900rpm



35L/min MAX FLOW RATE	35m MAX HEAD	1" INLET OUTLET SIZE
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DOMESTIC WATER PUMP

550W - 220V

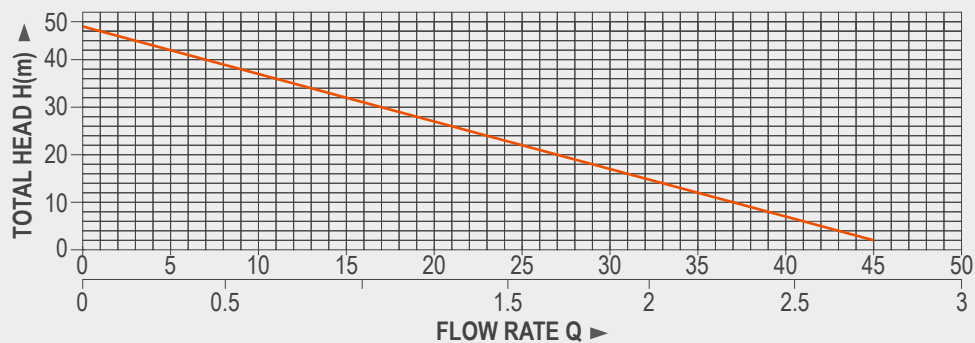
SYPDM220V45L550W



PERFORMANCE TABLE

TYPE	Q (m ³ /h)	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4
	Q (L/min)	0	5	10	15	20	25	30	35	40
550W	H(m)	48	44	40	37	31	20	16	13	2.5

PERFORMANCE CHART AT n=2900rpm



45L/min
MAX FLOW RATE

48m
MAX HEAD

1"
INLET OUTLET SIZE

DOMESTIC WATER PUMP

750W - 220V

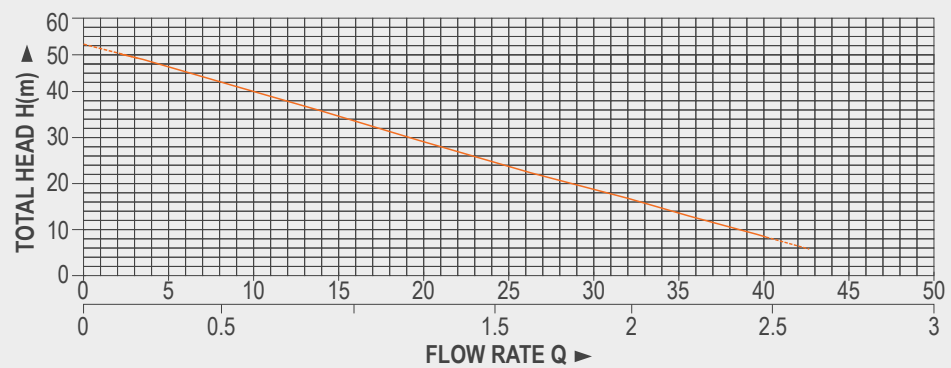
SYPDM220V45L750W



PERFORMANCE TABLE

TYPE	Q (m ³ /h)	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7
	Q (L/min)	0	5	10	15	20	25	30	35	40	4.5
750W	H(m)	53	45	44	37	27	20	16	13	4	2

PERFORMANCE CHART AT n=2900rpm



45L/min MAX FLOW RATE	53m MAX HEAD	1" INLET OUTLET SIZE
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DOMESTIC WATER PUMP

1100W - 220V

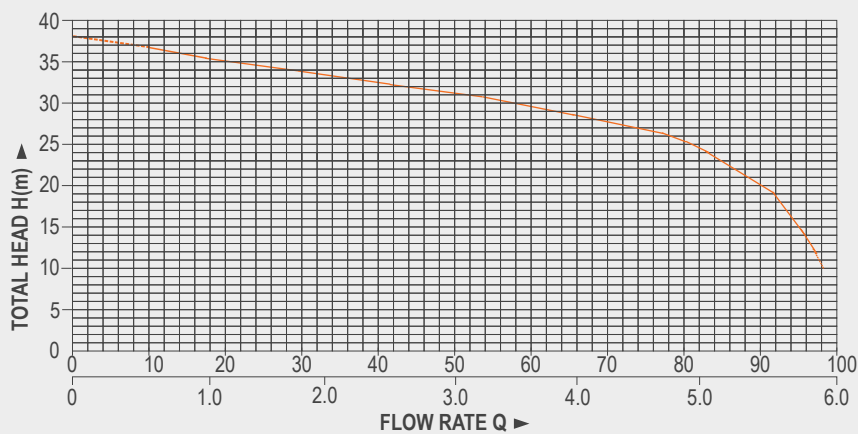
SYPDM1100W



PERFORMANCE TABLE

TYPE	Q (m ³ /h)	0	1	2	3	4	5	6
	Q (L/min)	0	17	33	50	67	83	100
1100W	H(m)	38	35	33	31	28	25	10

PERFORMANCE CHART AT n=2900rpm



220V 50Hz	100L/min MAX FLOW RATE	38m MAX HEAD	1" INLET OUTLET
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SOLAR POOL PUMP 600W



SYPSOP48V15MF600W



PUMP SPECIFICATIONS

- 48V | 600W
- 11m³/h Max flow rate
- 12m head (Max) @ 1.3m³/h
- 3m head @ 11m³/h
- 2 X 2" (50mm) Inlet/Outlet size

CONTROLLER SPECIFICATIONS

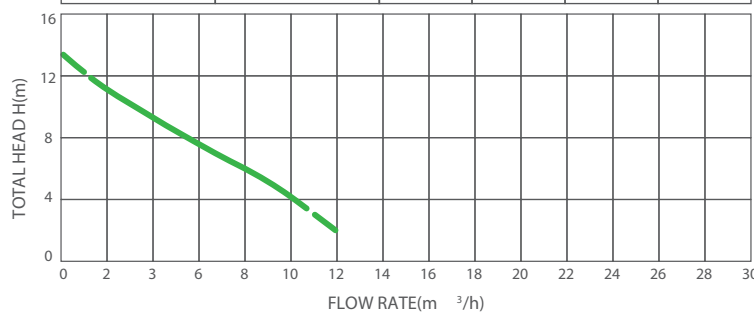
- Max. 100VDC
- Min. VOC: 68VDC
- Rate Current: 10A
- Max. Current: 10A

PV SOLAR PANEL SPECIFICATIONS (RECOMMENDED)

- 2 x 395W
- Min. 1.3x load in Watts
- <100 VOC

PERFORMANCE TABLE

TYPE	Q (m ³ /h)	0	4	8	12
600W	H(m)	14	8	6	2



WHATS IN THE BOX

- 600W Solar Pool Pump
- Built-in 100VDC Solar Charge Controller
- 1x Heat Shrinkable tube
- 1.5m cable with MC4 connector

WHAT ELSE IS NEEDED

- Cable (< 50m use 4mm² cable, > 50m use 6mm² cable)

SOLAR SUBMERSIBLE PUMP

120W 0.76m³h

SYPSOS24V0.76MF120W



PUMP SPECIFICATIONS

- 24V | 120W
- 0.76m³h Max flow rate
- 55m Max head
- 3/4" Outlet size
- 3" Diameter

CONTROLLER SPECIFICATIONS

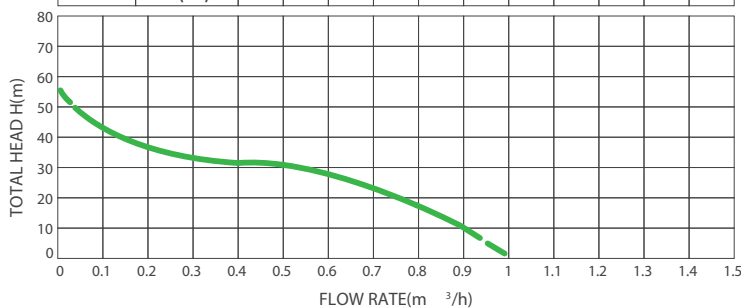
- Rated Voltage: 24VDC
- Rated Current: 10A
- Maximum Open Circuit Voltage (VOC): 50 VDC
- Maximum Power: 200W
- Ambient Temperature: -20°C ~ + 50°C

PV SOLAR PANEL SPECIFICATIONS (RECOMMENDED)

- 1x 160W
- Min. 1.3x load in Watts
- <50 VOC

PERFORMANCE TABLE

TYPE	Q (m ³ /h)	0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
120W	H(m)	55	41	35	33	31	30	25	22	15	10	1



WHATS IN THE BOX

- 120W Solar Submersible Pump
- Separate 24V Solar Charge controller
- 1x Heat Shrinkable tube
- 1.5m cable with MC4 connector

WHAT ELSE IS NEEDED

- Cable (< 50m use 4mm² cable, > 50m use 6mm² cable)

SOLAR SUBMERSIBLE PUMP

210W 1.25m³h

SYPSOS36V1.25MF210W



PUMP SPECIFICATIONS

- 36V | 210W
- 1.25m³h Max flow rate
- 90m Max head
- 3/4" Outlet size
- 3" Diameter

CONTROLLER SPECIFICATIONS

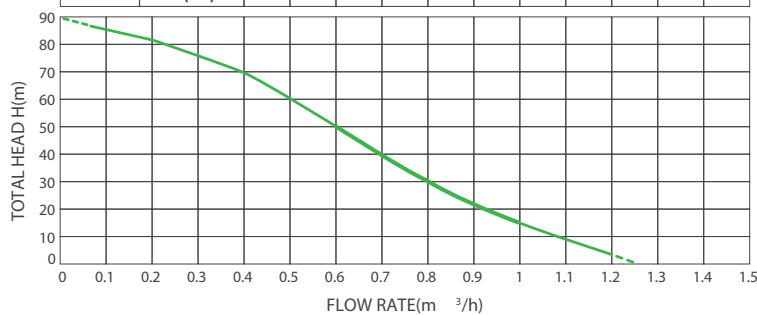
- Rated Voltage: 48VDC
- Rated Current: 10A
- Maximum Open Circuit Voltage (VOC): 100 VDC
- Maximum Power: 500W
- Ambient Temperature: -20°C ~ + 50°C

PV SOLAR PANEL SPECIFICATIONS (RECOMMENDED)

- 1 x 320W
- Min. 1.3x load in Watts
- <100 VOC

PERFORMANCE TABLE

TYPE	Q (m ³ /h)	0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
210W	H(m)	90	85	82	75	70	60	50	42	30	17	15



WHATS IN THE BOX

- 210W Solar Submersible Pump
- Separate 48V Solar Charge controller
- 1x Heat Shrinkable tube
- 1.5m cable with MC4 connector

WHAT ELSE IS NEEDED

- Cable (< 50m use 4mm² cable, > 50m use 6mm² cable)

SOLAR SUBMERSIBLE PUMP

500W 1.4m³h

SYPSOS48V1.4MF500W



PUMP SPECIFICATIONS

- 48V | 500W
- 1.4m³h Max flow rate
- 120m Max head
- 3/4" Outlet size
- 3" Diameter

CONTROLLER SPECIFICATIONS

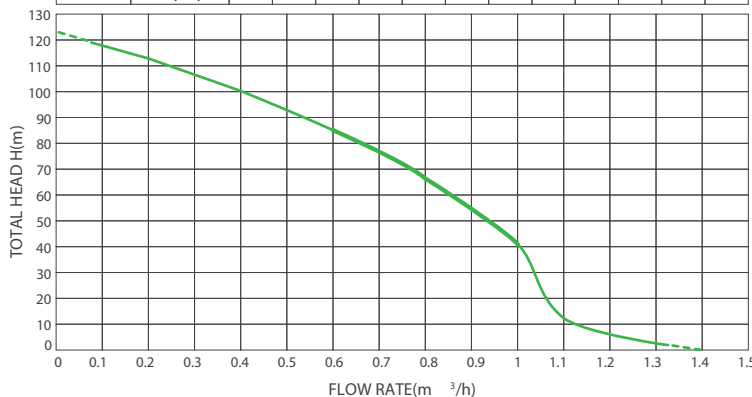
- Rated Voltage: 48VDC
- Rated Current: 10A
- Maximum Open Circuit Voltage (VOC): 100 VDC
- Maximum Power: 500W
- Ambient Temperature: -20°C ~ + 50°C

PV SOLAR PANEL SPECIFICATIONS (RECOMMENDED)

- 2 x 330W
- Min. 1.3x load in Watts
- <100 VOC

PERFORMANCE TABLE

TYPE	Q (m ³ /h)	0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.1
500W	H(m)	120	115	110	105	98	90	82	75	65	55	40	12



WHATS IN THE BOX

- 500W Solar Submersible Pump
- Separate 48V Solar Charge controller
- 1x Heat Shrinkable tube
- 1.5m cable with MC4 connector

WHAT ELSE IS NEEDED

- Cable (< 50m use 4mm² cable, > 50m use 6mm² cable)

SOLAR SUBMERSIBLE PUMP

500W 2.5m³h

SYPSOS48V2.5MF500W



PUMP SPECIFICATIONS

- 48V | 500W
- 2.5m³h Max flow rate
- 70m Max head
- 1" Outlet size
- 4" Diameter

CONTROLLER SPECIFICATIONS

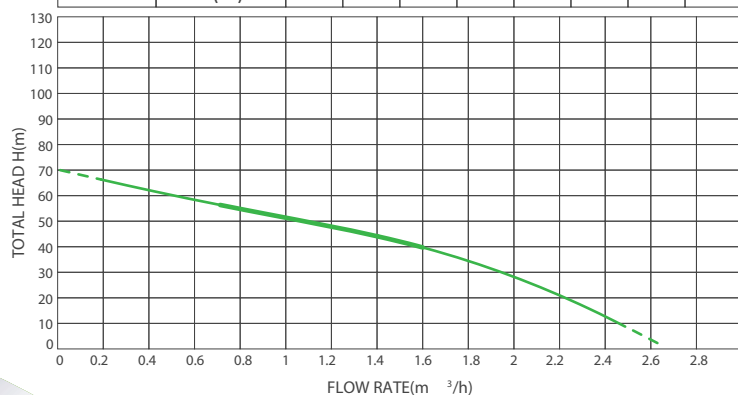
- Rated Voltage: 48VDC
- Rated Current: 10A
- Maximum Open Circuit Voltage (VOC): 100 VDC
- Maximum Power: 500W
- Ambient Temperature: -20oC ~ + 50oC

PV SOLAR PANEL SPECIFICATIONS (RECOMMENDED)

- 2 x 330W
- Min. 1.3x load in Watts
- <100 VOC

PERFORMANCE TABLE

TYPE	Q (m ³ /h)	0	0.4	0.8	1.2	1.6	2	2.4	2.6
500W	H(m)	70	62	55	48	40	28	12	4



WHATS IN THE BOX

- 500W Solar Submersible Pump
- Separate 48V Solar Charge controller
- 1x Heat Shrinkable tube
- 1.5m cable with MC4 connector

WHAT ELSE IS NEEDED

- Cable (< 50m use 4mm² cable, > 50m use 6mm² cable)

SOLAR SUBMERSIBLE PUMP

1000W 2.5m³h

SYPSOS110V2.5MF1000W



PUMP SPECIFICATIONS

- 110V | 1000W
- 2.5m³h Max flow rate
- 125m Max head
- 1" Outlet size
- 4" Diameter

CONTROLLER SPECIFICATIONS

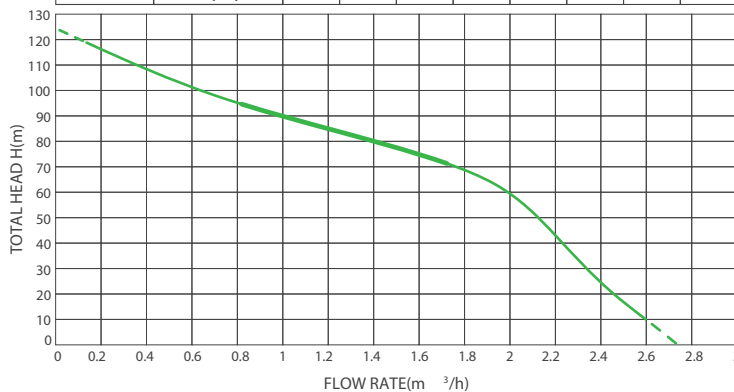
- Rated Voltage: 110VDC
- Rated Current: 12.5A
- Maximum Open Circuit Voltage (VOC): 200 VDC
- Maximum Power: 1200W
- Ambient Temperature: -20°C ~ + 50°C

PV SOLAR PANEL SPECIFICATIONS (RECOMMENDED)

- 4 x 330W
- Min. 1.3x load in Watts
- <200 VOC

PERFORMANCE TABLE

TYPE	Q (m ³ /h)	0	0.4	0.8	1.2	1.6	2	2.4	2.6
1000W	H(m)	125	108	95	85	75	58	24	8



WHATS IN THE BOX

- 1000W Solar Submersible Pump
- Separate 110V Solar Charge controller
- 1x Heat Shrinkable tube
- 1.5m cable with MC4 connector

WHAT ELSE IS NEEDED

- Cable (< 50m use 4mm² cable, > 50m use 6mm² cable)

OFF GRID SOLAR INVERTER 3KVA HIGH FREQUENCY



SYSV18-3K PK



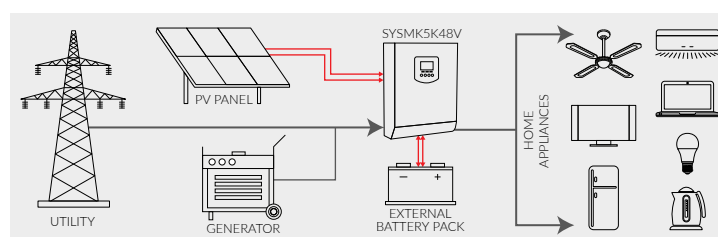
FEATURES

- Rated power 3KVA
- Nominal Battery System Voltage 24VDC
- Pure sine wave output
- Smart LCD setting (Working modes, Charge Current, Charge Voltage, etc.)
- Built-in PWM 50A solar charge controller
- Combining solar system, AC utility, and battery power source to supply continuous power
- Overload, short circuit and Deep discharge protection
- Cold start function
- WIFI/GPRS remote monitoring (optional)
- Support USB, RS485 monitoring function with free CD
- Compatible with generator
- IP20 Rating

INVERTER OUTPUT		SOLAR CHARGER	
Rated Power	24VDC / 3000VA / 3000W	Rated Current	50A
Surge Power	6000VA	System Voltage	24VDA
AC Voltage Regulation (Batt. Mode)	220VAC-240VAC	Operating Voltage	30 - 32VDC
Inverter Efficiency (Peak)	>93%	Max. Solar Voltage	70VDC
Transfer Time	10ms (FST, APL) , 20ms (SLO)	Max. Charge Current	80A
AC CHARGER		MECHANICAL SPECIFICATIONS	
AC Input	230VAC / 50Hz / 17.7A	Dimensions (W*H*D)	272*355*100mm
DC Output	27VDC 20A / 30A	Packaging Dimensions (W*H*D)	465*373*231mm
BATTERY		Net Weight (kg)	7.8
Normal Voltage	24VDC	Gross Weight (kg)	10.3
Floating Charge Voltage	27VDC	OTHER	
Overcharge Protection	31VDC	Humidity	5% to 95% Relative Humidity (Non-condensing)
Output Protection requires 16Amp Circuit Breaker		Operating Temperature	0°C -50°C
		Storage Temperature	-15°C -60°C

APPROXIMATE BACK-UP TIME TABLE

MODEL	LOAD (VA)	BACK-UP TIME@24V 100Ah(min)	BACK-UP TIME@24V 200Ah(min)
3KVA	300	449	1100
	1500	68	164
	3000	28	67



OFF GRID SOLAR AXPERT INVERTER

5KVA / 5KW 80 AMP



SYSMK5K48V

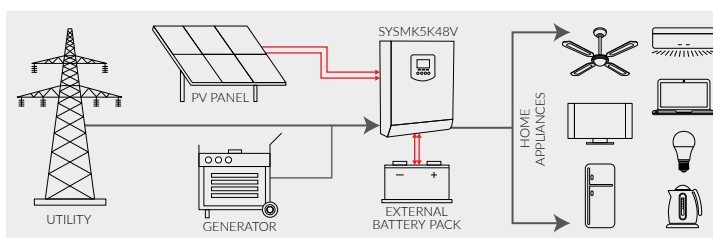


FEATURES

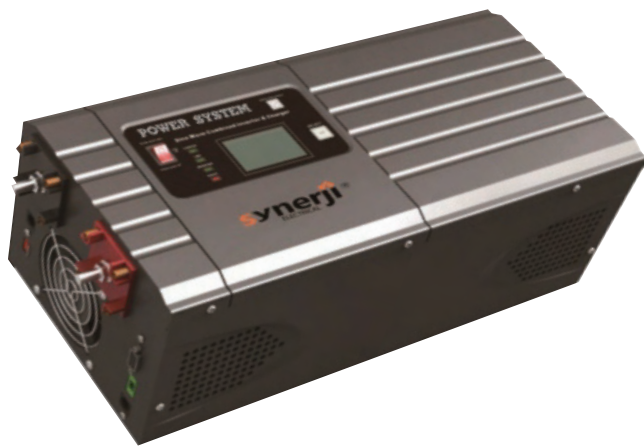
- Rated power 5000VA / 5000W
- Rated current 80A
- Nominal battery system voltage 48VDC
- DC input 48VDC, 117A
- AC output 230 VAC, 50/60Hz
- Pure sine wave inverter
- Built-in MPPT solar charge controller
- Selectable input voltage range for home appliances and personal computers
- Selectable charging current based on applications
- Configurable AC / Solar input priority via LCD setting
- Compatible to AC mains or generator power
- Battery equalization for optimized battery performance and life-cycle
- Parallel operation with up to 9 units

INVERTER	
Rated Power	5000VA / 5000W
Parallel Capability	9 units
INPUT	
Voltage	230VAC
Selectable Voltage Range	170-280VAC (For personal computers) 90-280VAC (For home appliances)
Frequency Range	50Hz/60Hz (Auto sensing)
OUTPUT	
AC Voltage Regulation	230VAC +-5%
Surge Power	10000VA
Efficiency (Peak)	93%
Transfer time	10ms (For personal computers) 20ms (For home appliances)
Waveform	Pure sine wave
BATTERY	
Battery Voltage	48VDC
Floating Charge Voltage	54VDC (Max 58VDC)
Overcharge Protection	60VDC
SOLAR CHARGER & AC CHARGER	
Max. PV Array Power	4000W
MPPT range at operating voltage	60VDC ~ 115VDC
Max. PV array open circuit voltage	145VDC
Max. Solar Charge Current	80A
Max. AC Charge Current	60A
Max. Charge Current	140A
MECHANICAL SPECIFICATIONS	
Dimensions (W*H*D)	295*468*120mm
Net Weight (kg)	13.5
OTHER	
Humidity	5% to 95% Relative Humidity (Non-condensing)
Operating Temperature	0°C -55°C
Storage Temperature	-15°C -60°C

Typical transfer time for parallel operation is 30ms. Product specifications are subject to change without further notice.



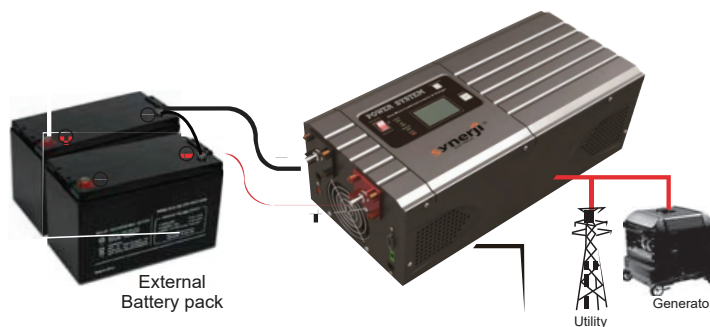
LOW FREQUENCY POWER INVERTER SYSP 3000 PRO SERIES



FEATURES

- Rated power 1kw to 3kw
- Nominal Battery System Voltage 24VDC
- Pure sine wave output
- 3 times surge power
- Wide frequency 40Hz-80Hz
- Overload and short circuit protection
- Built-in pure copper UI transformer
- Smart battery charger designed for optimized battery performance
- Cold start function
- Support RS232 monitoring function with free CD
- Support BTS and AGS function
- DIP Switch offers customized performance
- Compatible with generator
- **Separate solar charge controller required to connect to solar panels (see connection diagram)**

System Connection







OTHER PRODUCTS

Synerji Electrical offers some “must have” products which every electrician needs to complete the job. On top of this we offer the full Duracell Battery catalogue.

The Kengo Heater and Pop Up Socket, as well as the Cheer Open Channel fittings, are exclusive to Electrobase members only.

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Cheer Open Channel Fitting	139
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DAY/NIGHT SWITCHES

16A | 25A

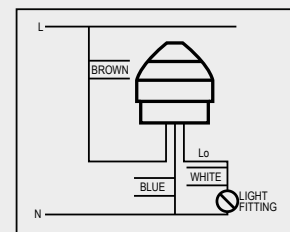
DAY / NIGHT - 25A
STSYDNS25A



NEMA - 16A
STSYNS416



WIRING DIAGRAM



TEMP -20°C -80°C	ON 60 LUX	OFF 90 LUX / 1.5 x ON LEVEL	DELAY 20-30 SECONDS	SANS 1777 COMPLIANT	 NON DIMMABLE
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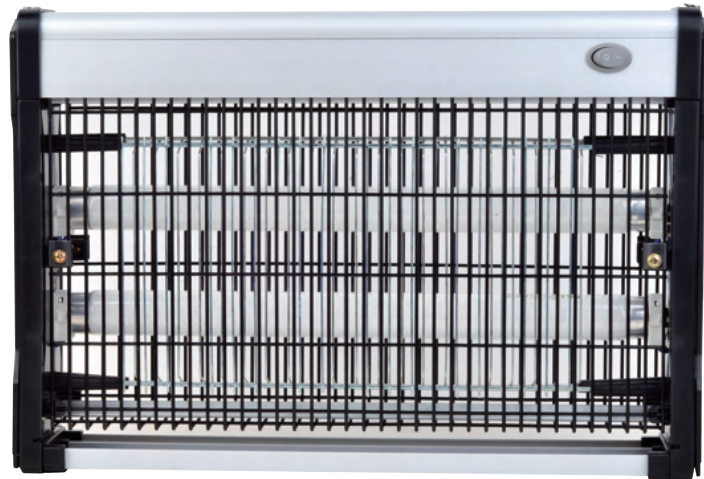
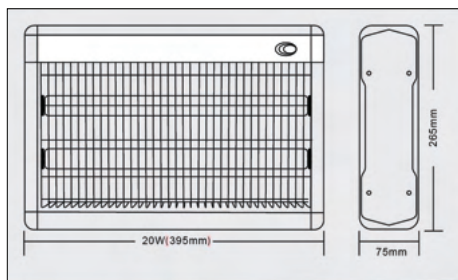
PVC GLUE



STSYCOMDPVCWELD200ML

INSECT KILLER
2 X 10W

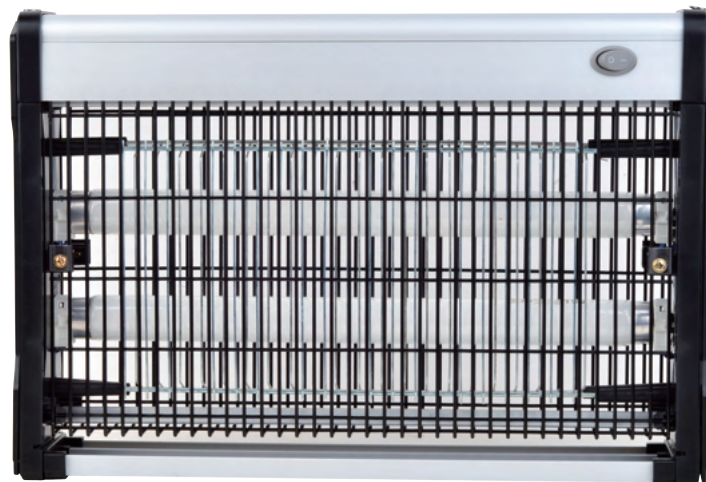
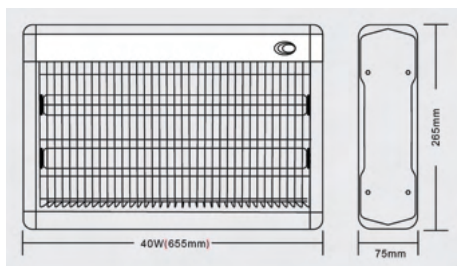
SYIK001



230V VOLTAGE	¹³ AL ALUMINIUM	SILVER+ BLACK COLOUR	2 X 10W T8 FLUORESCENT TUBES WATTAGE
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INSECT KILLER
2 X 20W

SYIK003



230V VOLTAGE	¹³ AL ALUMINIUM	SILVER+ BLACK COLOUR	2 X 10W T8 FLUORESCENT TUBES WATTAGE
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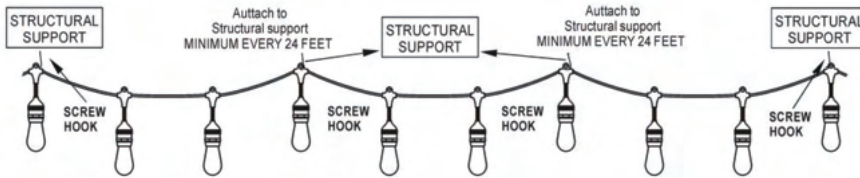
**GU10 MAXI LAMPHOLDER
IP66**



GU10 MAXI LAMPHOLDER

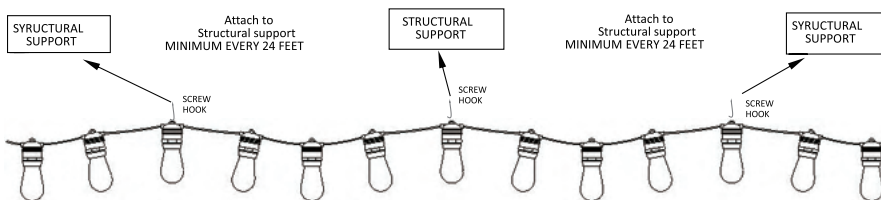


FESTOON LAMPS HANGING (10M LEAD)



750W per 100m MAX WATTAGE	240V VOLTAGE	RUBBER CABLE + SOCKET MATERIAL	BLACK COLOUR
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FESTOON LAMPS STRAIGHT



750W per 100m MAX WATTAGE	240V VOLTAGE	RUBBER CABLE + SOCKET MATERIAL	BLACK COLOUR
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WIRE CONNECTORS IP66

10A



CON661P1.5MM

24A



CON661P2.5MM

T CONNECTOR



CONT68IP1.5/2.5mm
IP68

P66	WIRE	10A	24A
RATING	MARKINGS	Ø1.5mm	Ø2.5mm

STRIP CONNECTORS



6Amp
CON06

15Amp
CON15

30Amp
CON30

450V T80	6Amp= 1.5-6mm²	15Amp= 2.5-10mm²	30Amp= 4.0-16mm²
12 WAY	0.5NM	0.8NM	1.2NM

Cheer

OPEN CHANNEL FITTING WIRED FOR LED T8 TUBES



• Synerji LED T8 Tubes sold separately

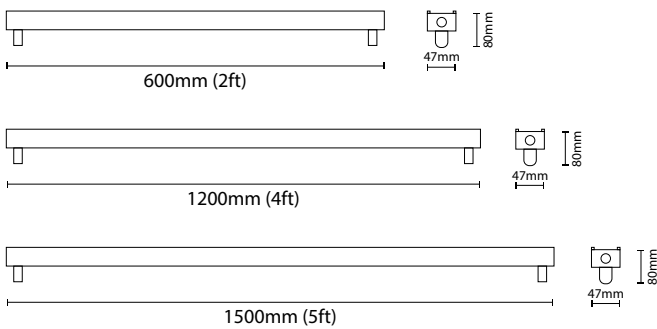
SINGLE



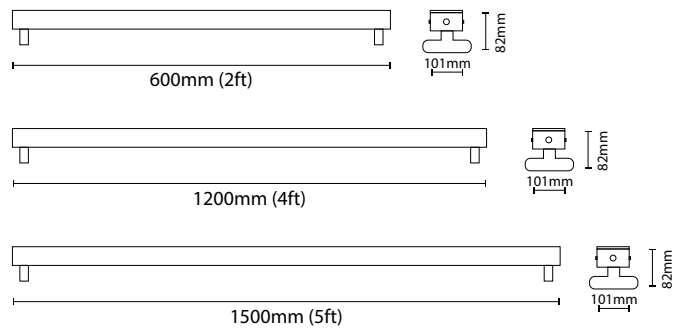
DOUBLE



DIMENSIONS - SINGLE



DIMENSIONS - DOUBLE



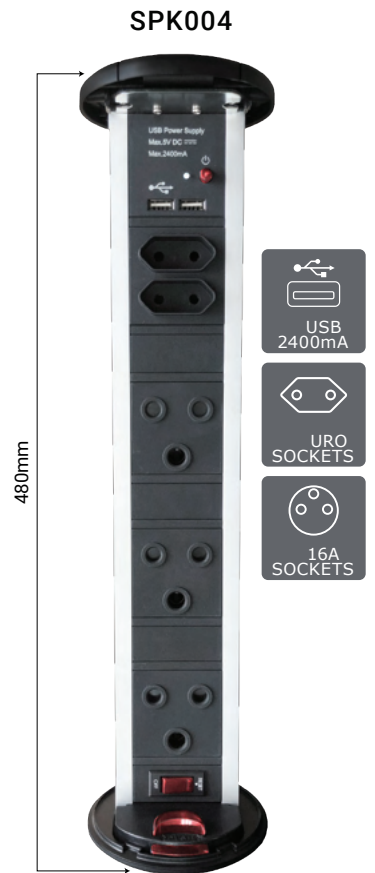
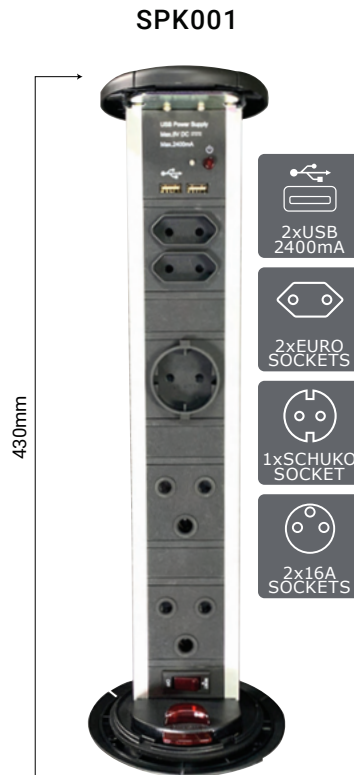
IP20
RATING



POP-UP SOCKETS



16A RATED CURRENT	2m POWER CABLE	90-92 mm CUTOUT DIAMETER	IP54 PLASTIC TOP COVER
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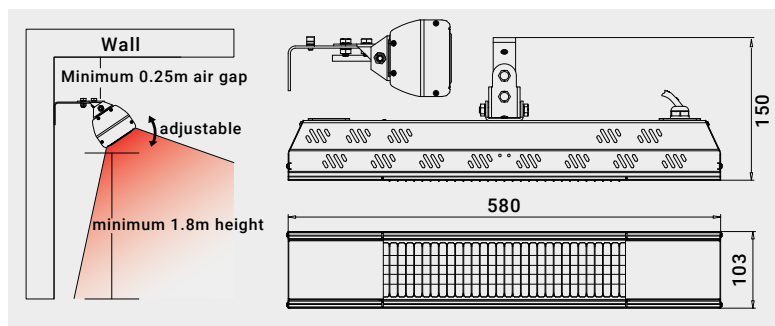
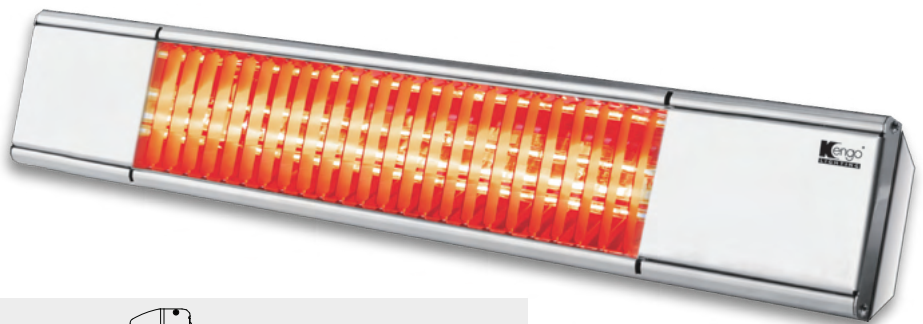


INFRARED HEATER 1500W



HJUNO1500SG

• AVAILABLE IN WHITE | SILVER - GREY | STAINLESS- STEEL



5000 LIFESPAN HRS	220-240V 50/60Hz	IP65 RATING	1.5m CABLE
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DURACELL®

BATTERIES

CATALOGUE

AVAILABLE ON REQUEST



E&OE

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Electro Base
INDEPENDENT ELECTRICAL WHOLESALERS GROUP



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