



VOL 2.1

A visionary brand focused on bringing beauty into your space with cutting-edge technology.

LUCENT⁰
LED TECHNOLOGIES



Architectural floor plan of a residential unit, likely a three-bedroom apartment. The plan includes detailed dimensions for rooms and overall sections. Rooms labeled include three Bedrooms (202, 206, 207), a Bathroom (204), a Hall, and a Wardrobe (208). The plan also shows a staircase, a balcony, and various structural elements like walls, doors, and windows. Dimensions are provided in millimeters (e.g., 11,900, 6,350, 7,775) and meters (e.g., 14.28 m, 18.43 m, 18.27 m). The text 'LEADERS IN THE WORLD OF LIGHTING' is overlaid in the center.

LEADERS IN THE WORLD OF LIGHTING

Welcome to the illuminated LED world of Lucent. A visionary brand focused on bringing beauty into your space with cutting-edge technology. Honing in on the essence of lightecture, Lucent products are designed to enhance your projects. Our products strike the balance between form and function. At Lucent LED technology we ensure top quality diodes across our ranges.

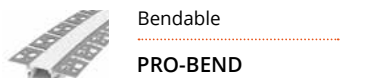
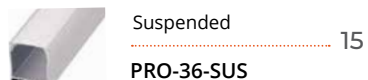
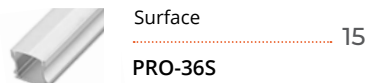
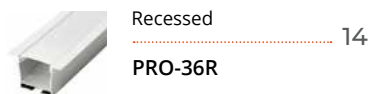
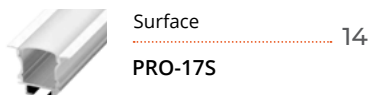
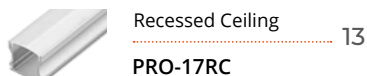
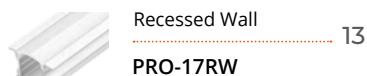
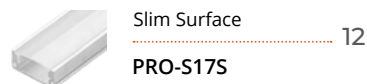
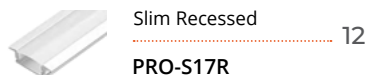
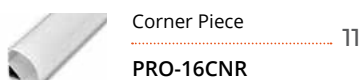
With vision being the primary focus that allows people to appreciate or value architecture, Lucent improves the way people see it, from bringing your home to light at night, building an enchanting landscape or creating a piece of functional art, Lucent's array of products can meet any project requirement or budget.

Lighting must always fulfil its most vital purpose, with Lucent its purpose will go hand in hand with your chosen aesthetic whilst using energy efficient technology.

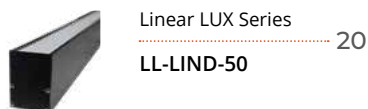
Our dedicated team of specialists are available to assist in choosing the appropriate solutions for your project.



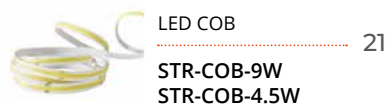
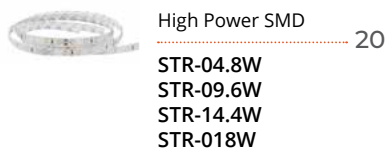
CHANNELS



LINEARS



LED STRIPS





Neon 360 degrees 22
STR-NEO-360/3K



Neon Flex 23
STR-NEO-06x06
STR-NEO-10x10
STR-NEO-06x12
STR-NEO-15x16



Eco Star 22
STR-STA-4.8W
STR-STA-8.8W

48V TRACK SERIES



Suspended 30
MT20SUS



Recessed Deep 30
MT20RD



Surface Deep 30
MT20SD



Surface 31
MT20S



Up/Down 31

48V Track Series 31

LUMINAIRES



Linear 33
MT20-LIN
 • 300mm
 • 600mm
 • 900mm
 • 1200mm



Corner Connector 35
MT20-CNR



Wand 38
MT20-WAND



Grid 36
MT20-GRID
 110mm
 120mm



Adjustable Grid 37
MT20-AGRD
 220mm



Midi Spot 39
MT20-SPOT
 • 3W
 • 5W
 • 7W
 • 12W



Maxi Spot 40
MT20-MAXI
 • 15W
 • 17W
 • 20W



Tube

MT20-TUBE



Bowl

MT20-BOWL

48V Track Series 31

ACCESSORIES



LAMPS



E14

LL-CAN-E14

44



E27

LL-CAN-E27

44



GU-10

LL-GU10-7W

45

DRIVERS



Non-Dimmable

DRI-LRS-25W
DRI-LRS-50W

50



Non-Dimmable

DRI-LRS-75W
DRI-LRS-100W
DRI-LRS-150W

52



Non-Dimmable

DRI-LRS-200W
DRI-LRS-350W

55



Triac Dimmable

DRI-LT-75W
DRI-LT-150W

58



Triac Dimmable

DRI-DIM-40W
DRI-DIM-80W

60

WHAT IS CRI

In the lighting industry, CRI stands for Color Rendering Index. It is a quantitative measure of how accurately a light source can reproduce the colors of various objects in comparison to a natural light source, like sunlight.



Scale: CRI is measured on a scale from 0 to 100. A CRI of 100 indicates that the light source renders colors exactly as they would appear under natural light.

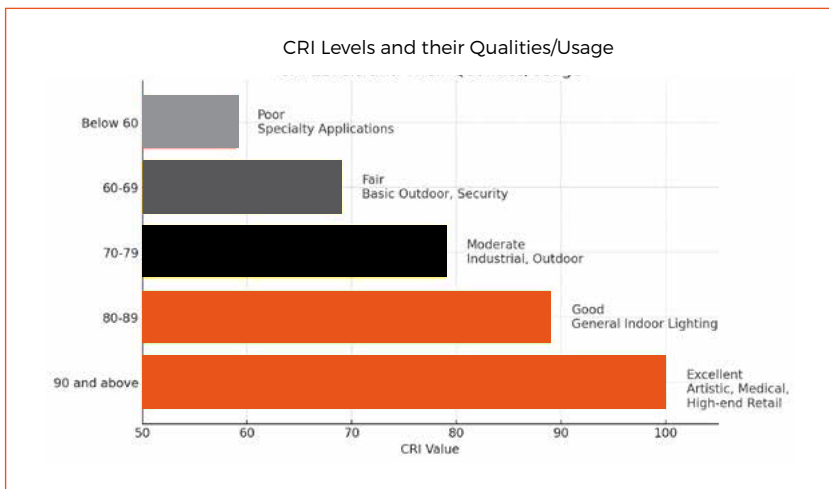
Importance: High CRI values (typically 80 and above) are important in applications where accurate color representation is crucial, such as in art galleries, retail spaces, photography, and medical environments.

Low CRI: Light sources with a low CRI can cause colors to appear washed out or distorted.

Summary of CRI Quality Levels

- 90 and above: Excellent (artistic, medical, high-end retail)
- 80-89: Good (general indoor lighting)
- 70-79: Moderate (industrial, outdoor)
- 60-69: Fair (basic outdoor/security)
- Below 60: Poor (specialty applications)

Higher CRI values are preferred for applications requiring accurate color perception, while lower CRI values are more suitable for functional lighting where color accuracy is less critical.





CEILING CHANNEL

- Alu Pro 17mm recessed
- 9.6W LED strip
- 1000 lumens per metre
- 2700k / 3000k / 4000k
- IP65
- PC diffuser



CHANNEL IN BULKHEAD

- Alu Pro 16mm corner
- 4.8W LED strip
- 500 lumens per metre
- 2700k / 3000k / 4000k
- PC diffuser



CHANNEL FOR STAIRS

- Alu Pro 17mm
- slim recessed or surface
- 4.8W LED strip
- 500 lumens per metre
- 2700k / 3000k / 4000k
- PC diffuser



PRO MINI SERIES

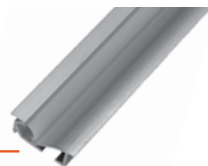
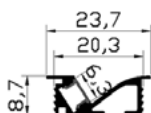
PRO-06R (MOUNTED RECESS)



* Requires 21mm cut-out of area



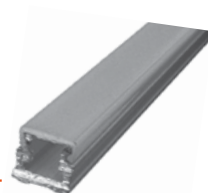
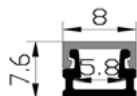
Installation: Designed for angled applications
 Max Watt: Less than 6W/meter. Width 4mm
 Material: AL6063-T5 and Anodised Silver Aluminium
 Length: 3m
 PC Cover: Frosted Opal
 Application: Specifically for shopfitting and tight spaces
 * This CHANNEL is used with the MINI COB



PRO-08S (SURFACE)



Installation: Designed for angled applications
 Max Watt: Less than 6W/meter. Width 4mm
 Material: AL6063-T5 and Anodised Silver Aluminium
 Length: 3m
 PC Cover: Frosted Opal
 Application: Specifically for shopfitting and tight spaces
 * This CHANNEL is used with the MINI COB

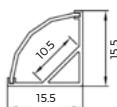


PRO16 SERIES

PRO-16CNR (CORNER)



Installation: Designed for angled applications
Max Watt: Less than 18W/meter. Width 10mm
Material: AL6063-T5 and Anodised Silver Aluminium
Length: 3m
PC Cover: Frosted Opal
Application: Commercial, Office, Residential, Hospitality



Klein Jan Restaurant

PRO17 SERIES

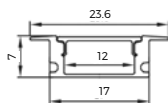
PRO-S17R (SLIM RECESSED)



* Requires 19mm cut-out



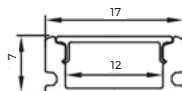
Installation: Recessed in wall or ceiling
Max Watt: Less than 18W/meter. Width 12mm
Material: AL6063-T5 and Anodised Silver Aluminium
Length: 3m
PC Cover: Frosted Opal
Application: Commercial, Office, Residential, Hospitality



PRO-S17S (SLIM SURFACE)

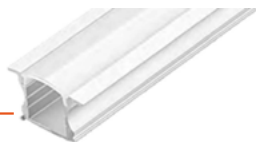


Installation: Surface mount for wall or ceiling
Max Watt: Less than 18w/meter. Width 12mm
Material: AL6063-T5
Length: 3m
PC Cover: Frosted Transparent Opal
Application: Commercial, Office, Residential, Hospitality



PRO17 SERIES

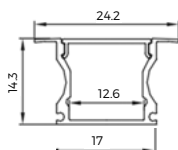
PRO-17RW (RECESSED WALL)



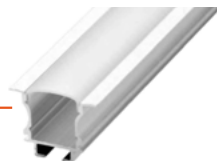
* Requires 19mm cut-out



Installation: Recessed in wall
 Max Watt: Less than 18W/meter. Width 12mm
 Material: AL6063-T5 and Anodised Silver Aluminium
 Length: 3m
 PC Cover: Frosted Opal Diffuser
 Application: Commercial, Office, Residential, Hospitality



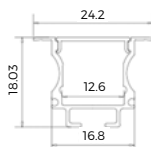
PRO-17RC (RECESSED CEILING)



* Requires 19mm cut-out



Installation: Recessed in ceiling
 Max Watt: Less than 36W/meter. Width 12mm
 Material: AL6063-T5
 Length: 3m
 PC Cover: Frosted Transparent Opal
 Application: Commercial, Office, Residential, Hospitality

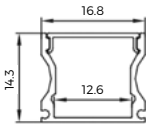


PRO17 SERIES

PRO-17S (SURFACE)



Installation: Surface mount for wall or ceiling
Max Watt: Less than 18W/meter. Width 12mm
Material: AL6063-T5
Length: 3m
PC Cover: Opal
Application: Commercial, Office, Residential, Hospitality



PRO36 SERIES

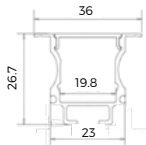
PRO-36R (RECESSED)



* Requires 25mm cut-out



Installation: Recessed in wall or ceiling
Max Watt: Less than 25W/meter. Width 19mm
Material: AL6063-T5 and Anodised Silver Aluminium
Length: 3m
PC Cover: Frosted Opal
Application: Commercial, Office, Residential, Hospitality

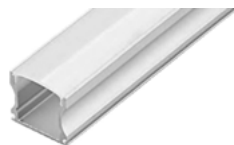
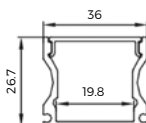


PRO36 SERIES

PRO-36S (SURFACE)



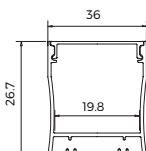
Installation: Surface mount wall or ceiling
 Max Watt: Less than 25w/meter. Width 19mm
 Material: AL6063-T5
 Length: 3m
 PC Cover: Frosted Opal
 Application: Commercial, Office, Residential, Hospitality



PRO-36-SUSPENDED



Installation: Ceiling suspension
 Max Watt: Less than 25w/meter. Width 19mm
 Material: AL6063-T5
 Length: 3m
 PC Cover: Frosted Opal
 Application: Commercial, Office, Residential, Hospitality



PROBEND SERIES

PRO-BEND (BENDABLE)



Installation: Recessed in wall or ceiling

Max Watt: Less than 18w/meter. Width 12mm

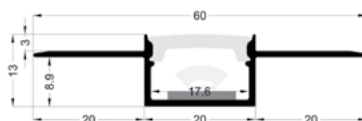
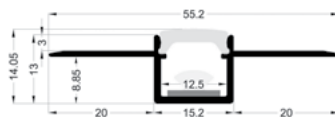
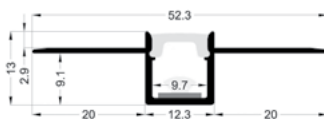
Material: AL6063-T5 and Anodised Silver Aluminium

Length: 3m

PC Cover: Frosted Opal

Application: Commercial, Office, Residential, Hospitality

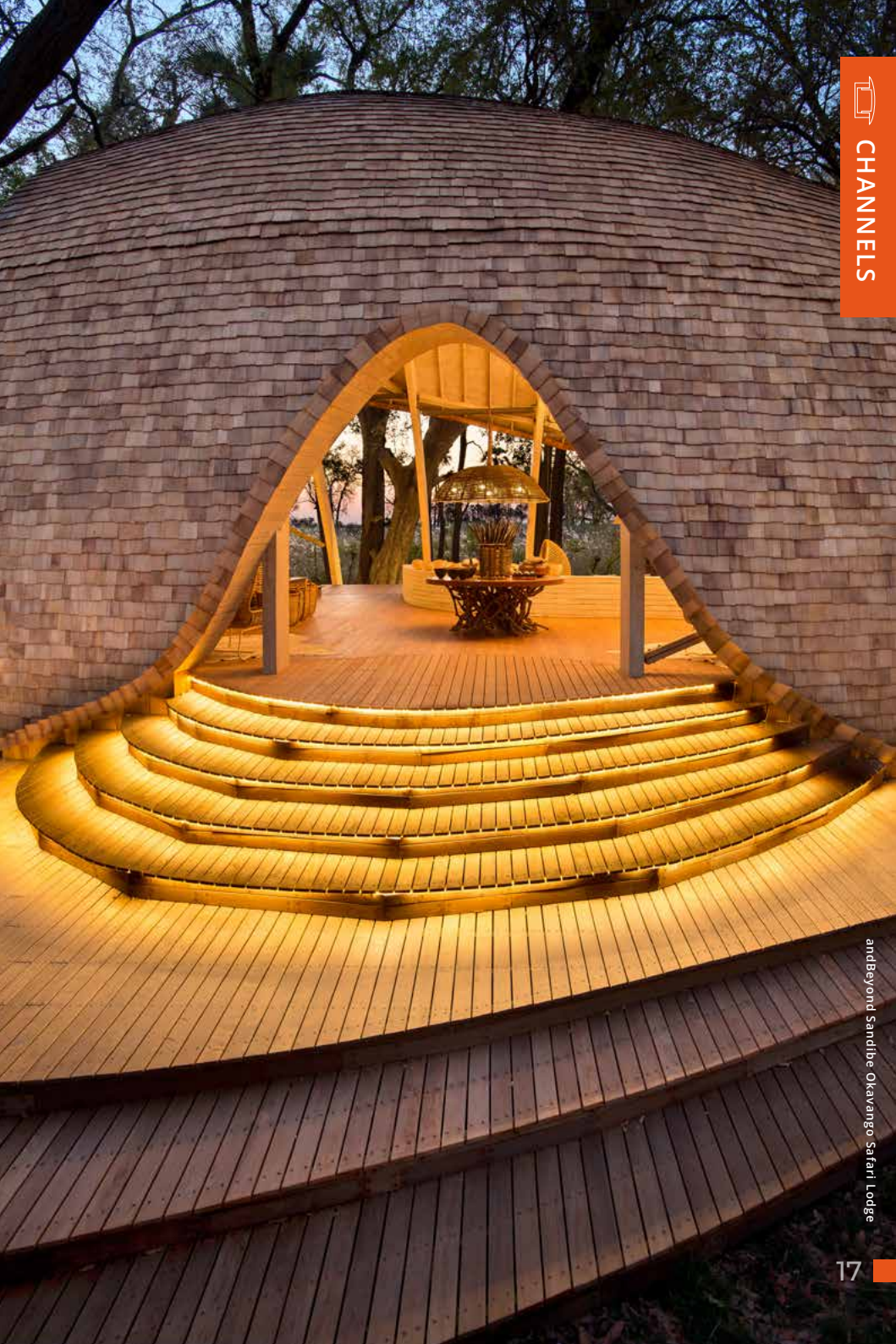
The special feature of this channel is that it can be made in any curved/squiggled shape. It can be shaped on the ceiling, floor or wall in different ways as opposed to just straight lines.



ACCESSORIES

PRO-SERIES









LINEAR LUX
- LL-LIND-50



LINEAR LUX SERIES

LL-LIND-50



Installation: Suspended or surface mounted
Material: Aluminium
Channel Size: 50x70mm
Cable Length: 1m (additional metres to be requested)
Diffuser: Opal
Application: Commercial, Office, Residential, Hospitality

Vossloh-Schwab LED chipboards:

- 2700k, 3000k and 4000k
- Available in different Lumen packages
- ZHAGA compliant
- Lifespan up to 7200 hours
- CRI > 80

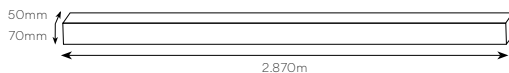
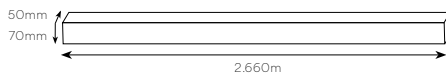
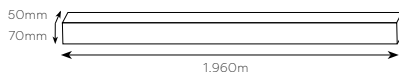
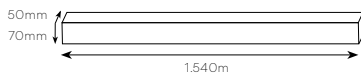
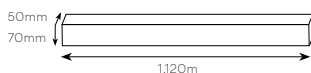
Helvar Drivers:

- 1.120m - 80w
- 1.540m - 110w
- 1.960m - 42w and 150w
- 2.660m - 42w and 150w
- 2.870m - 42w and 150w

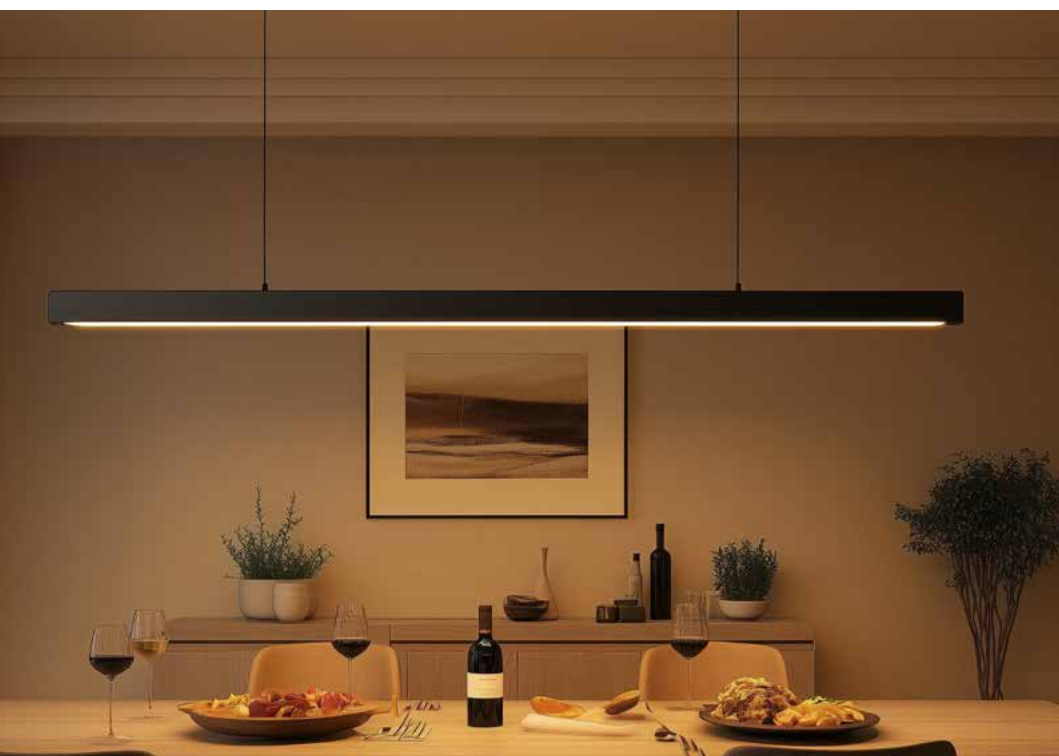
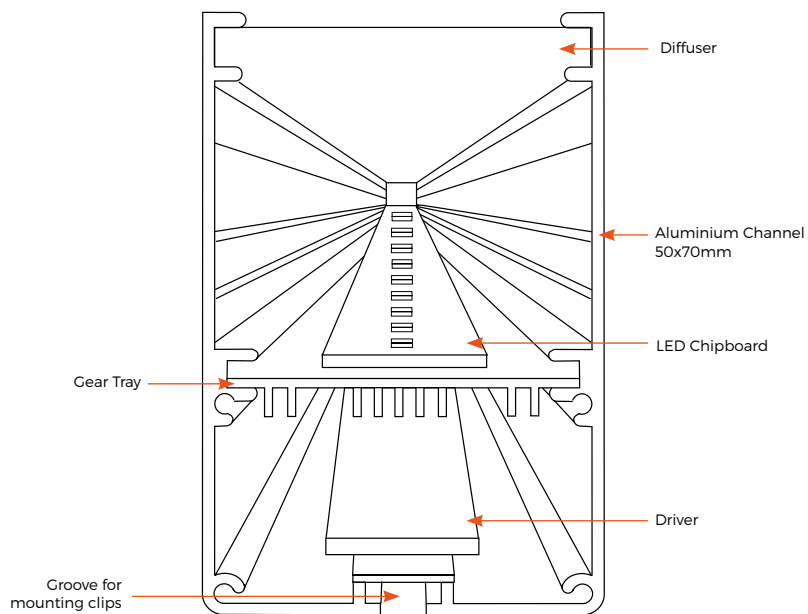
**Linears come standard with non-dimmable drivers.

**Dimmable drivers are available on request.

**Custom shapes and sizes available on request.



LUCENT[®]
LED TECHNOLOGIES







HIGH POWER SMD
- STR-018W



MINI COB
- STR-COB-6W



HIGH POWER SMD

STR-04.8W



Operating Voltage: 24V
Wattage per meter: 4.8W
Lumen per meter: 500 LM
Cut spacing: 100mm
Max length of run: 15m
Dimmable: Dimmable drive needed
Beam angle: 120 degrees
Life span: 50 000 hours
Warranty: 5 years
CRI > 80
Kelvin (k): 2700 / 3000 / 4000
Application: Commercial, Office, Residential, Hospitality



STR-09.6W



Operating Voltage: 24V
Wattage per meter: 9.6W
Lumen per meter: 1000 LM
Cut spacing: 50mm
Max length of run: 15m
Dimmable: Dimmable drive needed
Beam angle: 120 degrees
Life span: 50 000 hours
Warranty: 5 years
Kelvin (k): 2700 / 3000 / 4000
CRI > 80
Application: Commercial, Office, Residential, Hospitality



STR-14.4W



Operating Voltage: 24V
 Wattage per meter: 4.4W
 Lumen per meter: 1440 LM
 Cut spacing: 50mm
 Max length of run: 8m
 Dimmable: Dimmable drive needed
 Beam angle: 120 degrees
 Life span: 50 000 hours
 Warranty: 3 years
 Kelvin (k): 2700 / 3000 / 4000
 CRI > 80
 Application: Commercial, Office, Residential, Hospitality

STR-018W



Operating Voltage: 24V
 Wattage per meter: 18W
 Lumen per meter: 1800 LM
 Cut spacing: 50mm
 Max length of run: 8m
 Dimmable: Dimmable drive needed
 Beam angle: 120 degrees
 Life span: 50 000 hours
 Warranty: 3 years
 Kelvin (k): 2700 / 3000 / 4000
 CRI > 90
 Application: Commercial, Office, Residential, Hospitality

MINI COB (4mm)

STR-COB-6W



Operating Voltage: 24V
Wattage per meter: 6W
Lumen per meter: 480 LM
Cut spacing: 50mm
Max length of run: 15m
Dimmable: Dimmable drive needed
Beam angle: 180 degrees
Life span: 50 000 hours
Warranty: 5 years
Kelvin (k): 2700 / 3000 / 4000
CRI > 80
Application: Commercial, Office, Residential, Hospitality
* This COB is used with the PRO-6R (Mini Series Channel)



LED COB

STR-COB-9W



Operating Voltage: 24V
Wattage per meter: 9W
Lumen per meter: 900 LM
Cut spacing: 50mm
Max length of run: 8m
Dimmable: Dimmable drive needed
Beam angle: 180 degrees
Life span: 50 000 hours
Warranty: 3 years
Kelvin (k): 2700 / 3000 / 4000
CRI > 80
Application: Commercial, Office, Residential, Hospitality



STR-COB-4.5W



Operating Voltage: 24V
 Wattage per meter: 4.5W
 Lumen per meter: 385 LM / 432 LM / 480 LM
 Cut spacing: 50mm
 Max length of run: 8m
 Dimmable: Dimmable drive needed
 Beam angle: 180 degrees
 Life span: 50 000 hours
 Warranty: 3 years
 Kelvin (k): 2700 / 3000 / 4000
 CRI > 90
 Application: Commercial, Office, Residential, Hospitality

NEON FLEX

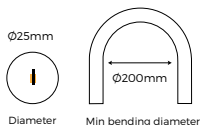
STR-NEO-360/3K



Product of Dark www.getdark.co.za



Operating Voltage: 24V
 Wattage per meter: 10W
 Lumen per meter: 900 LM
 Standard lengths (not cuttable): 3.5m / 5m / 7m
 Dimmable: Dimmable drive needed
 Beam angle: 360 degrees
 Life span: 35 000 hours
 Warranty: 3 years
 Kelvin (k): 2700 / 3000 / 4000
 CRI > 80
 Application: Commercial, Office, Residential, Hospitality



STR-NEO-06x06

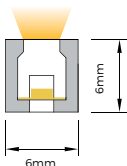


Accessories



Operating Voltage: 24 V
Wattage per meter: 6W
Lumen per watt: 58 LM
Cut spacing: 25mm
Max length of run: 5m
Dimmable: Dimmable drive needed
Beam angle: 180 degrees
Life span: 50 000 hours
Warranty: 5 years
Kelvin (k): 2700 / 3000 / 4000
CRI > 90

Application: Commercial, Office, Residential, Hospitality



STR-NEO-10x10



Product of Dark www.getdark.co.za

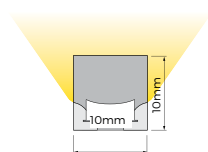


Accessories



Operating Voltage: 24V
Wattage per meter: 5W
Lumen per watt: 80.3 LM
Cut spacing: 25mm
Max length of run: 10m
Dimmable: Dimmable drive needed
Beam angle: 180 degrees
Life span: 50 000 hours
Warranty: 5 years
Kelvin (k): 2700 / 3000 / 4000
CRI > 90

Application: Commercial, Office, Residential, Hospitality



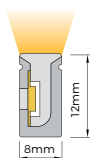
STR-NEO-06x12



Accessories



Operating Voltage: 24V
 Wattage per meter: 9.6 W
 Lumen per watt: 29.9 LM
 Cut spacing: 25mm
 Max length of run: 10m
 Dimmable: Dimmable drive needed
 Beam angle: 180 degrees
 Life span: 50 000 hours
 Warranty: 5 years
 Kelvin (k): 2700 / 3000 / 4000
 CRI > 90
 Application: Commercial, Office, Residential, Hospitality



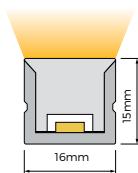
STR-NEO-15x16



Accessories



Operating Voltage: 24V
 Wattage per meter: 10W
 Lumen per watt: 57.3 LM
 Cut spacing: 25mm
 Max length of run: 10m
 Dimmable: Dimmable drive needed
 Beam angle: 180 degrees
 Life span: 50 000 hours
 Warranty: 5 years
 Kelvin (k): 2700 / 3000 / 4000
 CRI > 90
 Application: Commercial, Office, Residential, Hospitality



LED ECO STAR

STR-STA-4.4W



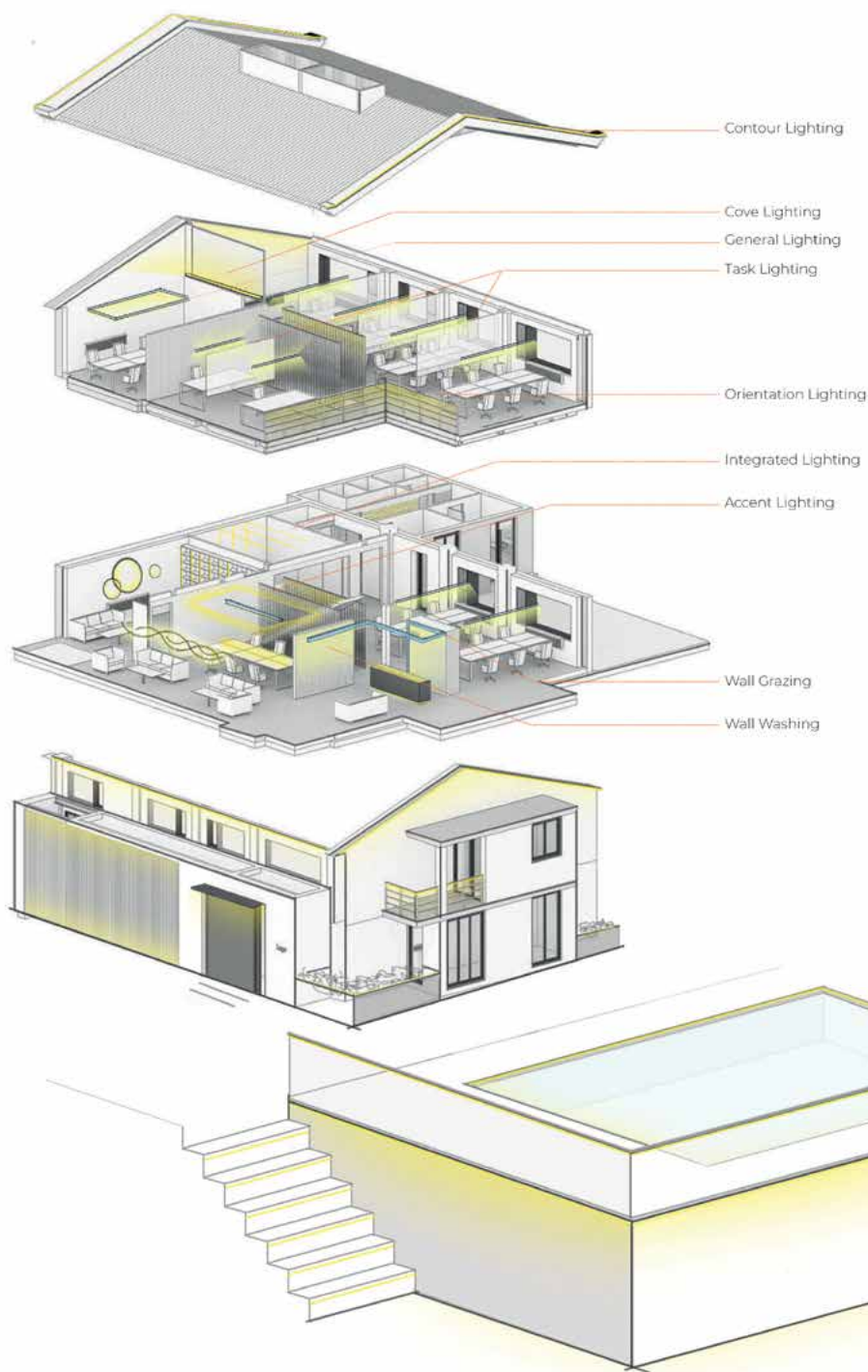
Operating Voltage: 24 V
Wattage per meter: 4.4W
Lumen per watt: 440 LM
Cut spacing: 125mm
Max length of run: 7m
Dimmable: Dimmable drive needed
Beam angle: 120 degrees
Life span: 50 000 hours
Warranty: 5 years
Kelvin (k): 2700 / 3000 / 4000
CRI > 80
Application: Commercial, Office, Residential, Hospitality

STR-STA-8.8W



Operating Voltage: 24V
Wattage per meter: 8.8W
Lumen per watt: 900 LM
Cut spacing: 62.5mm
Max length of run: 7m
Dimmable: Dimmable drive needed
Beam angle: 120 degrees
Life span: 50 000 hours
Warranty: 5 years
Kelvin (k): 2700 / 3000 / 4000
CRI > 80
Application: Commercial, Office, Residential, Hospitality

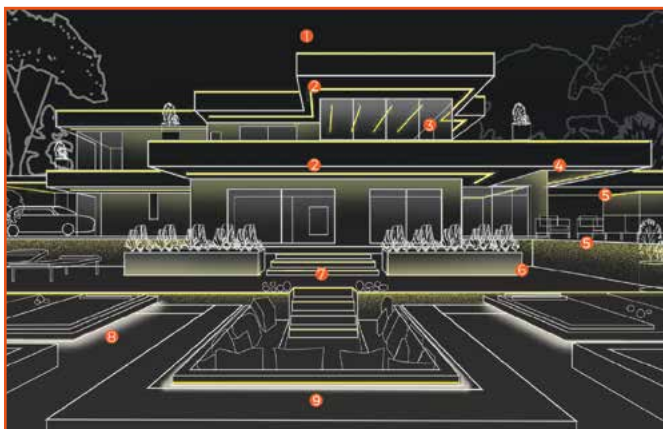




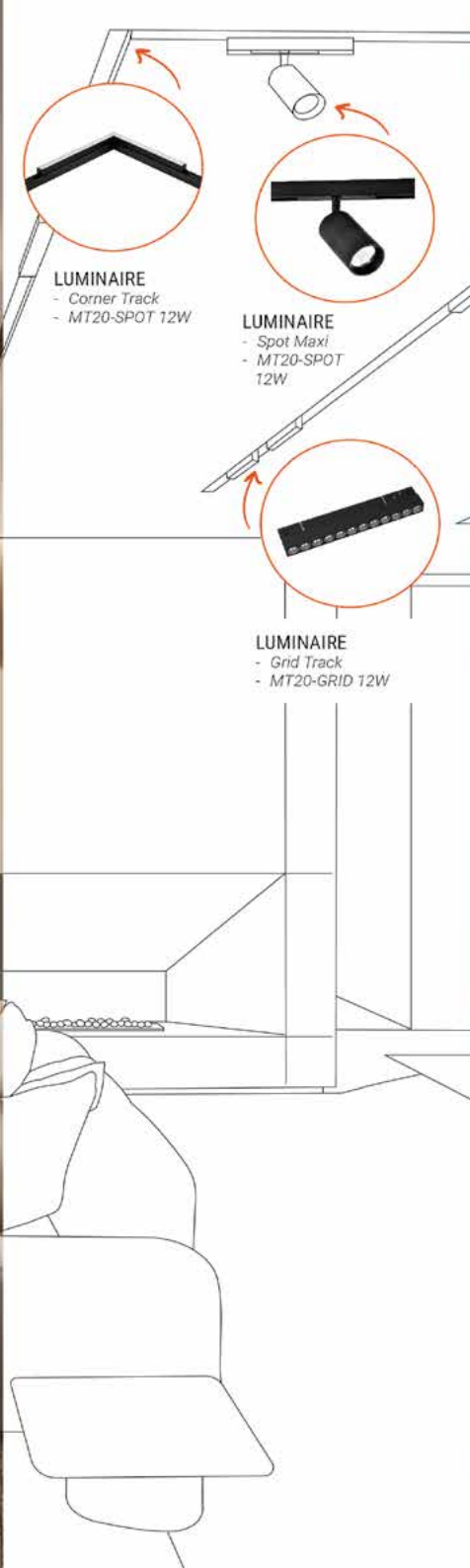


INDOOR & OUTDOOR

- ① Contour Lighting
- ② Under Eave Lighting
- ③ Indoor Lighting
- ④ Wall Wash Lighting
- ⑤ Facade Grazing Light-Downwards
- ⑥ Facade Grazing Light-Upwards
- ⑦ Step, Stairs
- ⑧ Under Beach
- ⑨ Waterside



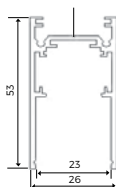




48V MAGNETIC TRACKS

MT20SUS (Suspended)

Installation: Suspended from ceiling
Max Watt: Less than 18w/meter. Width 12mm
Material: AL6063-T5 and Anodised Silver Aluminium
Length: 3m
Application: Commercial, Office, Residential, Hospitality



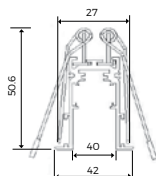
Finish

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- White



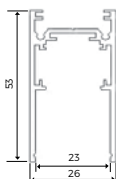
MT20RD (Recessed Deep)

Installation: Recessed in wall
Max Watt: Less than 18w/meter. Width 12mm
Material: AL6063-T5 and Anodised Silver Aluminium
Length: 3m
Application: Commercial, Office, Residential, Hospitality



MT20SD (Surface Deep)

Installation: Recessed in wall
Max Watt: Less than 18w/meter. Width 12mm
Material: AL6063-T5 and Anodised Silver Aluminium
Length: 3m
Application: Commercial, Office, Residential, Hospitality



MT20S (Surface)



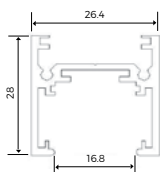
Installation: Recessed in wall

Max Watt: Less than 18w/meter. Width 12mm

Material: AL6063-T5 and Anodised Silver Aluminium

Length: 3m

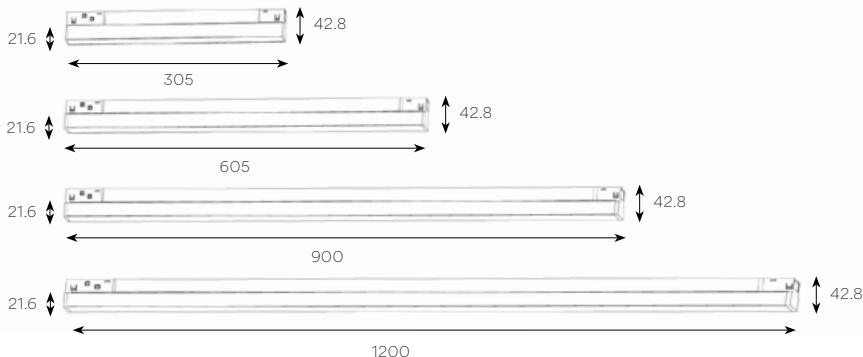
Application: Commercial, Office, Residential, Hospitality





LUMINAIRES

20 SERIES LINEAR TRACK SYSTEM



Product Code	Power	CCT	>CRI	Voltage	Lumens	Size	Options
M20-LIN	10W	3K/4K/5K	90Ra	48V DC	700lm	305*21.6*42.8	Non-Dim Dali 0-10V Zigbee
	20W	3K/4K/5K	90Ra	48V DC	1400lm	605*21.6*42.8	
	30W	3K/4K/5K	90Ra	48V DC	2100lm	900*21.6*42.8	
	40W	3K/4K/5K	90Ra	48V DC	2800lm	1200*21.6*42.8	

Beam Angle



120°

Finish

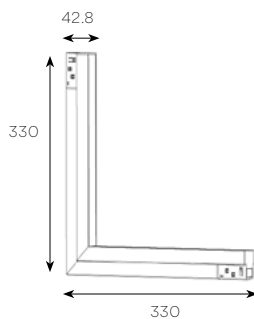
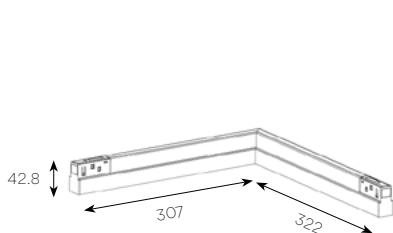
- Black
- White



LUCENT[®]
LED TECHNOLOGIES

LUMINAIRES

20 SERIES CORNER CONNECTOR TRACK SYSTEM



Product Code	Power	CCT	>CRI	Voltage	Lumens	Size	Options
M20-CC	20W	3K/4K/5K	90Ra	48V DC	1400lm	307*322*42.8	Non-Dim Dali 0-10V Zigbee
	20W	3K/4K/5K	90Ra	48V DC	1400lm	330*330*42.8	

Beam Angle



120°

Finish

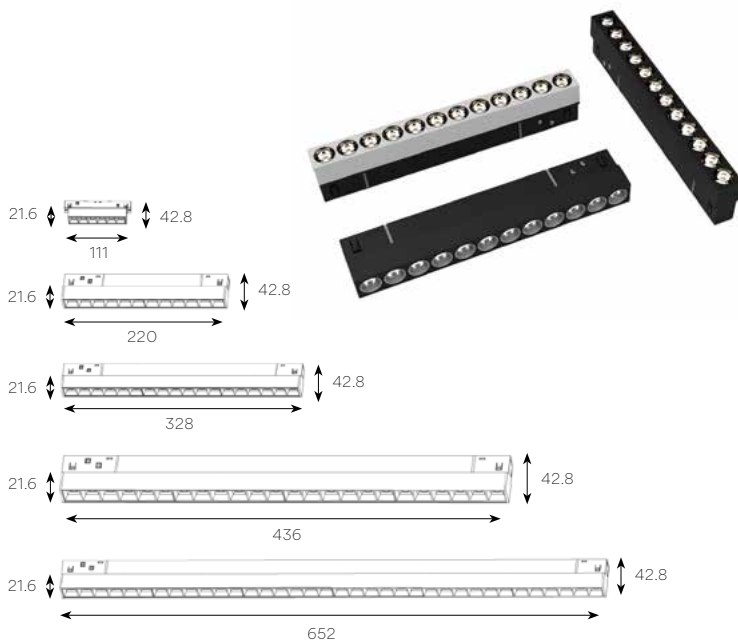
- Black
- White



LUCENT^o
LED TECHNOLOGIES

LUMINAIRES

20 SERIES GRID TRACK SYSTEM



Product Code	Power	CCT	>CRI	Voltage	Lumens	Size	Options
M20-GRID	6W	3K/4K/5K	90Ra	48V DC	480lm	111*21.6*42.8	Non-Dim Dali 0-10V Zigbee
	12W	3K/4K/5K	90Ra	48V DC	960lm	220*21.6*42.8	
	18W	3K/4K/5K	90Ra	48V DC	1440lm	328*21.6*42.8	
	24W	3K/4K/5K	90Ra	48V DC	1920lm	436*21.6*42.8	
	36W	3K/4K/5K	90Ra	48V DC	2880lm	652*21.6*42.8	

Beam Angle



Finish

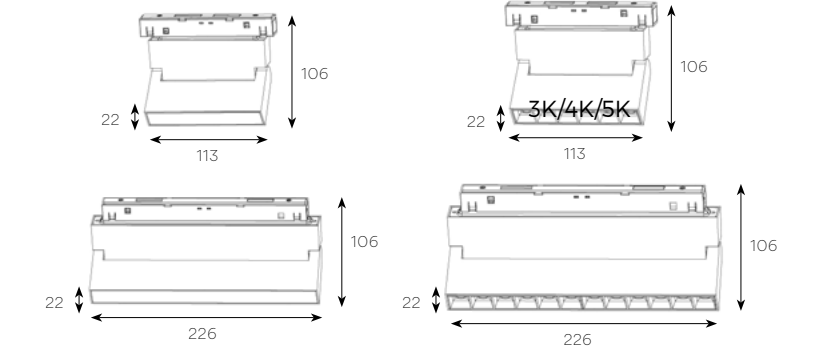
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LED TECHNOLOGIES

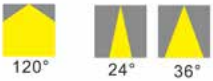
LUMINAIRES

20 SERIES ADJUSTABLE LINEAR AND GRID TRACK SYSTEM



Product Code	Power	CCT	>CRI	Voltage	Lumens	Size	Options
M20-ALIN	6W	3K/4K/5K	90Ra	48V DC	420lm	113*22*106	Non-Dim Dali 0-10V Zigbee
	12W	3K/4K/5K	90Ra	48V DC	840lm	226*22*106	
M20-AGRID	6W	3K/4K/5K	90Ra	48V DC	480lm	113*22*106	
	12W	3K/4K/5K	90Ra	48V DC	980lm	226*22*106	

Beam Angle



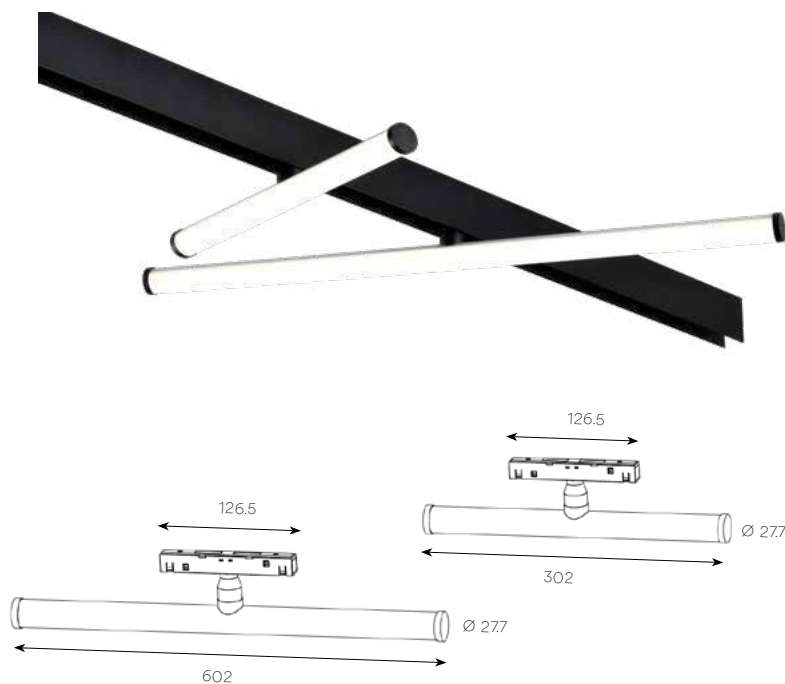
Finish

- Black
- White



LUMINAIRES

20 SERIES WAND TRACK SYSTEM



Product Code	Power	CCT	>CRI	Voltage	Lumens	Size	Options
M20-WAND	6W	3K/4K/5K	90Ra	48V DC	600lm	302*27.7	Non-Dim
	12W	3K/4K/5K	90Ra	48V DC	1200lm	602*27.7	

Beam Angle



120°

Finish

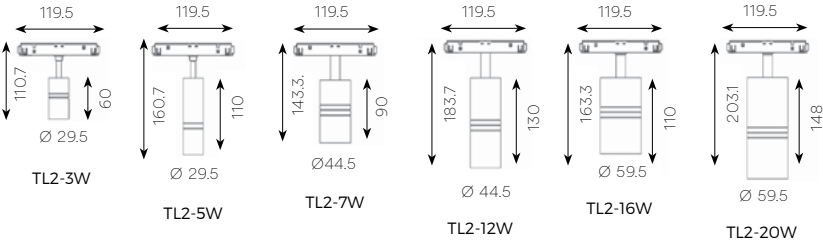
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LED TECHNOLOGIES

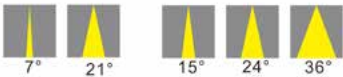
LUMINAIRES

20 SERIES SPOT TRACK SYSTEM



Product Code	Power	CCT	>CRI	Voltage	Lumens	Size	Options
MT20-SPOT	3W	3K/4K/5K	90Ra	48V DC	85lm	Ø30*60	Non-Dim Dali 0-10V Zigbee
	5W	3K/4K/5K	90Ra	48V DC	85lm	Ø30*110	
	7W	3K/4K/5K	90Ra	48V DC	85lm	Ø44*90	
	12W	3K/4K/5K	90Ra	48V DC	85lm	Ø44*130	
	16W	3K/4K/5K	90Ra	48V DC	85lm	Ø60*110	
	20W	3K/4K/5K	90Ra	48V DC	85lm	Ø60*148	

Beam Angle



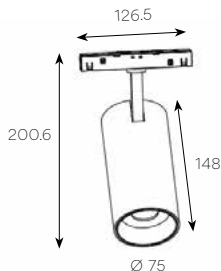
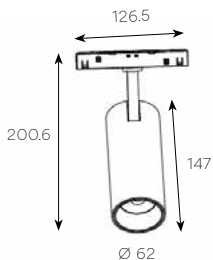
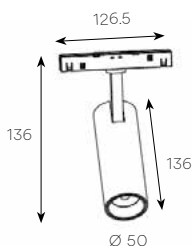
Finish

- Black
- White



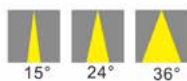
LUMINAIRES

20 SERIES SPOT MAXI TRACK SYSTEM



Product Code	Power	CCT	>CRI	Voltage	Lumens	Size	Options
MT20-MAXI	12W	3K/4K/5K	90Ra	48V DC	720lm	Ø50*188*126.5	Non-Dim Dali 0-10V Zigbee
	20W	3K/4K/5K	90Ra	48V DC	720lm	Ø62*200.6*126.5	
	30W	3K/4K/5K	90Ra	48V DC	720lm	Ø75*200.6*126.5	

Beam Angle



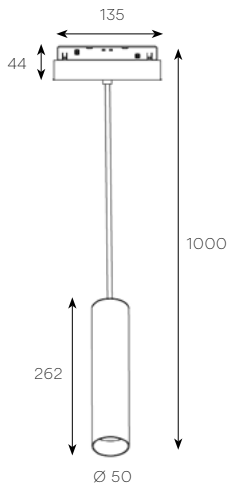
Finish

- Black
- White
- Bronze



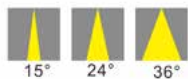
LUMINAIRES

20 SERIES TUBE TRACK SYSTEM



Product Code	Power	CCT	>CRI	Voltage	Lumens	Size	Options
M20-TUBE	9W	3K/4K/5K	90Ra	48V DC	720lm	Ø50*262	Non-Dim Dali 0-10V Zigbee

Beam Angle



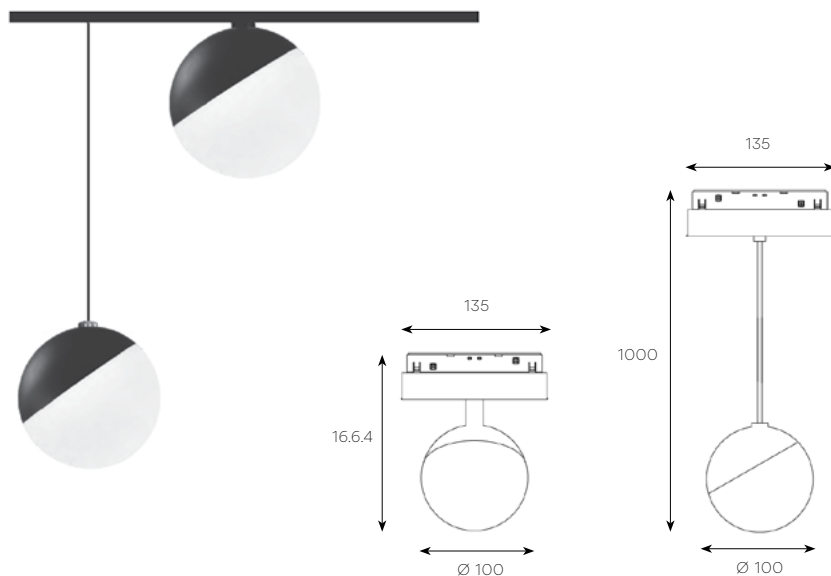
Finish

- Black
- White



LUMINAIRES

20 SERIES BOWL TRACK SYSTEM



Product Code	Power	CCT	>CRI	Voltage	Lumens	Size	Options
M20-BOWL	10W	3K/4K/5K	90Ra	48V DC	800lm	Ø 100*166.4*135	Non-Dim
	10W	3K/4K/5K	90Ra	48V DC	800lm	Ø 100*1000*135	Dali 0-10V Zigbee

Beam Angle



120°

Finish

- Black
- White



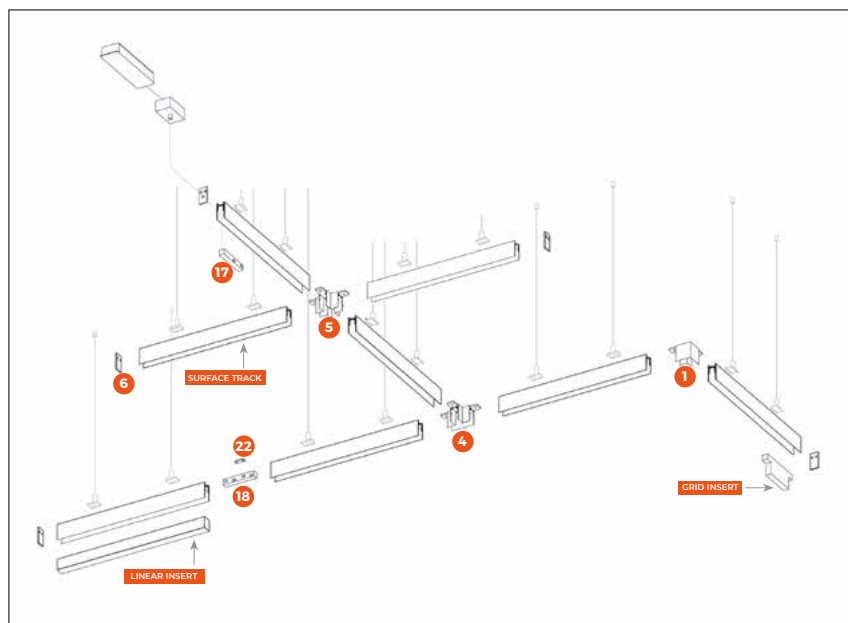
ACCESSORIES

1		MT20SD-J90*	SURFACE DEEP TRACK 90° JOINT
2		MT20SD-J90I*	SURFACE DEEP TRACK 90° INNER JOINT
3		MT20SD-J90O*	SURFACE DEEP TRACK 90° OUTER JOINT
4		MT20SD-JT*	SURFACE DEEP TRACK TEE JOINT
5		MT20SD-JX*	SURFACE DEEP TRACK CROSS JOINT
6		MT20SD-EC*	SURFACE DEEP TRACK END CAP
7		MT20S-MC*	SURFACE MOUNTING CLIP
8		MT20RD-J90*	RECESSED DEEP TRACK 90° JOINT
9		MT20RD-J90I*	RECESSED DEEP TRACK 90° INNER JOINT
10		MT20RD-J90O*	RECESSED DEEP TRACK 90° OUTER JOINT
11		MT20RD-JT*	RECESSED DEEP TRACK TEE JOINT
12		MT20RD-JX*	RECESSED DEEP TRACK CROSS JOINT
13		MT20RD-EC*	RECESSED DEEP TRACK END CAP
14		MT20RD-MC	RECESSED DOUBLE SPRING CLIP
15		MT20-PF	POWER FEED 48VDC
16		MT20-PFD-100W	100W POWER FEED DRIVER 48VDC 4WIRE
17		MT20-PFD-200W	200W POWER FEED DRIVER 48VDC 4WIRE
18		MT20-SC	STRAIGHT CONNECTOR 48VDC
19		MT20-FC	FLEXI CONNECTOR 48VDC

ACCESSORIES

20		MT20-TC	TEE CONNECTOR 48VDC
21		MT20-XC	CROSS CONNECTOR 48VDC
22		MT20-JP	JOINER PLATE
23		MT20-SMC	SURFACE MOUNTING CLIP

Installation Drawing







E14-5W-30



- Operating Voltage: 220-240V
- Wattage per meter: 5W
- Lumen per meter: 470 LM
- Beam angle: 300 degrees
- Base Options: E14
- Dimmable: Trailing edge
- CCT: 3000K
- CRI: >80
- Power Factor: >0.5
- Life span: 15 000 hours
- Warranty: 3 years
- Application: Commercial, Office, Residential, Hospitality



DIMMABLE



300°
BEAM ANGLE



470
LUMENS



35 MM



> 0.5
POWER FACTOR

E27-5W-30



- Operating Voltage: 220-240V
- Wattage per meter: 5W
- Lumen per meter: 470 LM
- Beam angle: 300 degrees
- Base Options: E27
- Dimmable: Trailing edge
- CCT: 3000K
- CRI: >80
- Power Factor: >0.5
- Life span: 15 000 hours
- Warranty: 3 years
- Application: Commercial, Office, Residential, Hospitality



DIMMABLE



300°
BEAM ANGLE



470
LUMENS



35 MM



> 0.5
POWER FACTOR



Product of Dark www.getdark.co.za

LUCENT
LED TECHNOLOGIES

GU10-6.5W



- Operating Voltage: 220-240V
- Wattage: 6.5W
- Lumen: 624 LM
- Beam angle: 36 degrees
- Base Options: GU10
- Dimmable: Trailing edge
- CCT: 2700K / 3000K / 4000K
- CRI: >80
- Power Factor: >0.8
- Life span: 25 000 hours
- Warranty: 2 years
- Application: Commercial, Office, Residential, Hospitality



TORCH



IP
65

Material: Die cast aluminium

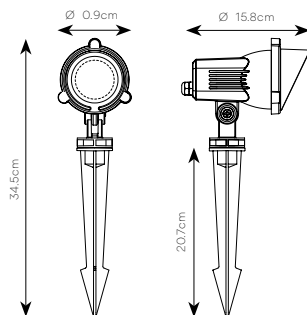
Voltage: 230V

Light Source: GU10

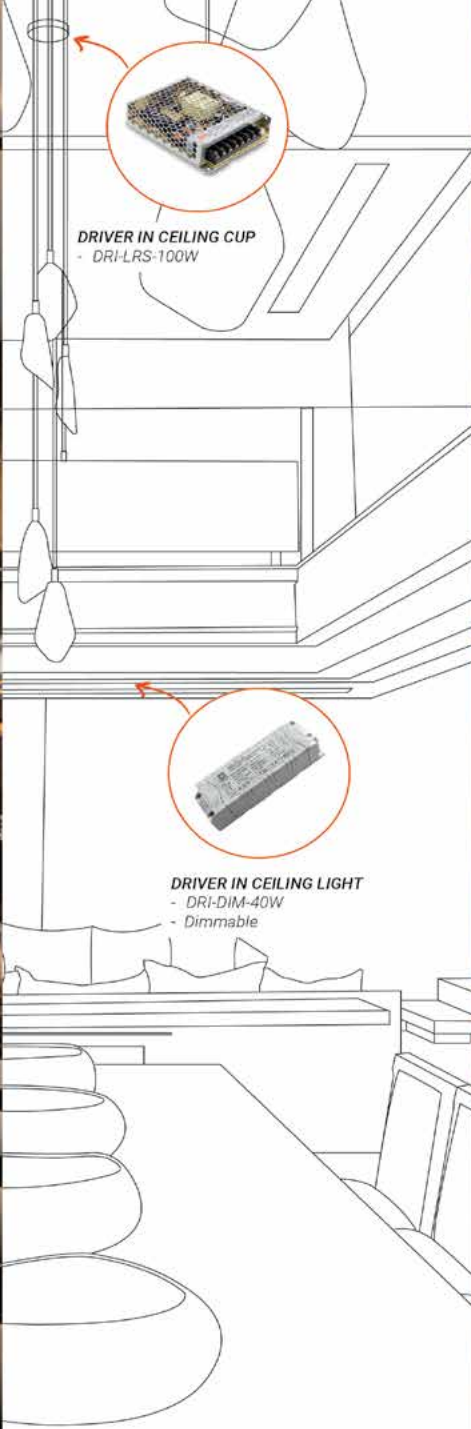
Colour: Grey

Application: Outdoor ground light for gardens, driveways, entrances, courtyards

*IP65 connector box required (purchase separately)







DRIVER IN CEILING CUP
- DRI-LRS-100W

DRIVER IN CEILING LIGHT
- DRI-DIM-40W
- Dimmable



DRIVERS



Features

- Universal AC input / Full range
- Withstand 300VAC surge input for 5 seconds
- No load power consumption < 0.2W
- Miniature size and 1 U low profile
- High operating temperature up to 70°C
- Protections: Short circuit / Overload / Over voltage
- Cooling by free air convection
- Compliance to IEC/BS EN/EN 60335-1 (PD3) and IEC/BS EN/EN 61558-1, -2-16 for household appliances
- 5 year warranty

Applications

- Residential
- Corporate
- Hospitality
- Industrial
- Commercial

Description

LRS series is a single-output enclosed type power supply with 30mm of low profile design. Adopting the full range 85-264VAC input, the entire series provides an output voltage line of 3.3V, 5V, 12V, 15V, 24V, 36V and 48V. In addition to the high efficiency up to 90%, the design of metallic mesh case enhances the heat dissipation. The whole series operates from -30°C through 70°C under air convection without a fan. Delivering an extremely low no load power consumption (less than 0.2W), it allows the end system to easily meet the worldwide energy requirement. LRS series has the complete protection functions and 5G anti-vibration capability; it is complied with the international safety regulations such as TUV BS EN/EN62368-1, BS EN/EN60335-1, BS EN/EN61558-1/-2-16, UL62368-1 and GB4943. LRS series serves as a high price-to-performance power supply solution for various industrial applications

Wattages available 25W / 50W / 100W / 150W / 200W / 350W
Dimmable drivers available 36W / 75W / 150W (DRI-dim-040 and DRI-dim-080)

IP20 MEANWELL DRIVERS • NON-DIMMING



Input voltage AC85-264V • Overcurrent and Overvoltage Protection
CCC UL TUV EAC CB CE certification • 5 Year Warranty

Driver	Model	24VDC	48VDC	Dimensions
	DRI-LRS-25W	1.5A	0.8A	99*82*30mm
	DRI-LRS-50W	2.1A	1A	99*97*30mm
	DRI-LRS-75W	3.2A	1.6A	99*97*30mm
	DRI-LRS-100W	4.2A	2.1A	129*97*30mm
	DRI-LRS-150W	6.25A	3.2A	159*97*30mm
	DRI-LRS-200W	8.3A	4.2A	215*115*30mm
	DRI-LRS-350W	14.6A	7.3A	215*115*30mm

DRI-LRS-25W IP20 Constant Voltage Non-Dimming



Model Specification		LRS-25-24	LRS-25-48
OUTPUT	DC voltage	24V	48V
	Rated output current	1.5A	0.8A
	Output current range	0-5A	0-0.8A
	DC power	36W	35W
	Voltage adj.range	±10%	±10%
	Voltage tolerance	±1%	±1%
	Ripple and noise	100mVp-p	100mVp-p
	Line Regulation	±0.5%	±0.5%
	Load stability	±0.5%	±0.5%
INPUT	AC voltage range	AC100-240V 47-63Hz:240-370VDC	
	Current	0.7A/115V 0.42A/230V	
	Efficiency	86%	86%
	AC Inrush current	Cold-start current 20A/115V 40A/230V	
	Leakage current	<0.5mA/240VAC	
PROTECTION	Overload	110 ~ 150% rated output power	
		Protection type : Hiccup mode, recovers automatically after fault condition is removed	
	Over-voltage	Protection type : Shut down o/p voltage, re-power after fault condition is removed	
		28.8-33.6V	55.2-64.8V
SAFE	Short Circuit	Protection type : Hiccup mode, recovers automatically after fault condition is removed	
	Setup rise hold up time	200ms,100ms,20ms	
	Vibration	10-500Hz,2G 10min./1cycle, period for 60min, EACH AXES	
	Withstand voltage	Input and output interval,1.5KVAC, Input and enclosure, 1.5KVAC, Output and enclosure, 0.5KVAC	
	Isolation resistance	Input and output interval, Input and enclosure, 1.5KVAC, Output and enclosure, 0.5KVAC	
ENVIRONMENT	Temperature coefficient	±0.03%/°C (0-50°C)	
	Working temperature & humidity	-20~+60°C,20-90%RH	
	Store temperature & humidity	-40°C~+85°C,10-95%RH	
OTHER	Overall dimension	99*82*30mm	
	Weight	0.18Kg	
CERTIFICATE	CE EMC Authenticate	EN55022:2010 EN61000-3-2:2006+AL:2009 EN61000-3-3:2008	
		EN55024:2010 EN55015:2006+AL:2007+2009 EN61547:2009	
	CE LVD Authenticate	EN61347-1:2008T A1:2001 EN61347-2-13:2006	
		EN60950-1:2006+A11:2009+A1:2010+A12:2001	
	ROHS Authenticate	EPA3050B:1996 EN1122B:2001 EPA3052:1996 EPA3060A:1996	
		EPA7196A:1992 EPA3540C:1996 EPA8270D:2007 IEC62321:2008	


DRI-LRS-50W IP20 Constant Voltage Non-Dimming

Model Specification		LRS-50-24		LRS-50-48	
OUTPUT	DC voltage	24V		48V	
	Rated output current	2.1A		1A	
	Output current range	0-2.1A		0-1A	
	DC power	50W		50W	
	Voltage adj.range	±10%		±10%	
	Voltage tolerance	±1%		±1%	
	Ripple and noise	100mVp-p		100mVp-p	
	Line Regulation	±0.5%		±0.5%	
	Load stability	±0.5%		±0.5%	
INPUT	AC voltage range	AC100-240V 47-63Hz:240-370VDC			
	Current	1.5A/115V 0.75A/230V			
	Efficiency	86%		86%	
	AC Inrush current	Cold-start current 20A/115V 40A/230V			
	Leakage current	<0.5mA/240VAC			
PROTECTION	Overload	110 ~ 150% rated output power			
		Protection type : Hiccup mode, recovers automatically after fault condition is removed			
	Over-voltage	Protection type : Shut down o/p voltage, re-power after fault condition is removed			
28.8-33.6V		55.2-64.8V			
SAFE	Short Citcuit	Protection type : Hiccup mode, recovers automatically after fault condition is removed			
	Setup rise hold up time	200ms.100ms.20ms			
	Vibration	10-500Hz.2G 10min./1cycle, period for 60min, EACH AXES			
	Withstand voltage	Input and output interval.1.5KVAC, Input and enclosure, 1.5KVAC, Output and enclosure, 0.5KVAC			
	Isolation resistance	Input and output interval, Input and enclosure, 1.5KVAC, Output and enclosure, 0.5KVAC			
ENVIRONMENT	Temperature coefficient	±0.03%/°C (0-50°C)			
	Working temperature & humidity	-20--60°C.20-90%RH			
	Store temperature & humidity	-40°C-+85°C.10-95%RH			
OTHER	Overall dimension	99*82*30mm			
	Weight	0.18Kg			
CERTIFICATE	CE EMC Authenticate	EN55022:2010 EN61000-3-2:2006+AL:2009 EN61000-3-3:2008			
		EN55024:2010 EN55015:2006+AL:2007+2009 EN61547:2009			
	CE LVD Authenticate	EN61347-1:2008T A1:2001 EN61347-2-13:2006			
		EN60950-1:2006+A11:2009+A1:2010+A12:2001			
	ROHS Authenticate	EPA3050B:1996 EN1122B:2001 EPA3052:1996 EPA3060A:1996			
		EPA7196A:1992 EPA3540C:1996 EPA8270D:2007 IEC62321:2008			

DRI-LRS-75W IP20 Constant Voltage Non-Dimming



Model Specification		LRS-75-24	LRS-75-48
OUTPUT	DC voltage	24V	48V
	Rated output current	3.2A	1.6A
	Output current range	0-3.2A	0-1.6A
	DC power	75W	75W
	Voltage adj.range	±10%	±10%
	Voltage tolerance	±1%	±1%
	Ripple and noise	100mVp-p	100mVp-p
	Line Regulation	±0.5%	±0.5%
	Load stability	±0.5%	±0.5%
INTPUT	AC voltage range	AC100-240V 47-63Hz:240-370VDC	
	Current	1.4A/115V 0.85A/230V	
	Efficiency	86%	86%
	AC Inrush current	Cold-start current 20A/115V 40A/230V	
	Leakage current	<0.5mA/240VAC	
PROTECTION	Overload	110 ~ 150% rated output power	
		Protection type : Hiccup mode, recovers automatically after fault condition is removed	
	Over-voltage	Protection type : Shut down o/p voltage, re-power after fault condition is removed	
		28.8-33.6V	55.2-64.8V
SAFYE	Short Citcuit	Protection type : Hiccup mode, recovers automatically after fault condition is removed	
	Setup rise hold up time	200ms,100ms,20ms	
	Vibration	10-500Hz,2G 10min./1cycle, period for 60min, EACH AXES	
	Withstand voltage	Input and output interval,1.5KVAC, Input and enclosure, 1.5KVAC, Output and enclosure, 0.5KVAC	
	Isolation resistance	Input and output interval, Input and enclosure, 1.5KVAC, Output and enclosure, 0.5KVAC	
ENVIRONMENT	Temperature coefficient	±0.03%/°C (0-50°C)	
	Working temperature & humidity	-20~+60°C,20-90%RH	
	Store temperature & humidity	-40°C~+85°C,10-95%RH	
OTHER	Overall dimension	99*97*30mm	
	Weight	0.26Kg	
CERTIFICATE	CE EMC Authenticate	EN55022:2010 EN61000-3-2:2006+AL:2009 EN61000-3-3:2008	
		EN55024:2010 EN55015:2006+AL2:2007+2009 EN61547:2009	
	CE LVD Authenticate	EN61347-1:2008T A1:2001 EN61347-2-13:2006	
		EN60950-1:2006+A11:2009+A1:2010+A12:2001	
	ROHS Authenticate	EPA3050B:1996 EN1122B:2001 EPA3052:1996 EPA3060A:1996	
		EPA7196A:1992 EPA3540C:1996 EPA8270D:2007 IEC62321:2008	

DRI-LRS-100W IP20 Constant Voltage Non-Dimming


Model Specification		LRS-100-24		LRS-100-48	
OUTPUT	DC voltage	24V		48V	
	Rated output current	4.2A		2.1A	
	Output current range	0~4.2A		0~2.1A	
	DC power	100W		100W	
	Voltage adj.range	±10%		±10%	
	Voltage tolerance	±1%		±1%	
	Ripple and noise	100mVp-p		100mVp-p	
	Line Regulation	±0.5%		±0.5%	
	Load stability	±0.5%		±0.5%	
INPUT	AC voltage range	AC100-240V 47-63Hz:240-370VDC			
	Current	1.9A/115V 1.2A/230V			
	Efficiency	86%		86%	
	AC Inrush current	Cold-start current 20A/115V 40A/230V			
	Leakage current	<0.5mA/240VAC			
PROTECTION	Overload	110 ~ 150% rated output power			
		Protection type : Hiccup mode, recovers automatically after fault condition is removed			
	Over-voltage	Protection type : Shut down o/p voltage, re-power after fault condition is removed			
		28.8-33.6V		55.2-64.8V	
SAFYE	Short Citcuit	Protection type : Hiccup mode, recovers automatically after fault condition is removed			
	Setup rise hold up time	200ms,100ms,20ms			
	Vibration	10-500Hz,2G 10min./1cycle, period for 60min, EACH AXES			
	Withstand voltage	Input and output interval,1.5KVAC, Input and enclosure, 1.5KVAC, Output and enclosure, 0.5KVAC			
	Isolation resistance	Input and output interval, Input and enclosure, 1.5KVAC, Output and enclosure, 0.5KVAC			
ENVIRONMENT	Temperature coefficient	±0.03%/°C (0-50°C)			
	Working temperature & humidity	-20~-60°C,20~90%RH			
	Store temperature & humidity	-40°C~+85°C,10~95%RH			
OTHER	Overall dimension	129*97*30mm			
	Weight	0.3Kg			
CERTIFICATE	CE EMC Authenticate	EN55022:2010 EN61000-3-2:2006+AL:2009 EN61000-3-3:2008			
		EN55024:2010 EN55015:2006+AL2007+2009 EN61547:2009			
	CE LVD Authenticate	EN61347-1:2008T A1:2001 EN61347-2-13:2006			
		EN60950-1:2006+A11:2009+A1:2010+A12:2001			
	ROHS Authenticate	EPA3050B:1996 EN1122B:2001 EPA3052:1996 EPA3060A:1996			
		EPA7196A:1992 EPA3540C:1996 EPA8270D:2007 IEC62321:2008			

DRI-LRS-150W IP20 Constant Voltage Non-Dimming



Model Specification		LRS-150-24	LRS-150-48
OUTPUT	DC voltage	24V	48V
	Rated output current	6.25A	3.2A
	Output current range	0-6.25A	0-3.2A
	DC power	150W	150W
	Voltage adj.range	±10%	±10%
	Voltage tolerance	±1%	±1%
	Ripple and noise	100mVp-p	100mVp-p
	Line Regulation	±0.5%	±0.5%
	Load stability	±0.5%	±0.5%
INPUT	AC voltage range	AC100-240V 47-63Hz:240-370VDC	
	Current	2.8A/115V 1.6A/230V	
	Efficiency	86%	86%
	AC Inrush current	Cold-start current 20A/115V 40A/230V	
	Leakage current	<0.5mA/240VAC	
PROTECTION	Overload	110 ~ 150% rated output power	
		Protection type : Hiccup mode, recovers automatically after fault condition is removed	
	Over-voltage	Protection type : Shut down o/p voltage, re-power after fault condition is removed	
		28.8-33.6V	55.2-64.8V
SAFETY	Short Circuit	Protection type : Hiccup mode, recovers automatically after fault condition is removed	
	Setup rise hold up time	200ms,100ms,20ms	
	Vibration	10-500Hz,2G 10min./1cycle, period for 60min, EACH AXES	
	Withstand voltage	Input and output interval,1.5KVAC, Input and enclosure, 1.5KVAC, Output and enclosure, 0.5KVAC	
	Isolation resistance	Input and output interval, Input and enclosure, 1.5KVAC, Output and enclosure, 0.5KVAC	
ENVIRONMENT	Temperature coefficient	±0.03%/°C (0-50°C)	
	Working temperature & humidity	-20~+60°C,20-90%RH	
	Store temperature & humidity	-40°C~+85°C,10-95%RH	
OTHER	Overall dimension	159*97*30mm	
	Weight	0.38Kg	
CERTIFICATE	CE EMC Authenticate	EN55022:2010 EN61000-3-2:2006+AL:2009 EN61000-3-3:2008	
		EN55024:2010 EN55015:2006+AL2:2007+2009 EN61547:2009	
	CE LVD Authenticate	EN61347-1:2008T A1:2001 EN61347-2-13:2006	
		EN60950-1:2006+A11:2009+A1:2010+A12:2001	
	ROHS Authenticate	EPA3050B:1996 EN122B:2001 EPA3052:1996 EPA3060A:1996	
		EPA7196A:1992 EPA3540C:1996 EPA8270D:2007 IEC62321:2008	


DRI-LRS-200W IP20 Constant Voltage Non-Dimming

Model Specification		LRS-200-24		LRS-200-48	
OUTPUT	DC voltage	24V		48V	
	Rated output current	8.3A		4.2A	
	Output current range	0-8.3A		0-4.2A	
	DC power	200W		200W	
	Voltage adj.range	±10%		±10%	
	Voltage tolerance	±1%		±1%	
	Ripple and noise	100mVp-p		100mVp-p	
	Line Regulation	±0.5%		±0.5%	
	Load stability	±0.5%		±0.5%	
INPUT	AC voltage range	90-132VAC/180-264VAC selected switch			
	Current	4A/115V 2.2A/230V			
	Efficiency	86%		86%	
	AC Inrush current	Cold-start current 20A/115V 40A/230V			
	Leakage current	<2mA/240VAC			
PROTECTION	Overload	110 - 150% rated output power			
		Protection type : Hiccup mode, recovers automatically after fault condition is removed			
	Over-voltage	Protection type : Shut down o/p voltage, re-power after fault condition is removed			
28.8-33.6V		55.2-64.8V			
SAFYE	Short Citcuit	Protection type : Hiccup mode, recovers automatically after fault condition is removed			
	Setup rise hold up time	200ms,100ms,20ms			
	Vibration	10-500Hz,2G 10min./1cycle, period for 60min, EACH AXES			
	Withstand voltage	Input and output interval,1.5KVAC, Input and enclosure, 1.5KVAC, Output and enclosure, 0.5KVAC			
	Isolation resistance	Input and output interval, Input and enclosure, 1.5KVAC, Output and enclosure, 0.5KVAC			
ENVIRONMENT	Temperature coefficient	±0.03%/°C (0-50°C)			
	Working temperature & humidity	-20--60°C,20-90%RH			
	Store temperature & humidity	-40°C~+85°C,10-95%RH			
OTHER	Overall dimension	215*115*30mm			
	Weight	0.6Kg			
CERTIFICATE	CE EMC Authenticate	EN55022:2010 EN61000-3-2:2006+AL:2009 EN61000-3-3:2008			
		EN55024:2010 EN55015:2006+AL:2007+2009 EN61547:2009			
	CE LVD Authenticate	EN61347-1:2008T A1:2001 EN61347-2-13:2006			
		EN60950-1:2006+A11:2009+A1:2010+A12:2001			
	ROHS Authenticate	EPA3050B:1996 EN1122B:2001 EPA3052:1996 EPA3060A:1996			
		EPA7196A:1992 EPA3540C:1996 EPA8270D:2007 IEC62321:2008			

DRI-LRS-350W IP20 Constant Voltage Non-Dimming



Model Specification		LRS-150-24	LRS-150-48
OUTPUT	DC voltage	24V	48V
	Rated output current	14.6A	7.3A
	Output current range	0-14.6A	0-7.3A
	DC power	350W	350W
	Voltage adj.range	±10%	±10%
	Voltage tolerance	±1%	±1%
	Ripple and noise	100mVp-p	100mVp-p
	Line Regulation	±0.5%	±0.5%
	Load stability	±0.5%	±0.5%
INPUT	AC voltage range	90-132VAC/180-264VAC selected switch	
	Current	6.8A/115V 2.4A/230V	
	Efficiency	86%	86%
	AC Inrush current	Cold-start current 20A/115V 40A/230V	
	Leakage current	<0.5mA/240VAC	
PROTECTION	Overload	110 ~ 150% rated output power	
		Protection type : Hiccup mode, recovers automatically after fault condition is removed	
	Over-voltage	Protection type : Shut down o/p voltage, re-power after fault condition is removed	
		28.8-33.6V	55.2-64.8V
SAFYE	Short Citcuit	Protection type : Hiccup mode, recovers automatically after fault condition is removed	
	Setup rise hold up time	200ms,100ms,20ms	
	Vibration	10-500Hz,2G 10min./ 1cycle, period for 60min, EACH AXES	
	Withstand voltage	Input and output interval,1.5KVAC, Input and enclosure, 1.5KVAC, Output and enclosure, 0.5KVAC	
	Isolation resistance	Input and output interval, Input and enclosure, 1.5KVAC, Output and enclosure, 0.5KVAC	
ENVIRONMENT	Temperature coefficient	±0.03%/°C (0-50°C)	
	Working temperature & humidity	-20~+60°C,20-90%RH	
	Store temperature & humidity	-40°C~+85°C,10-95%RH	
OTHER	Overall dimension	215*115*30mm	
	Weight	0.72Kg	
CERTIFICATE	CE EMC Authenticate	EN55022:2010 EN61000-3-2:2006+AL:2009 EN61000-3-3:2008	
		EN55024:2010 EN55015:2006+AL2:2007+2009 EN61547:2009	
	CE LVD Authenticate	EN61347-1:2008 AT:2001 EN61347-2-13:2006	
		EN60950-1:2006+A11:2009+A1:2010+A12:2001	
	ROHS Authenticate	EPA3050B:1996 EN122B:2001 EPA3052:1996 EPA3060A:1996	
		EPA7196A:1992 EPA3540C:1996 EPA8270D:2007 IEC62321:2008	

IP20 CONSTANT VOLTAGE • TRIAC DIMMABLE

Input voltage AC85-264V • Overcurrent and Overvoltage Protection
CCC UL TUV EAC CB CE certification • 5 Year Warranty

Driver	Model	24VDC	Dimensions
 LITECH	DRI-LT-75W	3.125A	293x43x30mm
 LITECH	DRI-LT-150W	6.25A	352x43x30mm
	DRI-DIM-40W	1.7A	133x46x24mm
	DRI-DIM-80W	4.2A	170x50x30mm

DRI-LT-75W IP20 Constant Voltage Triac Dimmable



Model Specification		LT-75-24	LT-75-12
OUTPUT	DC voltage	24V	12V
	Rated output current	max 3.125A	max 6.25A
	Output current range	0-3.125A	0-6.25A
	DC power	75W	
	Overload Power Limitation	>102%	
	Ripple and noise	150mVp-p	
	Strobe Level	High Frequency Exemption Level	
INPUT	Dimming Range	0-100%, dimming depth: max 0.1%	
	Dimming Interface	Leading Edge (Triac), Trailing Edge (ELV) phase-cut & push DIM	
	Current and Voltage	230VAC<0.4A & 220-240VAC	
	Efficiency	88%	88%
	AC Inrush current	Cold-start current 30A@230VAC	
	Leakage current	max 0.5A	
PROTECTION	Overload	Shut down the output when current load is >102% auto recovers	
	Over-voltage	Shut down o/p voltage when non-load voltage is >26V, repower on to recover after fault condition is removed	Shut down o/p voltage when non-load voltage is >13V, repower on to recover after fault condition is removed
	Short Circuit	Shut down automatically if short circuit occurs, auto recovers	
	Over-heat protection	Intelligently adjusting or turning off the output current if the PCB temperature is >110°C	
SAFETY & EMC	Withstand voltage	I/P-O/P: 3750VAC	
	Isolation Resistance	I/P-O/P: 100M Ω /500VDC/25°C/70%RH	
	Safety standards	IEC/EN61347-1, IEC/61347-2-13	
	EMC emission	EN55015, EN61000-3-2 Class C, IEC61000-3-3	
	EMC immunity	EN61000-4-2, 3, 4, 5, 6, 8, 11, EN61547	
	Strobe test standard	IEEE1789	
ENVIRONMENT	Working temperature	ta: -20~50°C tc: 90°C	
	Working humidity	20°C~95% RH, non-condensing	
	Store temperature & humidity	-40°C~80°C, 10~95% RH	
	Temp. coefficient	±0.03%/°C(0~50°C)	
	Vibration	10~500Hz, 2G 12 min./1 cycle, period for 72 min. each along X,Y,Z axes	
OTHERS	Dimension	293x43x30mm (LxWxH)	
	Packing	296x44x33mm (LxWxH)	
	Weight (G.W.)	350g ±10g	

The driver is suitable for connecting resistor current-limiting LED fixture (e.g. LED strip). The inrush current will be dozens of times increased if connecting built-in constant current IC current-limiting LED fixtures, the driver will activate the overloaded protection (hiccup flickering). When you order, please remark controlling the constant current LED fixture (e.g. MR16 lamp, underground light, LED wall washer, constant current LED strip, etc.), then we can prepare the special programs.

DRI-LT-150W IP20 Constant Voltage Triac Dimmable


Model Specification		LT-150-24	LT-150-12
OUTPUT	DC voltage	24V	12V
	Rated output current	max 6.25A	max 12.5A
	Output current range	0-6.25A	0-12.5A
	DC power	150W	
	Overload Power Limitation	>102%	
	Ripple and noise	200mVp-p	
	Strobe Level	High Frequency Exemption Level	
INPUT	Dimming Range	0-100%, dimming depth: max 0.1%	
	Dimming Interface	Triac/ELV, push DIM	
	Current and Voltage	230VAC<0.75A & 220-240VAC	
	Efficiency	91%	90%
	AC Inrush current	Cold-start current 45A@230VAC	
	Leakage current	max 0.5A	
PROTECTION	Overload	Shut down the output when current load is >102% auto recovers	
	Over-voltage	Shut down o/p voltage when non-load voltage is >28V, repower on to recover after fault condition is removed	Shut down o/p voltage when non-load voltage is >16V, repower on to recover after fault condition is removed
	Short Circuit	Enter hiccup mode if short circuit occurs, recover automatically	
	Over-heat protection	Intelligently adjusting or turning off the output current if the PCB temperature is >110°C	
SAFETY & EMC	Withstand voltage	I/P-O/P: 3750VAC	
	Isolation resistance	I/P-O/P: 100MΩ/500VDC/25°C/70%RH	
	Safety standards	IEC/EN61347-1, IEC/61347-2-13	
	EMC emission	EN55015, EN61000-3-2 Class C, IEC61000-3-3	
	EMC immunity	EN61000-4-2, 3.4, 5.6, 8.11, EN61547	
	Strobe test standard	IEEE1789	
ENVIRONMENT	Working temperature	ta:-20~50°C tc: 90°C	
	Working humidity	20°C~95°C RH, non-condensing	
	Store temperature & humidity	-40°C~80°C, 10~95% RH	
	Temp. coefficient	±0.03%/°C(0~50°C)	
OTHERS	Vibration	10~500Hz, 2G 12 min./1 cycle, period for 72 min. each along X,Y,Z axes	
	Dimension	352x43x30mm (LxWxH)	
	Packing	355x44x33mm (LxWxH)	
	Weight (G.W.)	430g ±10g	

The driver is suitable for connecting resistor current-limiting LED fixture (e.g. LED strip). The inrush current will be dozens of times increased if connecting built-in constant current IC current-limiting LED fixtures, the driver will activate the overloaded protection (hiccups flickering). When you order, please remark controlling the constant current LED fixture (e.g. MR16 lamp, underground light, LED wall washer, constant current LED strip, etc.), then we can prepare the special programs.

DRI-DIM-40W IP20 Constant Voltage Triac Dimmable



Model Specification		DRI-DIM-40-12	DRI-DIM-40-24
OUTPUT	DC voltage	12V	24V
	Rated output current	Max 3.3A	Max 1.7A
	Output current range	0-3.3A	0-1.7A
	DC power	40W	40W
	Voltage Accuracy	±2%	±2%
	Voltage Regulation Factor	±1%	±1%
INPUT	Dimming Range	5% - 100% without flashing	
	Dimming Interface	Triac Dimmable	
	Current and Voltage	0.27A/110V 0.47A/220V	
	Efficiency	86%	86%
	Power Factor	HPR >0.96 & LPR >0.5	
PROTECTION	Overload	Multiple protections like short circuit and over-current and over-voltage protection	
	Over-voltage		
	Short Circuit		
ENVIRONMENT	Working temperature	-30°C ~ +50°C	
	Store temperature	-30°C ~ +50°C	
OTHER	Overall dimension	133*46*24mm	
	Weight	0.14kg	
	Mounting Aperture	3	
CERTIFICATE	CE EMC Authenticated		
	SELV Authenticated		
	SAA Approvals Authenticated		
	ROHS Authenticated		
	Intertek Authenticated		

DRI-DIM-80W IP20 Constant Voltage Triac Dimmable


Model Specification		DRI-DIM-80-12	DRI-DIM-80-24
OUTPUT	DC voltage	12V	24V
	Rated output current	Max 6A	Max 3.3A
	Output current range	0-6A	0-3.3A
	DC power	80W	80W
	Voltage Accuracy	±2%	±2%
	Voltage Regulation Factor	±1%	±1%
INPUT	Dimming Range	5% - 100% without flashing	
	Dimming Interface	Triac Dimmable	
	Current and Voltage	1A/110V 0.52A/220V	
	Efficiency	86%	86%
	Power Factor	HPR >0.96 & LPR >0.5	
PROTECTION	Overload	Multiple protections like short circuit and over-current and over-voltage protection	
	Over-voltage		
	Short Circuit		
ENVIRONMENT	Working temperature	-30°C - ±50°C	
	Store temperature	-30°C - ±50°C	
OTHER	Overall dimension	133*46*24mm	
	Weight	0.25kg	
	Mounting Aperture	3	
CERTIFICATE	CE EMC Authenticated		
	SELV Authenticated		
	SAA Approvals Authenticated		
	ROHS Authenticated		
	Intertek Authenticated		





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