FIND US

HEAD OFFICE: DURBAN
Units 2 - 7 Thynk Industrial Park, 1 Brickworks Way, Briardene, Durban 4051
031 563 3341 | 031 563 1841 | 031 563 1496

PORT ELIZABETH
Unit 8 Federated Industrial Park, 26 Paterson Road, North End, Port Elizabeth 6001
041 484 1778 | 041 484 7757

GARDEN ROUTE
060 881 8615 | 041 484 1778 | 083 259 2983

CAPE TOWN
083 458 8662 | 083 259 2983 | 060 881 8615

JOHANNESBURG
065 828 6644 | 081 858 2280 | 083 653 1643

sales@mezlighting.co.za
www.mezlighting.com

AUTHORISED RESELLER

LEVEL 4
B-BBEE
CONTRIBUTOR
Proudly

MESMERIZE LIGHTING CATALOGUE   2023 - 2024

MESMERIZE™
LIGHTING

PRODUCT CATALOGUE
2023-24

ABOUT US

At Mesmerize, we pride ourselves on offering a full turn-key solution for customers across South Africa. While we only sell to accredited Mesmerize distributors, our support is focused on everyone from Architects/Engineers, Contractors, and Sales staff to the installer and end-user: on site and in the office.

We research and develop LED Lighting products that suit the needs of customers in South Africa and import them to distribute across all 9 provinces. We offer piece of mind to our customers by providing the following:
• Quality • Trust • National Network • Affordability

We have identified the need for a premium quality lighting in the commercial, residential and industrial sectors. We also assure that we have the necessary skills and tools on hand to ensure our product line is of the highest quality.

OUR VISION

Our products form the foundation of our business, and providing our customers with the best product for the fairest price is our main objective. We are motivated by our development towards ever better product knowledge and sharing the improved lighting technology with South Africa.

WHY CHOOSE US?

Mesmerize Lighting retains over a decade worth of experience in the lighting industry, our expertise and ability to provide exceptional after sale service makes us the peoples choice for their lighting requirements.

We are about more than just the sale, we are about creating lasting relationships that long outlive the sale.
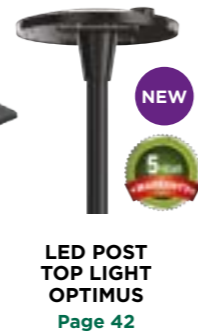
CONTENTS

CONTENTS

LED **UFO** HIGHBAY

SIERRA

SMD2835 MLS	**130** LUMEN PER WATT	**CRI 80**	**TM21** / **LM80** — LEDs
	PF >0.95	**180-264** VAC	**4kv** SURGE PROTECTION / **NoN** DIMMABLE — DRIVER
		ADC12 HEAT-SINK	**EMC** / **IP65** / **IK07** — STRUCTURE
105° BEAM ANGLE	**IES** AVAILABLE	**30 000** HOURS	**2/3** YEAR WARRANTY / CE / RoHS — CERTIFICATE

INSTALLATION OPTION

Hook

REFLECTOR OPTION

Aluminium Reflector
One size fits all:
80W/110W/ 160W/210W

TECHNICAL SPECIFICATIONS

Model No.	Wattage	LEDs	Lumen	Kelvin	CRI	Beam Angle	Voltage	Power Factor	Dimmable	Surge Protec-tion	Hook or Ring	Cable AC	Dimension (mm)	
													D	H
ML-SRA-80W-xx	80W	MLS	9 600	4000K 5000K 6500K	Ra80	105°	AC180-264V	>0.95	No	4kV	Hook	1m H05	190	53
ML-SRA-110W-xx	110W	MLS	14 300	4000K 5000K 6500K	Ra80	105°	AC180-264V	>0.95	No	4kV	Hook	1m H05	230	53
ML-SRA-160W-xx	160W	MLS	20 800	4000K 5000K 6500K	Ra80	105°	AC180-264V	>0.95	No	4kV	Hook	1m H05	270	53
ML-SRA-210W-xx	210W	MLS	27 300	4000K 5000K 6500K	Ra80	105°	AC180-264V	>0.95	No	4kV	Hook	1m H05	310	53
ML-SRA-RF-80W	Aluminium Reflector for 80W Sierra UFO High Bay													
ML-SRA-RF-110W	Aluminium Reflector for 110W Sierra UFO High Bay													
ML-SRA-RF-160W	Aluminium Reflector for 160W Sierra UFO High Bay													
ML-SRA-RF-210W	Aluminium Reflector for 210W Sierra UFO High Bay													

LED **UFO** HIGHBAY

SKYE

CREE⬦ SMD2835	**160** LUMEN PER WATT	CRI **80**	↑ ADJUST ABLE / BEAM ANGLE	TM**21** / LM**80**	LEDs
ISOLATED DRIVER RATED 120 000 HOURS	**90-305** VAC	**4kv** SURGE PROTECTION	**3-IN-1** DIMMABLE		DRIVER
	TGIC PAINTING	**DIY** LENS	IP**65** / IK**08**		STRUCTURE
IES AVAILABLE	**50 000** HOURS	**5** YEAR WARRANTY	CE	RoHS	✓	CERTIFICATE

INSTALLATION OPTIONS

Surface Mount Bracket for **100W**

Surface Mount Bracket for **150W/200W**

REFLECTOR OPTIONS

Aluminium Reflector **60°**

Aluminium Reflector **90°**

Aluminium Reflector **70°**

TECHNICAL SPECIFICATIONS

Model No.	Wattage	LEDs	Lumen	Kelvin	CRI	Beam Angle	Voltage	Power Factor	Dimmable	Surge Protec- tion	Hook or Ring	Cable AC	Dimension (mm)	
													D	H
ML-SK-100W-5K	100W	CREE⬦ SMD2835	16 000	3000K 4000K 5000K	Ra80	60° / 90° / 120°	AC90-305V	>0.95	Yes 1-10V / PWM	4kV	Hook	1m H05	226	152
ML-SK-150W-5K	150W	CREE⬦ SMD2835	24 000	3000K 4000K 5000K	Ra80	60° / 90° / 120°	AC90-305V	>0.95	Yes 1-10V / PWM	4kV	Hook	1m H05	275	152
ML-SK-200W-5K	200W	CREE⬦ SMD2835	32 000	3000K 4000K 5000K	Ra80	60° / 90° / 120°	AC90-305V	>0.95	Yes 1-10V / PWM	4kV	Hook	1m H05	275	152
ML-SK-RF-AL-60	Aluminium Reflector 60° Beam Angle for 100W/150W/200W Skye UFO High Bay													
ML-SK-RF-AL-90	Aluminium Reflector 90° Beam Angle for 100W/150W/200W Skye UFO High Bay													
ML-SK-RF-PC-70	Polycarbonate Reflector 70° Beam Angle for 100W/150W/200W Skye UFO High Bay													

NEW

LED **UFO** HIGHBAY

ZENITH PRO

LITE**ON** 5050 SMD LED CHIPS	60°/90° /110° BEAM ANGLE	200 LUMEN PER WATT	UGR <16/19	LEDs
Zhaga	1M H05 GRADED CABLE	ADC12 ALUMINIUM HOUSING	IP65	STRUCTURE
			IK08	-20° TO 50°
IEC CE ENEC ✓RoHS	ErP 2.0	SAA	L70 100 000 HOURS	5 YEAR WARRANTY	CERTIFICATE

INSTALLATION OPTIONS

Ring Suspending   **Hook** Suspending   **Bracket** Surface Mounted

OPTICAL
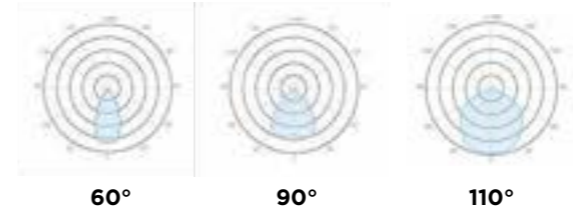
60°   90°   110°

Zhaga Microwave Sensor Socket

Remote for Zhaga Microwave Sensor

TECHNICAL SPECIFICATIONS

Model No	Wattage	Lumen	Kelvin	CRI	Power Factor	Driver	Beam Angle	Voltage	Dimmable	Zhaga Connector	Dimension (mm)	
											D	H
ML-ZPR-150W-4K	150W	30000	4000K	Ra70	0.95	SOSEN LED DRIVER with 6kV Surge Protection	60° / 90° (Standard) / 110°	AC120-277V	1 - 10V PMW Dimming Option	Microwave/ Dimming/ Lux/ Bluetooth	320	160
ML-ZPR-240W-4K	240W	48000	4000K	Ra70	0.95	SOSEN LED DRIVER with 6kV Surge Protection	(Standard) 60° / 90° / 110°	AC120-277V	1 - 10V PMW Dimming Option	Microwave/ Dimming/ Lux/ Bluetooth	320	160

LED **UFO** HIGHBAY
LUMINA

LEDs
- NICHIA SMD2835
- **160** LUMEN PER WATT
- CRI **80**
- **120°** BEAM ANGLE
- TM**21**
- LM**80**

DRIVER
- MEAN WELL DRIVER
- PF **>0.95**
- 90-305 VAC
- 4-10kv SURGE PROTECTION
- DIMMABLE

STRUCTURE
- **AL1070** ALUMINIUM
- COLD-FORGING TECHNoLOGY
- -40° - +50°
- IP**65**
- IK**08**

CERTIFICATE
- **IES** AVAILABLE
- **50 000** HOURS
- **5** YEAR WARRANTY
- CE
- RoHS
- ✓

REFLECTOR OPTIONS

Aluminium **Reflector**

Polycarb **Reflector**

TECHNICAL SPECIFICATIONS

Model No.	Wattage	LEDs	Lumen	Driver	Kelvin	CRI	Beam Angle	Voltage	Power Factor	Dimmable	Surge Protec-tion	Hook or Ring	Cable AC	Dimension (mm) D	H
Option 1: CREE LEDs SMD2835 + Sosen Driver - 150LM/W														
ML-LM-320W-xx	320W	CREE SMD2835	50 000	SOSEN	4000K 5000K 5700K	Ra80	60° 90° 120°	AC90-305V	>0.95	Yes 0-10V / PWM	10kV	Hook or Ring	1m H05	280	221
ML-LM-480W-xx	480W	CREE SMD2835	72 000	SOSEN	4000K 5000K 5700K	Ra80	60° 90° 120°	AC90-305V	>0.95	Yes 1-10V / PWM	10kV	Hook or Ring	1m H05	400	255
Option 2: Nichia LEDs 757G-V3 + Meanwell HLG Driver - 160LM/W														
ML-LMV-320W-xx	320W	NICHIA 757G-V3	51 200	MW	4000K 5000K 5700K	Ra80	60° 90° 120°	AC90-305V	>0.95	Yes 0-10V / PWM	10kV	Hook or Ring	1m H05	280	221
ML-LMV-480W-xx	480W	NICHIA 757G-V3	76 800	MW	4000K 5000K 5700K	Ra80	60° 90° 120°	AC90-305V	>0.95	Yes 1-10V / PWM	10kV	Hook or Ring	1m H05	400	255

LED **UFO** HIGHBAY
HUBELL

Specifications Icons

LEDs	SMD2835	170 LUMEN PER WATT	CRI 70	90° BEAM ANGLE	TM21 / LM80	DOT LENS
DRIVER	SOSEN DRIVER	PF >0.95	80-305 VAC	6kv SURGE PROTECTION	3-IN-1 DIMMABLE	Zhaga
STRUCTURE	UGR <16 ANTI-GLARE	-30° - +60° WORKING TEMP.	IP69K	IP66 / IK10		
CERTIFICATE	IES AVAILABLE	50 000 HOURS	5 YEAR WARRANTY	CE	RoHS	NSF

FOOD SAFE LED

COLOUR OPTIONS

White Black

TECHNICAL SPECIFICATIONS

Model No.	Wattage	LEDs	Lumen	Driver	Kelvin	CRI	Beam Angle	Voltage	Power Factor	Dimmable	Surge Protection	Hook or Ring	Cable AC	Dimension (mm) D	H
ML-HUB-110W-xx	110W	SMD2835	18 700	SOSEN	4000K 5000K 5700K	Ra70	90°	AC90-305V	>0.95	Yes	6kV	Hook or Ring	1m H05	417	192
ML-HUB-160W-xx	160W	SMD2835	27 200	SOSEN	4000K 5000K 5700K	Ra70	90°	AC90-305V	>0.95	Yes	6kV	Hook or Ring	1m H05	417	192

LED **LINEAR** HIGHBAY

MARVEL

LEDs

| CREE SMD2835 | 150 LUMEN PER WATT | CRI 80 | ADJUSTABLE / BEAM ANGLE | TM21 / LM80 |

DRIVER

| ISOLATED DRIVER | 90-305 VAC | 10kv SURGE PROTECTION | 3-IN-1 DIMMABLE |

STRUCTURE

| TGIC PAINTING | DIY LENS | IP65 / IK08 |

CERTIFICATE

| IES AVAILABLE | 50 000 HOURS | 5 YEAR WARRANTY | CE | RoHS | ✓ |

INSTALLATION OPTIONS

Suspending

Surface Mounted

OPTICAL

**

90° **60x90°** **30x70°**

TECHNICAL SPECIFICATIONS

Model No.	Wattage	LEDs	Lumen	Driver	Kelvin	CRI	Beam Angle	Voltage	Power Factor	Dimmable	Surge Protection	Cable AC	Dimension (mm)		
													L	W	H
ML-MV-100W-xx	100W	CREE SMD2835	15 000	SOSEN	4000K 5000K 5700K	Ra80	30x70° 60x90° 90°	AC90-305V	>0.95	Yes 1-10V / PWM	10kV	1m H05	562	119	94
ML-MV-150W-xx	150W	CREE SMD2835	22 000	SOSEN	4000K 5000K 5700K	Ra80	30x70° 60x90° 90°	AC90-305V	>0.95	Yes 1-10V / PWM	10kV	1m H05	829	119	94
ML-MV-200W-xx	200W	CREE SMD2835	30 000	SOSEN	4000K 5000K 5700K	Ra80	30x70° 60x90° 90°	AC90-305V	>0.95	Yes 1-10V / PWM	10kV	1m H05	1095	119	94

LED **LINEAR** HIGHBAY

MAVERICK

INSTALLATION OPTIONS

Suspending **Surface Mounted**

OPTICAL

40x90° **60x100°** **90°** **120°**

Feature Icons

- LUMILEDS
- **150** LUMEN PER WATT
- CRI **80**
- ADJUSTABLE **BEAM** ANGLE
- TM**21**
- LM**80**
- LEDs
- GO DRIVER
- PF **>0.95**
- **120-277** VAC
- **6kv** SURGE PROTECTION
- **1-10V** DIMMABLE
- FLICKER FREE
- DRIVER
- AL6063 ALUMINIUM
- TGIC PAINTING
- DIY LENS
- IP**54**
- IK**08**
- STRUCTURE
- IES AVAILABLE
- **50 000** HOURS
- **5** YEAR WARRANTY
- CE
- RoHS
- CERTIFICATE
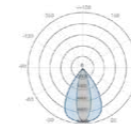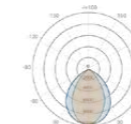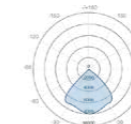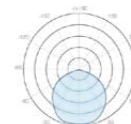
TECHNICAL SPECIFICATIONS

Model No.	Wattage	LEDs	Lumen	Driver	Kelvin	CRI	Beam Angle	Voltage	Power Factor	Dimmable	Flicker Free	Surge Protection	Cable AC	Dimension (mm)		
														L	W	H
ML-MRK-50W-xx	50W	LUMILEDS	7 500	GO	4000K 5000K 5700K	Ra80	40x90° 60x100° 120°	AC120-277V	>0.95	Dim 1-10V	Yes	6kV	1m H05	278	90	86
ML-MRK-100W-xx	100W	LUMILEDS	15 000	GO	4000K 5000K 5700K	Ra80	40x90° 60x100° 120°	AC120-277V	>0.95	Dim 1-10V	Yes	6kV	1m H05	518	90	86
ML-MRK-150W-xx	150W	LUMILEDS	22 500	GO	4000K 5000K 5700K	Ra80	40x90° 60x100° 120°	AC120-277V	>0.95	Dim 1-10V	Yes	6kV	1m H05	758	90	86
ML-MRK-200W-xx	200W	LUMILEDS	30 000	GO	4000K 5000K 5700K	Ra80	40x90° 60x100° 120°	AC120-277V	>0.95	Dim 1-10V	Yes	6kV	1m H05	998	90	86

LED **LINEAR** HIGHBAY

MATRIX

CREE◈ SMD2835	**150** LUMEN PER WATT	CRI **80**	↑50x90° BEAM ANGLE	TM**21**	LEDs
SOSEN DRIVER	⚡ 90-305 VAC	6-10kv SURGE PROTECTION	3-IN-1 DIMMABLE	FLICKER FREE	DRIVER
	PURE ALUMINIUM HOUSING	DIY LENS	IP**40**		STRUCTURE
IES AVAILABLE	50 000 HOURS	5 YEAR WARRANTY	CE	RoHS	CERTIFICATE

I N S T A L L A T I O N   O P T I O N S

Rope Hanging   Surface Mounted   Pole Mounted
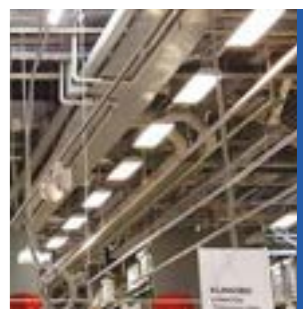
T E C H N I C A L   S P E C I F I C A T I O N S

Model No.	Wattage	LEDs	Lumen	Driver	Kelvin	CRI	Beam Angle	Voltage	Power Factor	Dimmable	Surge Protection	Cable AC	Dimension (mm)		
													L	W	H
ML-LH-75W-xx	75W	CREE◈ SMD2835	11 250	SOSEN	4000K 5000K 5700K	Ra82	50x90°	AC90-305V	>0.95	Yes 1-10V / PWM	10kV	1m H05	577	254	59
ML-LH-100W-xx	100W	CREE◈ SMD2835	15 000	SOSEN	4000K 5000K 5700K	Ra82	50x90°	AC90-305V	>0.95	Yes 1-10V / PWM	10kV	1m H05	577	254	59
ML-LH-150W-xx	150W	CREE◈ SMD2835	22 500	SOSEN	4000K 5000K 5700K	Ra82	50x90°	AC90-305V	>0.95	Yes 1-10V / PWM	10kV	1m H05	577	254	59
ML-LH-200W-xx	200W	CREE◈ SMD2835	30 000	SOSEN	4000K 5000K 5700K	Ra82	50x90°	AC90-305V	>0.95	Yes 1-10V / PWM	10kV	1m H05	1094	254	59
ML-LH-240W-xx	240W	CREE◈ SMD2835	36 000	SOSEN	4000K 5000K 5700K	Ra82	50x90°	AC90-305V	>0.95	Yes 1-10V / PWM	10kV	1m H05	1094	254	59
ML-LH-300W-xx	300W	CREE◈ SMD2835	45 000	SOSEN	4000K 5000K 5700K	Ra82	50x90°	AC90-305V	>0.95	Yes 1-10V / PWM	10kV	1m H05	1094	254	59
ML-LH-400W-xx	400W	CREE◈ SMD2835	60 000	SOSEN	4000K 5000K 5700K	Ra82	50x90°	AC90-305V	>0.95	Yes 1-10V / PWM	10kV	1m H05	1094	374	59

LEDs

| SMD 2835 | 100 LUMEN PER WATT | CRI 80 | 200° BEAM ANGLE | TM21 LM80 |

DRIVER

| SWITCH DOB | 180-277 VAC | 1kv SURGE PROTECTION | FLICKER FREE |

Replacement is based on lux

LED		CFL
20W		40W
30W	=	60W
40W		80W
50W		100W

STRUCTURE

| 1-PIECE HOUSING | IP40 | |

CERTIFICATE

| IES AVAILABLE | 25 000 HOURS | 2 YEAR WARRANTY | CE | RoHS |

Suggested installation height

<6m

LED HEAVY DUTY GLOBE

HAVOK

TECHNICAL SPECIFICATIONS

Model No.	Wattage	Lumen	Kelvin	CRI	Beam Angle	Voltage	Flicker Free	Dimmable	Surge Protection	Base	Replacement CFL	Dimension (mm) D	H
ML-HK-20W-6K	20W	2000	6500K	Ra80	200°	AC180-277V	Yes	No	1kV	E27	40W	80	140
ML-HK-30W-6K	30W	3000	6500K	Ra80	200°	AC180-277V	Yes	No	1kV	E27	60W	100	162
ML-HK-40W-6K	40W	4000	6500K	Ra80	200°	AC180-277V	Yes	No	1kV	E27	80W	118	196
ML-HK-50W-6K	50W	5000	6500K	Ra80	200°	AC180-277V	Yes	No	1kV	E27	100W	138	230
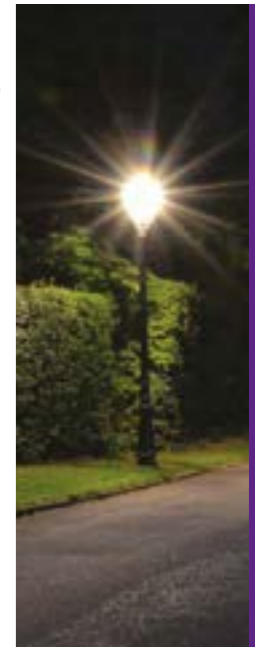
LED HEAVY DUTY GLOBE

CORSAIR

SMD 2835	120 LUMEN PER WATT	CRI 80	180° BEAM ANGLE	LM80	LEDs
		PF >0.95	198-264 VAC	1kv SURGE PROTECTION	DRIVER
		AL1070 ALUMINIUM HOUSING	E40		STRUCTURE
IES AVAILABLE	25 000 HOURS	2 YEAR WARRANTY	CE	RoHS	CERTIFICATE

INSTALLATION OPTIONS

Replacement is based on lux
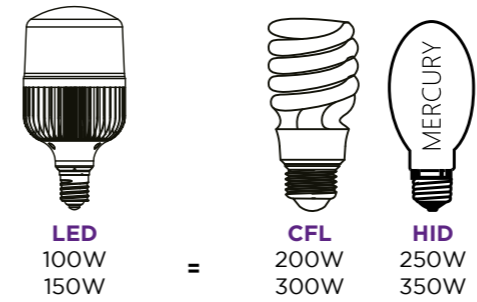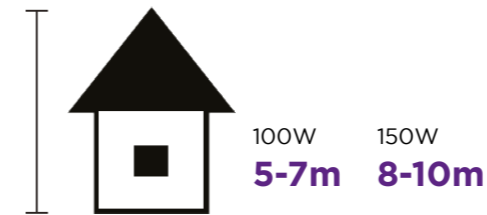
LED
100W
150W

=

CFL
200W
300W

HID
250W
350W

MERCURY

Suggested installation height

100W
5-7m

150W
8-10m

BEST SELLER

TECHNICAL SPECIFICATIONS

Model No.	Wattage	Lumen	Kelvin	CRI	Beam Angle	Voltage	Dimmable	Surge Protection	Base	Replacement CFL	Dimension (mm)	
											D	H
ML-CRS-100W-E40-57K	100W	12000	5700K	Ra80	180°	AC198-264V	No	1kV	E40	200W	140	278
ML-CRS-120W-E40-57K	120W	14400	5700K	Ra80	180°	AC198-264V	No	1kV	E40	240W	140	297
ML-CRS-150W-E40-57K	150W	18000	5700K	Ra80	180°	AC198-264V	No	1kV	E40	300W	167	324

LED FLOODLIGHT

ACCENT COLOUR SERIES

Garden Spike Available

EPILEDS		**CRI 80**	**↑120°** BEAM ANGLE	LEDs
ISOLATED DRIVER	⚡ **180-265** VAC	**1kv** SURGE PROTECTION	**PF >0.95**	DRIVER
	DIE-CAST ALUMINIUM	**1M** H05 CABLE	**IP65** / **IK07**	STRUCTURE
IES 60598	**25 000** HOURS	**2 YEAR** WARRANTY	CE / RoHS	CERTIFICATE

TECHNICAL SPECIFICATIONS

Model No.	Wattage	Colour	CRI	Beam Angle	Voltage	Dimmable	Surge Protection	Cable AC	Dimension (mm)		
									L	W	H
ML-JFL-10W-G	10W	Green	Ra80	120°	AC180-265V	No	1kV	1m H05	100	130	30
ML-JFL-10W-B	10W	Blue	Ra80	120°	AC180-265V	No	1kV	1m H05	100	130	30
ML-JFL-10W-RGB	10W	Multi Colour	Ra80	120°	AC180-265V	Yes	1kV	1m H05	100	130	30
ML-JFL-30W-G	30W	Green	Ra80	120°	AC180-265V	No	1kV	1m H05	180	215	40
ML-JFL-30W-B	30W	Blue	Ra80	120°	AC180-265V	No	1kV	1m H05	180	215	40
ML-JFL-30W-RGB	30W	Multi Colour	Ra80	120°	AC180-265V	Yes	1kV	1m H05	180	215	40
ML-JFL-SP10W	Garden Spike for 10W and 20W								160	40	40
ML-JFL-SP30W	Garden Spike for 30W and 50W								210	43	43

LEDs	SAMSUNG SMD 2835	100 LUMEN PER WATT	CRI 80	110° BEAM ANGLE	TM21 / LM80
DRIVER	DOB DESIGN	PF 0.9	180-277 VAC	1kv SURGE PROTECTION
STRUCTURE	ePTEF RESPIRATOR VALVE FOR CONDENSATION BUILD-UP	ALUMINIUM HOUSING	30° BRACKET	IK06 / IP65
CERTIFICATE	IES AVAILABLE	25 000 HOURS	2 YEAR WARRANTY	CE	RoHS
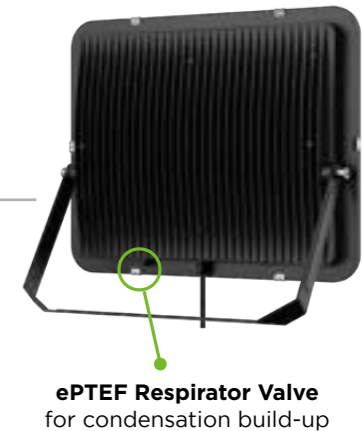
INSTALLATION OPTION

30° Oblique Angled Bracket

QuickInstall

ePTEF Respirator Valve
for condensation build-up

LED FLOODLIGHT

ATLAS MOTION SENSOR

PIR MOTION

TECHNICAL SPECIFICATIONS

Model No.	Wattage	LEDs	Lumen	Kelvin	CRI	Beam Angle	Voltage	Dimma-ble	Surge Protec-tion	Sensor Range	IP Rating	Cable AC	Dimension (mm)		
													L	W	H
ML-AT-20W-6K-SEN	20W	SAMSUNG	1800	6500K	Ra80	110°	AC180-277V	No	1kV	6-10m	IP65	1m H05	164	135	56
ML-AT-30W-6K-SEN	30W	SAMSUNG	2700	6500K	Ra80	110°	AC180-277V	No	1kV	6-10m	IP65	1m H05	186	135	56
ML-AT-50W-6K-SEN	50W	SAMSUNG	4000	6500K	Ra80	110°	AC180-277V	No	1kV	6-10m	IP65	1m H05	240	180	30

INSTALLATION OPTION

30° Oblique Angled Bracket

QuickInstall

Garden Spikes Available

BEST SELLER

LED FLOODLIGHT

ATLAS

SAMSUNG SMD 2835

100 LUMEN PER WATT

CRI 80

110° BEAM ANGLE

TM**21**

LM**80**

LEDs

DOB DESIGN

PF **0.9**

180-277 VAC

1-2kv SURGE PROTECTION

DRIVER

ePTEF RESPIRATOR VALVE FOR CONDENSATION BUILD-UP

ALUMINIUM HOUSING

30° BRACKET

IK**06**

IP**65**

STRUCTURE

IES AVAILABLE

25 000 HOURS

2 YEAR WARRANTY

CE

RoHS

CERTIFICATE

50W

TECHNICAL SPECIFICATIONS

Model No.	LEDs	Watt-age	Lumen	Kelvin	CRI	Beam Angle	Voltage	Dimma-ble	Power Factor	Surge Protec-tion	Cable AC	Dimension (mm)		
												L	W	H
ML-AT-10W-xx	SAMSUNG	10W	900	3000K 4000K 6500K	Ra80	110°	AC180-277V	No	0.5	1kV	1m H05	109	90	27
ML-AT-20W-xx	SAMSUNG	20W	1800	3000K 4000K 6500K	Ra80	110°	AC180-277V	No	0.9	1kV	1m H05	165	135	30
ML-AT-30W-xx	SAMSUNG	30W	2700	3000K 4000K 6500K	Ra80	110°	AC180-277V	No	0.9	1kV	1m H05	186	135	30
ML-AT-50W-xx	SAMSUNG	50W	4500	3000K 4000K 6500K	Ra80	110°	AC180-277V	No	0.9	2kV	1m H05	180	240	30
ML-AT-100W-xx	SAMSUNG	100W	9000	3000K 4000K 6500K	Ra80	110°	AC180-277V	No	0.9	2kV	1m H05	313	243	37
ML-AT-200W-xx	SAMSUNG	200W	20000	3000K 4000K 6500K	Ra80	110°	AC180-277V	No	0.9	2kV	1m H05	380	362	49
ML-AT-300W-xx	SAMSUNG	300W	30000	3000K 4000K 6500K	Ra80	110°	AC180-277V	No	0.9	2kV	1m H05	480	262	54
ML-JFL-SP10W	Garden Spike for 10W and 20W											160	40	40
ML-JFL-SP30W	Garden Spike for 30W and 50W											210	43	43

LED FLOODLIGHT

TRIFECTA

NEW

SAMSUNG | FLICKER FREE | **110°** BEAM ANGLE | LEDs

ACD12 ALUMINIUM HOUSING | BUILT-IN DRIVER WITH SWITCHED IC | IK08 / IP65 | STRUCTURE

IEC | CE | RoHS | ErP | REACH | SAA | 50 000 HOURS | 5 YEAR WARRANTY | CERTIFICATE

TECHNICAL SPECIFICATIONS

Model	ML-TFT-20W1612-CCT	ML-TFT-50W4030-CCT	ML-TFT-100W8060-CCT	ML-TFT-200W1612-CCT
Watts by Dip-Switch	20W/16W/12W	50W/40W/30W	100W/80W/60W	200W/160W/120W
Lumen	2800lm/2240lm/1680lm	7000lm/5600lm/4200lm	14000lm/11200lm/8400lm	28000lm/22400lm/16800lm
Efficiency	140lm/w			
CCT by Dip-Switch	6500K+4000K+3000K			
CRI	Ra≥80			
Beam Angle	110°			
LEDs Brand	SAMSUNG			
Input Voltage	110-277Vac			
PF	≥0.7	≥0.9	≥0.9	≥0.9
Flicker Free	Flicker Free			
EMC	EMC Passed			
Surge Protection	L/N-PE: 2kV, L-N: 1kV	L/N-PE: 2kV, L-N: 1kV	L/N-PE: 6kV, L-N: 4kV	L/N-PE: 6kV, L-N: 4kV
DIM	Non-Dimmable			
Cable	H05, 1M, 3*1mm	H05, 1M, 3*1mm	H05, 1M, 3*1mm	H05, 1M, 3*1mm
IP Rating	IP65			
IK Rating	IK08			
Dimension (mm)	135 (L) x 110 (W) x 29 (H)	200 (L) x 150 (W) x 29.6 (H)	300 (L) x 222 (W) x 45 (H)	390 (L) x 305 (W) x 58 (H)

WW CW DL

INSTALLATION OPTIONS

20W | **50W** | **100W** | **200W**
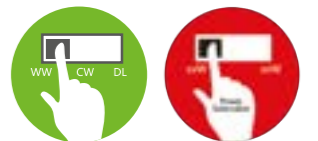
LED FLOODLIGHT

APOLLO COASTAL

LUMILEDS SMD 3030	**140** LUMEN PER WATT	**CRI 82**	TM**21** LM**80**	LEDs
MW BEAN WELL DRIVER	**PF 0.98**	**100-305** VAC	**6kv** SURGE PROTECTION	DRIVER
MICRO-CELLULAR **PET**	**316** STAINLESS STEEL	**PC** LENS	ADC12 ALUMINIUM HOUSING	IK**10** IP**66**	STRUCTURE
IES AVAILABLE	**50 000** HOURS	**5 YEAR** WARRANTY	CE ✓ RoHS	**EMC**	CERTIFICATE

INSTALLATION OPTION

65W with Spigot

Apollo XS

TECHNICAL SPECIFICATIONS

Model No.	LEDs	Watt-age	Lumen	Kelvin	CRI	Beam Angle	Voltage	Dim-mable	Power Factor	Driver	Surge Protec-tion	Cable AC	Dimension (mm)		
													L	W	H
ML-APXS-25W-xx	LUMILEDS	25W	3750	3000K 4000K 5700K	Ra82	80° x 140°	AC100-277V	No	0.95	DONE	6kV	1m H05	242	169	51
ML-APXS-65W-xx	LUMILEDS	65W	10000	3000K 4000K 5700K	Ra82	80° x 140°	AC100-277V	No	0.95	DONE	6kV	1m H05	337	269	52
ML-APXS-120W-xx	LUMILEDS	120W	15626	4000K 5700K	Ra82	90°	AC100-305V	No	0.95	MW	6kV	1m H05	394	393	57
ML-APXS-240W-xx	LUMILEDS	240W	30457	4000K 5700K	Ra82	90°	AC100-305V	No	0.95	MW	6kV	1m H05	498	393	59
NEW ML-APLXS-500W-57	LUMILEDS	500W	76000	5700K	Ra82	90°	AC100-305V	No	0.98	MW	6kV	1m H05	503	545	64
ML-SPG-65	LUMILEDS	Pole Mounting Spigot for 65mm Diameter								MW			180	95	85
ML-SPG-80		Pole Mounting Spigot for 80mm Diameter											225	100	130

LED FLOODLIGHT

ALPHA

INSTALLATION OPTION

Shades Optional

Feature Icons

LUMILEDS SMD 3030	150 LUMEN PER WATT	CRI 85	ADJUSTABLE BEAM ANGLE	TM21 / LM80 — LEDs
PF 0.98 MEAN WELL DRIVER	100-305 VAC	10kv SURGE PROTECTION	FLICKER FREE — DRIVER
316 STAINLESS STEEL	HONEY COMB LENS	ADC COASTAL ALUMINIUM HOUSING	IK10 / IP66 — STRUCTURE
IES AVAILABLE	50 000 HOURS	5 YEAR WARRANTY	CE	RoHS	EMC — CERTIFICATE

TECHNICAL SPECIFICATIONS

Model No.	LEDs	Watt-age	Lumen	Kelvin	CRI	Beam Angle	Voltage	Dim-mable	Power Factor	Driver	Surge Protec-tion	Cable AC	Dimension (mm) L	W	H
ML-ALA-500W-xx	LUMILEDS	500W	75000	4000K 5700K	Ra85	30° 60° 90° 120°	AC100-305V	No	0.95	MW	10kV	1m H05	531	377	130
ML-ALA-1000W-xx	LUMILEDS	1000W	150000	4000K 5700K	Ra85	30° 60° 90° 120°	AC100-305V	No	0.95	MW	10kV	1m H05	1060	337	130

LED STREET LIGHT

RAZR

NEW

SMD 5050 LITEON	CR 70	70°X 135° BEAM ANGLE	175 LUMEN PER WATT	LEDs
SOSEN LED DRIVER	90-305 VAC	PF 0.95	6kV/10kV/20kV SURGE PROTECTION	DRIVER
MARINE GRADE ACD12 ALUMINIUM	UV STABLISED POLYCAR-BONATE LENS	3G VIBRATION TEST	42 TO 65 SPIGOT	STRUCTURE
IEC EMC	CE	RoHS	108000 HOURS @ L70 OR 51000 HOURS @ L90	CERTIFICATE

INSTALLATION OPTIONS

30W   **60W**   **150W**
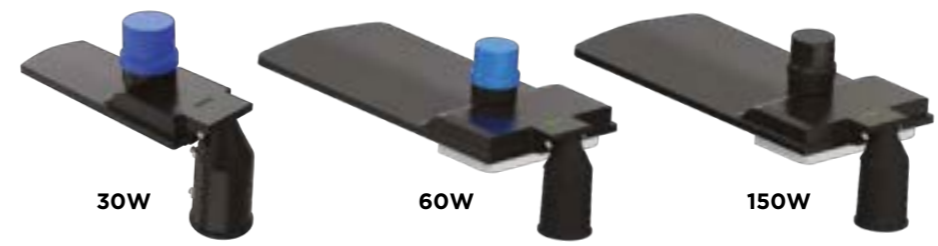
Nema Dayknight Plugin for Razor Streetlight
ML-RZR-NMA

84mm Pole Adaptor for Razr Streetlight
ML-RZR-ADP

10kV Surge Protection for Razr Streetlight
ML-RZR-SPD10

20kV Surge Protection for Razr Streetlight
ML-RZR-SPD20

TECHNICAL SPECIFICATIONS

Model No	Wattage	LEDs	Lumen	Driver	Kelvin	CRI	Beam Angle	Voltage	Power Factor	Surge Protection	Dimension (mm)		
											L	W	H
ML-RZR-30W-xx	30W	LITEON SMD5050	5250	SOSEN LED DRIVER	5000K	Ra70	Type II (70°x135°)	AC90-305V	>0.95	6kV/10kV/20kV	440	110	76
ML-RZR-60W-xx	60W	LITEON SMD5050	10500	SOSEN LED DRIVER	5000K	Ra70	Type II (70°x135°)	AC90-305V	>0.95	6kV/10kV/20kV	469	176	76
ML-RZR-120W-xx	120W	LITEON SMD5050	21000	SOSEN LED DRIVER	5000K	Ra70	Type II (70°x135°)	AC90-305V	>0.95	6kV/10kV/20kV	565	214	76
ML-RZR-150W-xx	150W	LITEON SMD5050	26250	SOSEN LED DRIVER	5000K	Ra70	Type II (70°x135°)	AC90-305V	>0.95	6kV/10kV/20kV	645	243	76

LED POST TOP

OPTIMUS

NEW

3000K 4000K 6500K
CCT
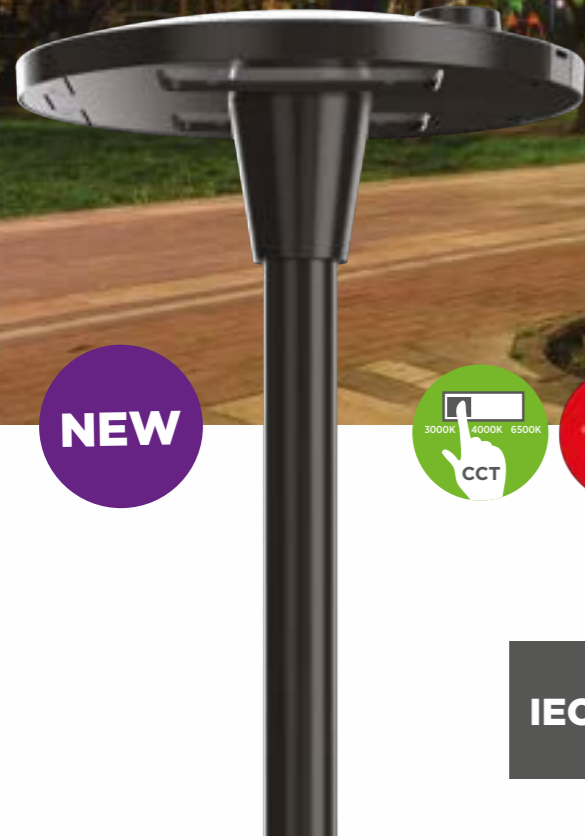
TYF **SMD 3030**	UP TO **172 LUMEN** PER WATT	**110°** **BEAM** ANGLE	**LEDs**
	KHM	**2kv SURGE** PROTECTION	**DRIVER**
ADC12 ALUMINIUM & TEMPERED GLASS	**STAINLESS STEEL** SCREWS & BOLTS	IK**08** IP**66**	**STRUCTURE**

IEC **EMC** CE **RoHS** **UL CA** **50 000** HOURS **5 YEAR** WARRANTY | **CERTIFICATE**

EXPLODED DIAGRAM

COMPATIBILITY MODE

NEMA Daylight Sensor

Surge Protection Device, 10kV

ML-OJ-M715-B

ML-ZYS-P10W

TECHNICAL SPECIFICATIONS

Model No	Wattage	LEDs	Lumen	Kelvin	CRI	Beam Angle	Driver	Voltage	Dimmable	Unified Glare Rating	Dimension D	H
ML-OPT-60W453525-CCT	60W	TYF SMD3030 @ 180lm/w TBS-E302F-0202B8	60W - 10,300 lm 45W - 7730 lm 35W - 6300 lm 25W - 4500 lm	CCT - 3000K / 4000K / 6500K	Ra70	110°	KHM	AC100-277V	Yes	< 32	460	193

LED **SOLAR** POST TOP

OASIS

NEW

LEDs
WW+DL SMD5730 RGB SMD5054 | **100 LUMEN** PER WATT | **360° BEAM** ANGLE

BATTERY
LITHIUM IRON PHOSPHATE | **REPLACEABLE BATTERY** | **20 000 CYCLES**

STRUCTURE
MONOCRYSTALLINE SILICON 4V/40W **Solar Board** | ALUMINIUM +PC (UV stabilized) | IK**07** / IP**66** | **78 mm** POLE DIAMETER

CERTIFICATE
MSDS APPROVED / **UN38.3** APPROVED | CE | ✓ RoHS | **35 000 HOURS**

C O L O U R   O P T I O N S

T E C H N I C A L   S P E C I F I C A T I O N S

Model No	Wattage	LEDs	Lumen	Kelvin	CRI	Beam Angle	Controller	Charging Time	Discharge Time	Battery Life	Dimmable	Unified Glare Rating	Dimension D	Dimension H
ML-OAS-26W-WRGB	26W	WW+DL SMD5730 RGB SMD5054	2600	CCT - 3700 37500K + RGB	Ra80	360°	IR Remote + iOs or Android Bluetooth App Control	5-6 Hrs	Up to 14 Hrs	2000 Cycles	Yes	< 22	580	248

LED **SOLAR** FLOODLIGHT

HYDRA

NEW

LEDs	SMD 5054	UP TO **20** LUMEN PER WATT	CRI **70**	BEAM ANGLE	6500K
SOLAR PANEL	MONOCRYSTALLINE SILICON		6-8 HOURS CHARGING	DISCHARGE **>12** HOURS	
BATTERY	LiFePO4 32650	**3.2V**	**1500** CYCLES	**1.2m** DROP TEST	
STRUCTURE	ADC12	IK**07** / IP**67**	**3M** CABLE		
CERTIFICATE	MSDS APPROVED / UN38.3 APPROVED	**35 000** HOURS			

TECHNICAL SPECIFICATIONS

		ML-HYD-50W-65K-SR	ML-HYD-100W-65K-SR	ML-HYD-150W-65K-SEN	ML-HYD-200W-65K-SEN	ML-HYD-300W-65K-SEN
Floodlight	**Model No.**	ML-HYD-50W-65K-SR	ML-HYD-100W-65K-SR	ML-HYD-150W-65K-SEN	ML-HYD-200W-65K-SEN	ML-HYD-300W-65K-SEN
	LEDs Type	SMD5054	SMD5054	SMD5054	SMD5054	SMD5054
	LEDs Factory	Shengtai Optronics	Shengtai Optronics	Shengtai Optronics	Shengtai Optronics	Shengtai Optronics
	LEDs Qty	64pcs	100pcs	156pcs	210pcs	380pcs
	Watt	50W	100W	150W	200W	300W
	Power Consumption	6.5W	11.5W	17.5W	23W	32W
	Initial Lumen	1000lm310%	1800lm310%	2600lm310%	3600lm310%	5500lm310%
	CCT	6000-7000K	6000-7000K	6000-7000K	6000-7000K	6000-7000K
	CRI	Ra70	Ra70	Ra70	Ra70	Ra70
	BA	90°	90°	90°	90°	90°
	SDCM	≤6	≤6	≤6	≤6	≤6
	Material of housing	ADC12	ADC12	ADC12	ADC12	ADC12
	Production Craft	Die-casting	Die-casting	Die-casting	Die-casting	Die-casting
	Material of diffuser	PC	PC	PC	PC	PC
	Light Dimension	185 x 163 x 50mm⁺⁻5mm	237 x 204 x 55mm ±5mm	290 x 250 x 42mm ±5mm	330 x 294 x 55mm ±5mm	407 x 376 x 55mm ±5mm
Battery	**Type**	LiFePO4 32700	LiFePO4 32700	LiFePO4 32700	LiFePO4 32700	LiFePO4 32700
	Capacity	6Ah	10Ah	15Ah	20Ah	25Ah
	Current	3A	5A	7A	10A	10A
	Voltage	3.2V	3.2V	3.2V	3.2V	3.2V
	Cycle Life	1500times	1500times	1500times	1500times	1500times
	Transport by SEA	Yes	Yes	Yes	Yes	Yes
	MSDS	Yes	Yes	Yes	Yes	Yes
	UN38.3	Yes	Yes	Yes	Yes	Yes
	1.2M Drop Test	Yes	Yes	Yes	Yes	Yes

TECHNICAL SPECIFICATIONS

		ML-HYD-50W-65K-SR	ML-HYD-100W-65K-SR	ML-HYD-150W-65K-SEN	ML-HYD-200W-65K-SEN	ML-HYD-300W-65K-SEN
Solar Board Mono-Si	**Model No.**	ML-HYD-50W-65K-SR	ML-HYD-100W-65K-SR	ML-HYD-150W-65K-SEN	ML-HYD-200W-65K-SEN	ML-HYD-300W-65K-SEN
	Type	Monocrystalline Silicon	Monocrystalline Silicon	Monocrystalline Silicon	Monocrystalline Silicon	Monocrystalline Silicon
	Power Max.	8W	12W	15W	20W	25W
	Voltage Max.	6V	6V	6V	6V	5V
	Current Max.	1.01A	2A	2.5A	3.34A	5A
	Open-circuit Voltage	7.2V	7.2V	7.2V	7.2V	7.2V
	Short-circuit Current	1.3A	2.6A	3.25A	4.35A	6A
	System Voltage Max.	6V	6V	6V	6V	6V
	Dimension	350 x 235 x 15mm	350 x 235 x 15mm	290 x 350 x1 6mm	350 x 350 x 16mm	350 x 450 x 16mm
Other Information	**Charge**	6-8hrs	6-8hrs	6-8hrs	6-8hrs	6-8hrs
	Discharge	12+hrs	12+hrs	12+hrs	12+hrs	12+hrs
	Cable Length	3M	3M	3M	3M	3M
	Cable Capacity	H05	H05	H05	H05	H05
	Cable Skin	PVC	PVC	PVC	PVC	PVC
	Wire Diameter	2 x 0.5mm²	2 x 0.5mm²	2 x 0.75mm²	2 x 0.75mm²	2 x 1.0mm²
	IP Rating	IP67	IP67	IP67	IP67	IP67
	IK Rating	IK06	IK06	IK06	IK06	IK06
	Charging Temp.	0˚C – 60˚C	0˚C – 60˚C	0˚C – 60˚C	0˚C – 60˚C	0˚C – 60˚C
	Discharge Temp.	-20˚C – 60˚C	-20˚C – 60˚C	-20˚C – 60˚C	-20˚C – 60˚C	-20˚C – 60˚C
	Storage Temp.	-20˚C – 60˚C	-20˚C – 60˚C	-20˚C – 60˚C	-20˚C – 60˚C	-20˚C – 60˚C

NEW

LED SOLAR STREETLIGHT

VIPER G2

DURATION

Brightness	100%	70%	50%	30%	20%
Duration Time	Hour 1	Hour 2-4	Hour 5-6	Hour 7-10	Hour 12
Total Duration Time	12 Hours				

TECHNICAL SPECS

Model No	ML-VPG2-300W-DL-SEN
Wattage	300W
Power Consumption	15.5W
LEDs	SMD2835
Lumen	2500
Kelvin	6500K 7000K
CRI	Ra80
Solar Panel Type	Monocrystalline Silicon
Sensor	1) Option to select Microwave Motion Sensor - 2500 lm for 45 seconds - thereafter idols at 1800 lm. 2) Day / Night Sensor in Solar Panel
Wattage	30W/5W
Adjustable Bracket	Yes
Battery Type	LiFePO4 32700
Battery Capacity	30Ah/3.2V
Cycle Charging	3000 Times
Duration Time	12 Hours
Working Mode	Battery Indicator + Time Control + Light
Beam Angle	70° x 140°
Remote Controller	Infra Red
Dimmable	Yes, Preset on Remote
Cable	5 metre @ 2 x 1.5mm
Working Temperature	0°C -+ 50°C
Dimension	570mm x 240mm x 50mm

LEDs
SMD 2835 | CRI 80 | 140° BEAM ANGLE

BATTERY
LiFePO4 32700 | 4-8 HOURS CHARGING | MAX. 12 HOURS DURATION

STRUCTURE
DIE-CASTING ALUMINIUM | MONO CRYSTAL LINE SILICON | IK08 | IP65 | 2M CABLE

CERTIFICATE
MSDS APPROVED | UN38.3 APPROVED | CE | RoHS | 2 YEAR WARRANTY

LED DOWNLIGHT
META

BACKLIT TECHNOLOGY

UP TO **100** LUMEN PER WATT

CRI **80**

110° BEAM ANGLE

TM**21**

LM**80**

LEDs

PF **0.5 0.9**

170-264 VAC

1kv SURGE PROTECTION

NON DIMMABLE

DRIVER

White/Black **Surface Mounted Kit Easy Installation**

IP**40**

STRUCTURE

IES AVAILABLE

35 000 HOURS

2 YEAR WARRANTY

CE

RoHS

EMC

CERTIFICATE

INSTALLATION OPTIONS

Surface Mounted Kit:　　　　　　　　　　　　　　　White or Black

Round:

+ =

Square:

+ =

COLOUR CHANGING VIA WALL SWITCH

Available for Round Series: 9W & 15W only

Model No.
ML-MT-R100-9W-WCCT / DCCT
= Same technical specifications as R: ML-MT-R100-9W-xx

ML-MT-R100-15W-WCCT / DCCT
= Same technical specifications as R: ML-MT-R150-15W-xx

ML-MT-R200-24W-WCCT / DCCT
= Same technical specifications as R: ML-MT-R150-24W-xx

NEW

30K | WW
40K | NW
65K | DL
Memory

6500K　4000K　3000K

TECHNICAL SPECIFICATIONS

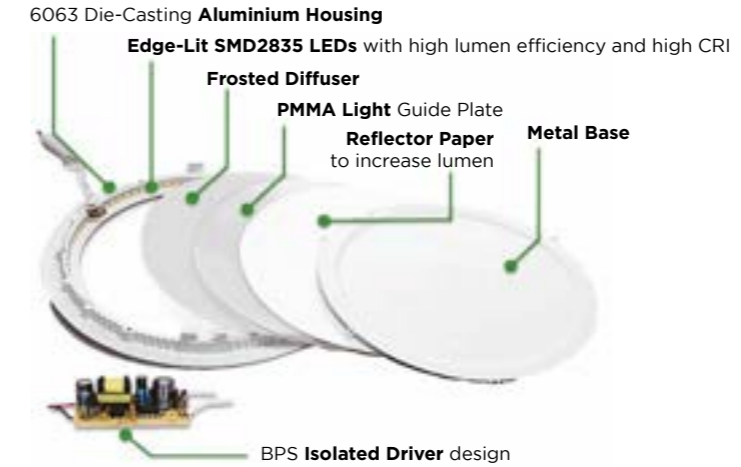| Model No.	LEDs	Watt-age	Lumen	Kelvin	CRI	Beam Angle	Voltage	Dim-mable	Surge Protec-tion	Cutout (mm)	Dimension (mm)	
											W/L/D	H
R: ML-MT-R75-6W-xx S: ML-MT-S75-6W-xx		6W	400	3000K 4000K 6500K	Ra80	110°	AC170-264V	No	1kV	R: Ø75 S: 75x75	R: 95 S: 105X105	30
R: ML-MT-R100-9W-xx S: ML-MT-S100-9W-xx		9W	720	3000K 4000K 6500K	Ra80	110°	AC170-264V	No	1kV	R: Ø105 S: 105x105	R: 125 S: 125X125	30
R: ML-MT-R150-15W-xx S: ML-MT-S150-15W-xx		15W	1400	3000K 4000K 6500K	Ra80	110°	AC170-264V	No	1kV	R: Ø150 S: 150x150	R: 175 S: 175X175	30
R: ML-MT-R200-24W-xx S: ML-MT-S200-24W-xx		24W	2300	3000K 4000K 6500K	Ra80	110°	AC170-264V	No	1kV	R: Ø200 S: 200x200	R: 225 S: 225X225	30
R: ML-MT-R150-SM-xx S: ML-MT-S150-SM-xx	R: Matt Black or White Surface Mount Kit for 15W Meta Round S: Matt Black or White Surface Mount Kit for 15W Meta Square											
R: ML-MT-R200-SM-xx S: ML-MT-S200-SM-xx	R: Matt Black or White Surface Mount Kit for 24W Meta Round S: Matt Black or White Surface Mount Kit for 24W Meta Square											

R = Round Series   S = Square Series

EXPLODED DIAGRAM

6063 Die-Casting **Aluminium Housing**

Edge-Lit SMD2835 LEDs with high lumen efficiency and high CRI

Frosted Diffuser

PMMA Light Guide Plate

Reflector Paper to increase lumen

Metal Base

BPS **Isolated Driver** design

LED DOWNLIGHT

SLIM/ SURFACE PANEL

SMD 2835	**80 LUMEN** PER WATT	CRI **80**	↑ **120°** BEAM ANGLE	LEDs
ISOLATED DRIVER	PF **0.9**	⚡ **100-277** VAC	**1.5kv SURGE** PROTECTION	DRIVER
	6063 ALUMINIUM HOUSING	PMMA **LGP**	🏠	STRUCTURE
IES AVAILABLE	**35 000** HOURS	**2 YEAR** WARRANTY	CE	RoHS ✓	CERTIFICATE

TECHNICAL SPECIFICATIONS

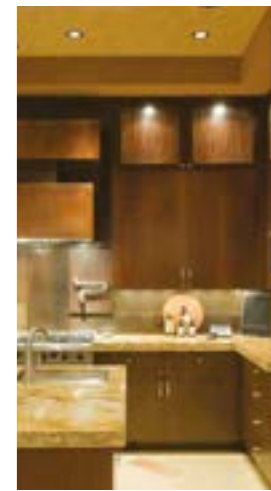| Model No.	Watt-age	Lu-men	Kelvin	CRI	Beam Angle	Voltage	Dimma-ble	Surge Protec-tion	Power Factor	Shape	Cutout (mm)	CFL Re-place-ment	Dimension (mm) L/W	Dimension (mm) H
RM: ML-CL-6W-R-xx SM: ML-SM-6W-R-xx	6W	400	3000K 4000K 6500K	Ra80	120°	AC100-277V	Available	1.5kV	0.9	Round	Ø110	13W	RM: N/A SM: Ø120	RM: N/A SM: 40
RM: ML-CL-6W-S-xx SM: ML-SM-6W-S-xx	6W	400	3000K 4000K 6500K	Ra80	120°	AC100-277V	Available	1.5kV	0.9	Square	110x110	13W	RM: N/A SM: 120x120	RM: N/A SM: 40
RM: ML-CL-12W-R-xx SM: ML-SM-12W-R-xx	12W	960	3000K 4000K 6500K	Ra80	120°	AC100-277V	Available	1.5kV	0.9	Round	Ø160	22W	RM: N/A SM: Ø172	RM: N/A SM: 40
RM: ML-CL-12W-S-xx SM: ML-SM-12W-S-xx	12W	960	3000K 4000K 6500K	Ra80	120°	AC100-277V	Available	1.5kV	0.9	Square	160x160	22W	RM: N/A SM: 172x172	RM: N/A SM: 40
RM: ML-CL-18W-R-xx SM: ML-SM-18W-R-xx	18W	1550	3000K 4000K 6500K	Ra80	120°	AC100-277V	Available	1.5kV	0.9	Round	Ø210	36W	RM: N/A SM: Ø225	RM: N/A SM: 40
RM: ML-CL-18W-S-xx SM: ML-SM-18W-S-xx	18W	1550	3000K 4000K 6500K	Ra80	120°	AC100-277V	Available	1.5kV	0.9	Square	210x210	36W	RM: N/A SM: 225x225	RM: N/A SM: 40
RM: ML-CL-24W-R-xx SM: ML-SM-24W-R-xx	24W	2100	3000K 4000K 6500K	Ra80	120°	AC100-277V	Available	1.5kV	0.9	Round	Ø280	42W	RM: N/A SM: Ø300	RM: N/A SM: 40
RM: ML-CL-24W-S-xx SM: ML-SM-24W-S-xx	24W	2100	3000K 4000K 6500K	Ra80	120°	AC100-277V	Available	1.5kV	0.9	Square	280x280	42W	RM: N/A SM: 300x300	RM: N/A SM: 40

RM = Recessed Mount   SM = Surface Mount

LED DOWNLIGHT
HALO G2

LEDs
- SMD 2835
- UP TO 100 LUMEN PER WATT
- CRI 83
- 110° BEAM ANGLE
- TM21
- LM80

DRIVER
- PF >0.9
- 180-265 VAC
- 1.5kv SURGE PROTECTION

STRUCTURE
- 3in1 COLOURS LAMP
- CCT ADJUSTABLE (WW CW DL)
- Black/Silver/Nickel Brushed Interchangeable Trim
- IP54

CERTIFICATE
- IES AVAILABLE
- 25 000 HOURS
- 3 YEAR WARRANTY
- CE
- RoHS
- SAA
- ErP

BEST SELLER

INTERCHANGEABLE TRIM OPTIONS

Matt Black   **Silver**   **Nickel Brushed**

TECHNICAL SPECIFICATIONS

Model No.	Wattage	Lumen	Kelvin	CRI	Beam Angle	Voltage	Dimmable	Surge Protection	Power Factor	Cutout (mm)	Dimension (mm) D	H
ML-HG2-10W-CCT-D	10W	900-1000	3000K 4000K 5700K	Ra83	110°	AC180-265V	Yes	1.5kV	0.9	Ø90-95	106	40
ML-HG2-TR-BK	Matt Black Trim for Halo G2											
ML-HG2-TR-SG	Silver Trim for Halo G2											
ML-HG2-TR-NK	Nickel Brushed Trim for Halo G2											

LED ANTI-GLARE DOWNLIGHT

HORIZON

SAMSUNG SMD 2835	**90** LUMEN PER WATT	CRI **80**	90° BEAM ANGLE	TM**21** / LM**80**	LEDs
	DOB DESIGN	PF 0.5 0.9	180-277 VAC	500V SURGE PROTECTION	DRIVER
		UGR <22 GLARE FREE	ALUMINIUM HOUSING	IP**40**	STRUCTURE
IES AVAILABLE	35 000 HOURS	2/3 YEAR WARRANTY	CE	RoHS	IEC 60598 / SASSO / CB	CERTIFICATE

WATTAGE OPTIONS

| 8W | 13W | 22W | 32W & 42W |

TECHNICAL SPECIFICATIONS

Model No.	LEDs	Wattage	Lumen	Kelvin	CRI	Beam Angle	Voltage	Dimmable	Surge Protection	Cutout (mm)	Dimension (mm) D	Dimension (mm) H
ML-HR-8W-xx	SAMSUNG	8W	700	3000K 4500K 6500K	Ra80	90°	AC180-277V	No	0.5kV	Ø65-80	87	50
ML-HR-13W-xx	SAMSUNG	13W	1100	3000K 4500K 6500K	Ra80	90°	AC180-277V	No	0.5kV	Ø100 - 110	120	50
ML-HR-22W-xx	SAMSUNG	22W	2000	3000K 4500K 6500K	Ra80	90°	AC180-277V	No	0.5kV	Ø150 - 165	172	70
ML-HR-32W-xx	SAMSUNG	32W	2900	3000K 4500K 6500K	Ra80	90°	AC180-277V	No	0.5kV	Ø200 - 220	230	95
ML-HR-42W-xx	SAMSUNG	42W	3800	3000K 4500K 6500K	Ra80	90°	AC180-277V	No	0.5kV	Ø200 - 220	230	95

LED ANTI-GLARE DOWNLIGHT

HORIZON CCT

Reflector

WATTAGE OPTIONS

13W　　　**18W**　　　**25W**　　　**35W**
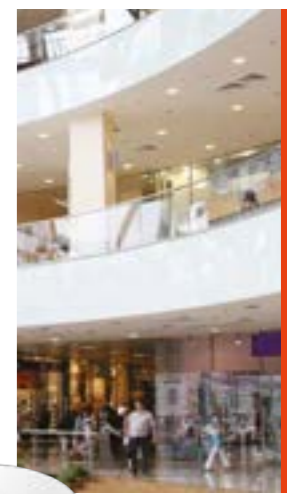
SMD 2835	UP TO 100 LUMEN PER WATT	CRI 85	60° BEAM ANGLE	TM21	LEDs
				LM80	
FLICKER FREE	PF >0.9	180-277 VAC	1-2kV SURGE PROTECTION	NON DIMMABLE	DRIVER
	BACKLIT TECHNOLOGY	UGR <19 GLARE FREE	AL1060 ALUMINIUM HOUSING	IP40	STRUCTURE
IES AVAILABLE	50 000 HOURS	5 YEAR WARRANTY	CE	RoHS	SAA	CERTIFICATE

WW　CW　DL

TECHNICAL SPECIFICATIONS

Model No.	Watt-age	Lumen	Kelvin (3-in-1)	CRI	Power Factor	Beam Angle	Voltage	Dim-mable	Surge Protec-tion	Cutout (mm)	Dimension (mm)	
											D	H
ML-HRC-13W-CCT-D	13W	1200	3000K 4000K 5700K	Ra85	0.9	60°	AC180-277V	Yes	1kV	Ø90 - 95	115	67
ML-HRC-18W-CCT	18W	1500	3000K 4000K 5700K	Ra85	0.9	60°	AC180-277V	Availa-ble	1kV	Ø120 - 130	145	73
ML-HRC-25W-CCT	25W	2650	3000K 4000K 5700K	Ra85	0.9	60°	AC180-277V	Availa-ble	2kV	Ø140 - 150	170	85
ML-HRC-30W-CCT	30W	3150	3000K 4000K 5700K	Ra85	0.9	60°	AC180-277V	Availa-ble	2kV	Ø160 - 170	190	90
ML-HRC-35W-CCT	35W	3600	3000K 4000K 5700K	Ra85	0.9	60°	AC180-277V	Availa-ble	2kV	Ø200 - 210	235	100

LED ANTI-GLARE DOWNLIGHT

TITAN

bridgelux	**120 LUMEN** PER WATT	**CRI 90**	**60° BEAM** ANGLE / TM**21** LM**80**	**LEDs**
FLICKER FREE	**PHILIPS DRIVER**	**180-277** VAC / ⚡ **1kV SURGE** PROTECTION	**EMC** PASSED	**DRIVER**
		ANTI-GLARE DESIGN	**ALUMINIUM** HOUSING / IP**20**	**STRUCTURE**
50 000 HOURS	**5 YEAR** WARRANTY	CE	RoHS	**IEC** 60598	**CERTIFICATE**

TECHNICAL SPECIFICATIONS

Model No.	Watt-age	LEDs	Lumen	Kelvin	CRI	Power Factor	Driver	Beam Angle	Voltage	Dim-mable	Surge Protec-tion	Cutout (mm)	Dimension (mm)	
													D	H
ML-TN-10W-xx	10W	bridgelux	1200	3000K 4000K	Ra90	0.95	PHILIPS	60°	AC180-277V	Availa-ble	1kV	Ø90 - 95	100	90
ML-TN-15W-xx	15W	bridgelux	1800	3000K 4000K	Ra90	0.95	PHILIPS	60°	AC180-277V	Availa-ble	1kV	Ø115 - 120	130	95
ML-TN-20W-xx	20W	bridgelux	2400	3000K 4000K	Ra90	0.95	PHILIPS	60°	AC180-277V	Availa-ble	1kV	Ø140 - 150	160	110
ML-TN-30W-xx	30W	bridgelux	3600	3000K 4000K	Ra90	0.95	PHILIPS	60°	AC180-277V	Availa-ble	1kV	Ø175 - 185	190	130

LED CCT DOWNLIGHT

MIRA

LEDs

bridgelux.	**120** LUMEN PER WATT
CRI 85	48° **BEAM** ANGLE
TM**21**	LM**80**

DRIVER

FLICKER FREE	**LiFUd** DRIVER
180-277 VAC	**2kV SURGE** PROTECTION
EMC PASSED	

STRUCTURE

INTEGRATED DESIGN	**PURE ALUMINIUM** HOUSING
IP**20**	IK**07**

CERTIFICATE

50 000 HOURS	**5 YEAR** WARRANTY
CE	RoHS
IEC AVAILABLE	

TECHNICAL SPECIFICATIONS

Model No.	Watt-age	Lumen	Kelvin 3-in-1	CRI	Power Factor	Driver	Beam Angle	Voltage	Power Factor	Dim-mable	Surge Protec-tion	Colours	Dimension (mm) D	H
ML-MRA-15W-CCT-xx	15W	1770	3000K 4000K 6500K	Ra85	0.95	LiFUd	48°	AC180-277V	0.9	No	2kV	Black or White	110	120
ML-MRA-25W-CCT-xx	25W	3000	3000K 4000K 5700K	Ra85	0.95	LiFUd	48°	AC180-277V	0.9	No	2kV	Black or White	132	155
ML-MRA-30W-CCT-xx	30W	3540	3000K 4000K 5700K	Ra85	0.95	LiFUd	48°	AC180-277V	0.9	No	2kV	Black or White	170	192

LED LINEAR LIGHT

APEX G2 SEAMLESS

NEW

LEDs

CRI **80**

120° BEAM ANGLE

UP TO **135** LUMEN PER WATT

DRIVER

PWM IC BUILD IN DRIVER

2kV SURGE PROTECTION

STRUCTURE

POLYCARBONATE EXTERIOR HOUSING

ALUMINIUM HEAT SINK

IK**07**

IP**20**

CERTIFICATE

IEC

EMC

CE

CB

RoHS

SAA

ErP

50 000 HOURS

5 YEAR WARRANTY

SEAMLESS LINKABLE DESIGN
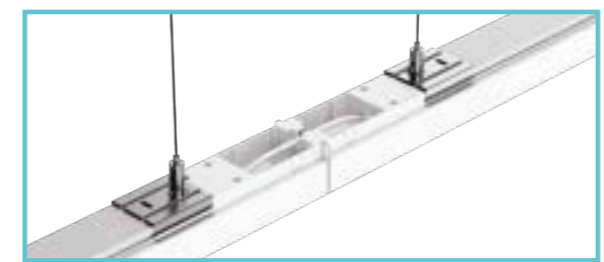
TECHNICAL SPECIFICATIONS

Model No	Watt-age	Lu-men	Kelvin	CRI	Power Factor	Driver	Beam Angle	Voltage	Dim-mable	Surge Protection	Dimension (mm)		
											L	W	H
ML-APG2-2FT-30W-4K	30W	4200	4000K	Ra80	0.95	PWM IC Build in Driver	120°	AC170-264V	No	L-N:2.5kV, L/N-PE: 2.5kV	600	50	35
ML-APG2-4FT-60W-4K	60W	8300	4000K	Ra80	0.95	PWM IC Build in Driver	120°	AC170-264V	No	L-N:2.5kV, L/N-PE: 2.5kV	1200	50	35
ML-APG2-5FT-75W-4K	75W	10000	4000K	Ra80	0.95	PWM IC Build in Driver	120°	AC170-264V	No	L-N:2.5kV, L/N-PE: 2.5kV	1500	50	35

LED TILTABLE 3 WIRE TRACK LINEAR LIGHT

SHADEY

NEW

AVAILABLE COLOURS

Black   White

Features

110° BEAM ANGLE	CRI 85	125 LUMEN PER WATT	LEDs
CONSTANT CURRENT IC DRIVER		2kV SURGE PROTECTION	DRIVER
ALUMINIUM HOUSING	POLYCARB LENSE	3 WIRE SYSTEM	IK07 / IP20	STRUCTURE
IEC	EMC	CE	RoHS	L70 35 000 HOURS	3 YEAR WARRANTY	CERTIFICATE
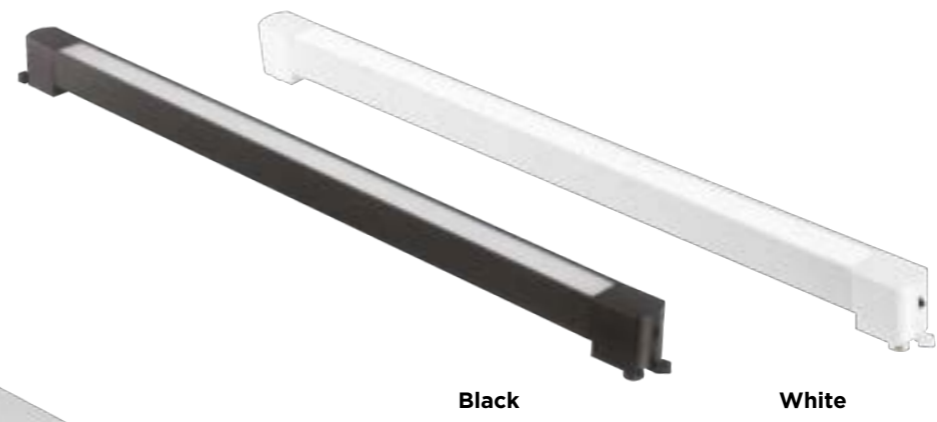
3000K 4000K 6000K CCT

TECHNICAL SPECIFICATIONS

Model No	LEDs	Wattage	Lumen	Kelvin	CRI	Power Factor	Driver	Track System	Beam Angle	Tiliting Angle	Voltage	Dimma-ble	Dimension (mm)		
													L	W	H
ML-SDY-20W-2FT-xx-CCT		20W	2580	3000K 4000K 6500K	Ra82	0.90	Constant Current IC Driver	3 Wire Track System	110°	45° on both X + and X - Axis	AC180-277V	No	690	35	50
ML-SDY-40W-4FT-xx-CCT		40W	5000	3000K 4000K 6500K	Ra82	0.90	Constant Current IC Driver	3 Wire Track System	110°	45° on both X + and X - Axis	AC180-277V	No	1290	35	50

LED 3 WIRE TRACK SPOT

NERO

- THE ICON -

	105 LUMEN PER WATT	**CRI 90**	**36°** BEAM ANGLE	**TM21** / **LM80**
TRIDONIC DRIVER	**ISOLATED DRIVER**	**EMC PASSED**	**170-265 VAC**	**3kV SURGE PROTECTION**
	INTERGRATED DESIGN	**PURE ALUMINIUM**	**IP20**	**IK07**
IES AVAILABLE	**50 000 HOURS**	**5 YEAR WARRANTY**	CE	RoHS ✓

LEDs / DRIVER / STRUCTURE / CERTIFICATE

SURFACE MOUNTED ACCESSORIES

ACCESSORIES

Available in Black or White

ML-NRO-2M-BL (3 Wire 2M Track Black with Power Feed and End Cap)	**ML-NRO-CON-I** (3 Wire Straight I Connector)	**ML-NRO-CON-4** (3 Wire 4 Way Connector)	**ML-NRO-CON-FL** (3 Wire Flexible Connector)	**ML-NRO-CON-EC** (3 Wire End Cap)
ML-NRO-CON-L (3 Wire L Connector)	**ML-NRO-CON-MAF** (3 Wire Multi Angle Feeder)	**ML-NRO-CON-PF** (3 Wire Power Feed)	**ML-NRO-CON-T** (3 Wire T Connector)	**ML-NRO-MSF** (3 Wire Mini Straight Feeder)

TECHNICAL SPECIFICATIONS

	Model No.	Wattage	LEDs	Lumen	Kelvin	CRI	Power Factor	Beam Angle	Voltage	Driver	Dimmable	Surge Protection	Colours	Dimension (mm) D	Dimension (mm) H
NEW	ML-NRO-15W-CCT	15W		1600	3000K 4000K 6000K	Ra90	0.90	24°	AC170-265V	TRIDONIC	No	3kV	White or Black	85	175
	ML-NRO-35W-xx	35W		3600	3000K 4000K	Ra90	0.95	36°	AC170-265V	TRIDONIC	No	3kV	White or Black	85	175
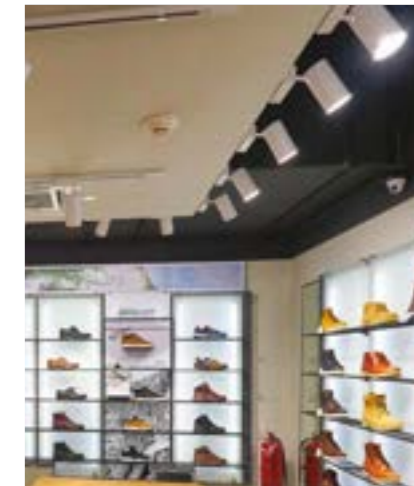
LED ROTARY SHOPLIGHT

WALLWASHER CCT

65°

LEDs
- **SMD 2835**
- **100 LUMEN** PER WATT
- **CRI 85**
- **120° BEAM ANGLE**
- **TM21**
- **LM80**

DRIVER
- **ISOLATED DRIVER**
- **EMC PASSED**
- **180-277 VAC**
- **1.5kV SURGE PROTECTION**

STRUCTURE
- **PCB HOUSING**
- **IP20**

CERTIFICATE
- **40 000 HOURS**
- **3 YEAR WARRANTY**
- CE
- RoHS

3-IN-1 COLOUR SWITCH
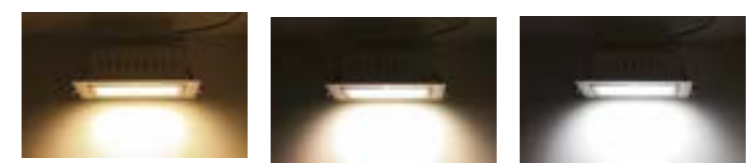
WW   CW   DL

TECHNICAL SPECIFICATIONS

Model No.	Watt-age	Lumen	Kelvin (3-in-1)	CRI	Power Factor	Beam Angle	Voltage	Driver	Dim-mable	Surge Protec-tion	Cutout (mm)	Dimension (mm)		
												L	W	H
ML-RS-40W-CCT	40W	4000	3000k 4000K 6500K	Ra82	0.95	120°	AC180-277V	Isolated Driver	No	1.5kV	225x130	246	156	115
ML-RS-60W-CCT	60W	6000	3000k 4000K 6500K	Ra82	0.95	120°	AC180-277V	Isolated Driver	No	1.5kV	225x130	246	156	115
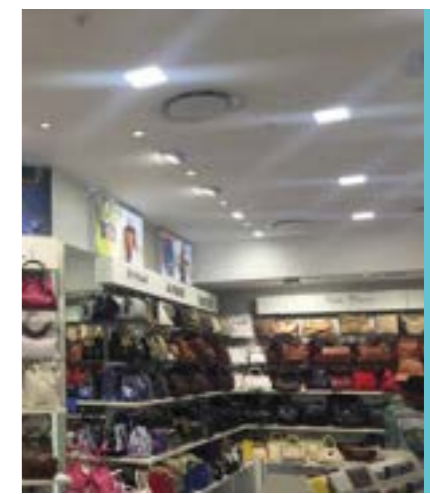
Specifications Icons

SMD 2835	UP TO **118 LUMEN** PER WATT	CRI **84**	**110°** BEAM ANGLE	TM**21** / LM**80** (LEDs)
(Flicker Free)	BUILT-IN NON-ISOLATED DRIVER	EMC PASSED	170-264 VAC	PF **>0.95** (DRIVER)
CLASS 1		BACKLIT TECHNOLOGY	IP**40**	(STRUCTURE)
IES AVAILABLE	**50 000** HOURS	**3/5 YEAR** WARRANTY	CE	RoHS (CERTIFICATE)

BACKLIT TECHNOLOGY

LED PANEL LIGHT

MANTRA

PRODUCT DETAILS

Pre-installed **Suspending Kit**

Pre-installed **Easy Connector**

Improved Cable 3x0.75mm²

Built-in Driver Not DOB

SURFACE MOUNT KIT AVAILABLE

600 x 600mm

600 x 1200mm
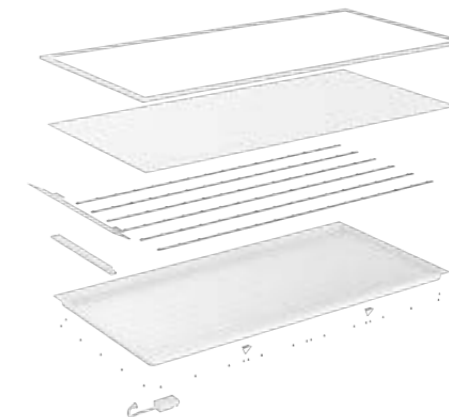
TECHNICAL SPECIFICATIONS

Model No.	Watt-age	LEDs	Lumen	Kelvin	CRI	Power Factor	Beam Angle	Voltage	Dim-mable	Surge Protec-tion	Dimension (mm)		
											L	W	H
ML-MTR-40W-6x6-xx	40W		4150	4000K 6500K	Ra84	0.95	110°	AC170-264V	No	1.5kV	595	595	35
ML-MTR-72W-12x6-xx	72W		8300	4000K 6500K	Ra84	0.95	110°	AC170-264V	No	1.5kV	1195	595	35
ML-MTR-40W-12x3-xx	40W		4100	4000K 6500K	Ra84	0.95	110°	AC170-264V	No	1.5kV	1195	295	35

LED TROFFER LUMINAIRE

STELLAR G2

LUMILEDS SMD 2835	SAMSUNG SMD 4014	100 LUMEN PER WATT	CRI 90	↑60/110° BEAM ANGLE	TM21	LEDs
					LM80	
TRIDONIC MATCHED	FLICKER FREE	ISOLATED DRIVER		⚡ 180-277 VAC	PF 0.9	DRIVER
				UGR <16	PMMA LGP	STRUCTURE
IES AVAILABLE	50 000 HOURS	5 YEAR WARRANTY	CE	✔ RoHS	ErP	CERTIFICATE

CALCULUS ANTI-GLARE TECHNOLOGY
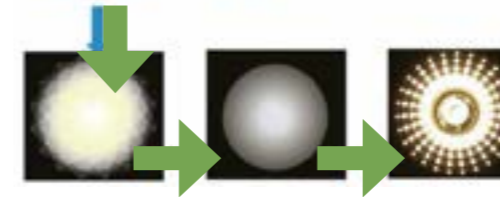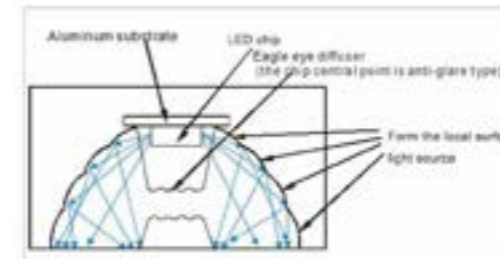
TECHNICAL SPECIFICATIONS

Model No.	PANEL		GRILLE		Lumen	Kelvin	CRI	Power Factor	Beam Angle	Voltage	Dimmable	Surge Protection	Dimension (mm)		
	Wattage	LEDs	Wattage	LEDs									L	W	H
ML-TP660-33W-xx	33W	SAMSUNG SMD4014	9W	LUMILEDS SMD2835	3465	3000K 4000K 5000K	Ra90	0.95	60° x 110°	AC180-277V	Available	1.5kV	595	595	50
ML-TP312-27W-xx	27W	SAMSUNG SMD4014	11W	LUMILEDS SMD2835	2800	3000K 4000K 5000K	Ra90	0.95	60° x 110°	AC180-277V	Available	1.5kV	1195	295	50

NEW

LED LINEAR LIGHT

VERTEX CCT

LEDs

国星光电 NATIONSTAR
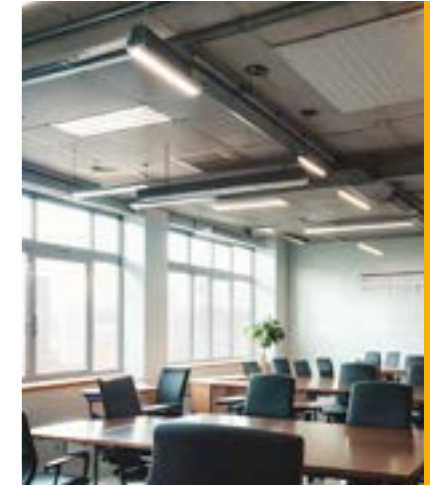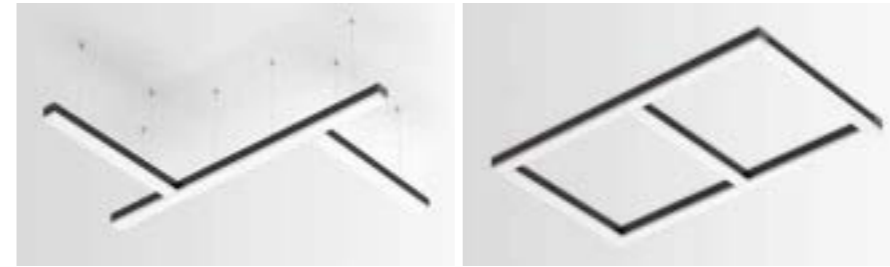
CRI 80

120° BEAM ANGLE

UGR <22

UP TO 110 LUMEN PER WATT

DRIVER

MESMERIZE LIGHTING CONSTANT CURRENT DRIVER

2kV SURGE PROTECTION

STRUCTURE

POLYCARBONATE DIFFUSER

ALUMINIUM HEAT SINK

IP20

CERTIFICATE

IEC

EMC

CE

CB

✓ RoHS

SAA

ErP

50 000 HOURS

5 YEAR WARRANTY

TECHNICAL SPECIFICATIONS

Model No	Watt-age	Lu-men	Kelvin	CRI	Power Factor	Driver	Beam Angle	Voltage	Dim-ma-ble	Surge Protection	Dimension (mm)		
											L	W	H
ML-VTX-2FT-30W-CCT	30W	3300	3000K 4000K 6500K	Ra80	0.95	Mesmerize Constant Current Driver	120°	AC170-264V	No	L-N:2kV, L/N-PE: 2kV	600	50	50
ML-VTX-4FT-60W-CCT	60W	6500	3000K 4000K 6500K	Ra80	0.95	Mesmerize Constant Current Driver	120°	AC170-264V	No	L-N:2kV, L/N-PE: 2kV	1200	50	50

LED DAMP PROOF LIGHT

INFINITY

LEDs
- bridgelux SMD 2835
- UP TO 120 LUMEN PER WATT
- CRI 86
- 120° BEAM ANGLE
- TM21
- LM80

DRIVER
- 1kV SURGE PROTECTION
- ISOLATED DESIGN
- EMC PASSED
- 180-277 VAC
- PF 0.95

STRUCTURE
- IP66
- IK08
- LINKABLE

CERTIFICATE
- IES AVAILABLE
- 50 000 HOURS
- 5 YEAR WARRANTY
- CE
- RoHS
- EMC
- ErP
- IEC 60598
- CISPR 15
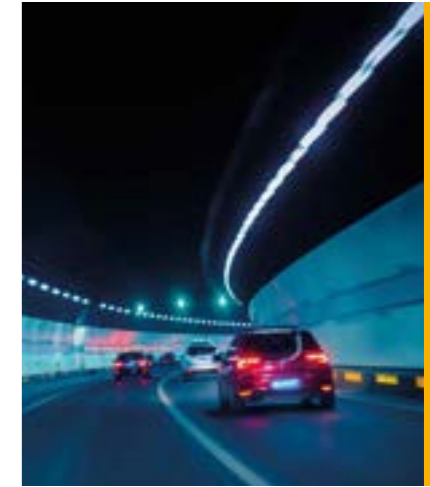
TECHNICAL SPECIFICATIONS

Model No.	Watt-age	LEDs	Lumen	Kelvin	CRI	Power Factor	Beam Angle	Voltage	Linkable	IP Rating	Operating Temp	Surge Pro-tection	Dimension (mm)		
													L	W	H
ML-DPIF-2FT-20W-xx-S	20W	bridgelux	2400	4000K 6500K	Ra86	0.95	120°	AC180-277V	Yes <40pcs	IP66	-20°C - +40°C	1kV	650	63.7	63.7
ML-DPIF-4FT-32W-xx-S	32W	bridgelux	4800	4000K 6500K	Ra86	0.95	120°	AC180-277V	Yes <20pcs	IP66	-20°C - +40°C	1kV	1250	63.7	63.7
ML-DPIF-5FT-50W-xx-S	50W	bridgelux	6000	4000K 6500K	Ra86	0.95	120°	AC180-277V	Yes <16pcs	IP66	-20°C - +40°C	1kV	1550	63.7	63.7

NEW

LED DAMP PROOF LIGHT

MORPHEUS

NEW

LEDs	SMD 2835 bridgelux	UP TO 150 LUMEN PER WATT	CRI 84	110° BEAM ANGLE	3 in 1 CCT LAMP 40K+50K+65K	TM 21 / LM 80
DRIVER	EMC / 198-264 VAC		PF 0.90	2.5kV SURGE PROTECTION	FLICKER FREE	
STRUCTURE	2-STEPS POWER	IP66	IK08	LINKABLE		6 KNOCK-OUT HOLES
CERTIFICATE	IEC 60598-1&2	CE	RoHS	ErP	60 000 HOURS	5 YEAR WARRANTY / IES AVAILABLE

LENGTH OPTIONS

2ft
4ft
5ft
6ft

TECHNICAL SPECIFICATIONS

Model no.	ML-DPMP-2FT-0918W-CCT-S	ML-DPMP-4FT-2040W-CCT-S	ML-DPMP-5FT-3060W-CCT-S	ML-DPMP-6FT-3570W-CCT-S
Length	2FT|600mm	4FT|1200mm	5FT|1500mm	6FT|1800mm
Watts (Selectable)	9W+18W	20W+40W	30W+60W	35W+70W
LEDs	bridgelux SMD2835 54+54pcs	bridgelux SMD2835 100+100pcs	bridgelux SMD2835 150+150pcs	bridgelux SMD2835 180+180pcs
Efficiency	150lm/w	150lm/w	150lm/w	150lm/w
Class in ErP2.0	Class D	Class D	Class D	Class D
Lumen	1350lm-2700lm	3000lm-6000lm	4500lm-9000lm	5250lm-10500lm
CCT (Dip Switch)	40K+50K+65K	40K+50K+65K	40K+50K+65K	40K+50K+65K
CRI	Ra84	Ra84	Ra84	Ra84
BA	110°	110°	110°	110°
Voltage	198-264Vac	198-264Vac	198-264Vac	198-264Vac
PF	≥0.7	≥0.9	≥0.9	≥0.9
DF	≥0.7	≥0.9	≥0.9	≥0.9
Surge	L-N: 1kV L/N-E: 2kV	L-N: 1kV L/N-E: 2kV	L-N: 1kV L/N-E: 2kV	L-N: 1kV L/N-E: 2kV
Linkable (≤400W)	Yes, ≤22pcs	Yes, ≤10pcs	Yes, ≤6pcs	Yes, ≤5pcs
UGR	UGR≤22	UGR≤22	UGR≤22	UGR≤22
Safety Class	Class I	Class I	Class I	Class I
Dimension	585 x 91 x 76mm	1185 x 91 x 76mm	1485 x 91 x 76mm	1785 x 91 x 76mm

LED DAMP PROOF LIGHT

VAPORIZE

NEW

2ft

4ft

5ft
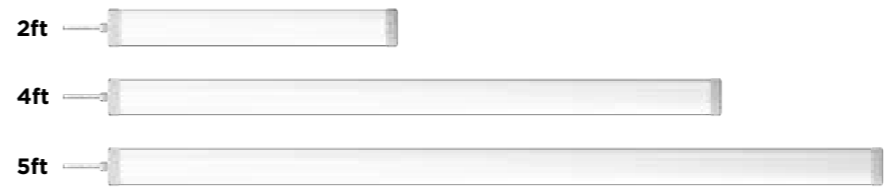
LEDs

| REFOND SMD 2835 | UP TO 116 LUMEN PER WATT | CRI 84 | 120° BEAM ANGLE | TM21 LM80 |

DRIVER

| 3-PHASE DOB | 170-274 VAC | PF 0.95 | 2.5kV SURGE PROTECTION |

STRUCTURE

| 1-PIECE HOUSING | IP66 | IK06 | SURFACE OR SUSPENDING | 304 SS BRACKET |

CERTIFICATE

| IEC 60598 -1&2 | CE | RoHS | EMC | 35 000 HOURS | 2 YEAR WARRANTY | IES AVAILABLE |

T E C H N I C A L   S P E C I F I C A T I O N S

Model No.	Wattage	Lumen	Kelvin	CRI	Power Factor	Driver	Beam Angle	Voltage	Dimmable	Surge Protection	Colours	Dimension (mm)		
												L	W	H
ML-DPVP-2FT-20W-xx	20W	2000	5700K	Ra84	0.95	3 Phase DOB LED Driver	120°	AC170-264V	No	2.5kV	White	241	68	38
ML-DPVP-4FT-40W-xx	40W	4450	4000K 5700K	Ra84	0.95	3 Phase DOB LED Driver	120°	AC170-264V	No	2.5kV	White	1152	68	38
ML-DPVP-5FT-50W-xx	50W	5800	4000K 5700K	Ra84	0.95	3 Phase DOB LED Driver	120°	AC170-264V	No	2.5kV	White	1452	68	38

SMD 2835

90 LUMEN PER WATT

CRI 80

120° BEAM ANGLE

PF 0.9

100-277 VAC

1kV SURGE PROTECTION

T8 RETROFIT

IK07

IP33

IES AVAILABLE

25 000 HOURS

2 YEAR WARRANTY

CE

RoHS

EMC

IEC 60598 -1&2

LEDs

DRIVER

STRUCTURE

CERTIFICATE

LED INDOOR

LINEAR IP33

TECHNICAL SPECIFICATIONS

Model No.	Wattage	LEDs	Lumen	Kelvin	CRI	Power Factor	Beam Angle	Voltage	IP Rating	Surge Protection	Dimension (mm)		
											L	W	H
ML-LL-10W-1FT-xx	10W	SMD2835	850	3000K 4000K 6500K	Ra80	>0.6	120°	AC180-277V	IP33	1kV	300	76	23
ML-LL-20W-2FT-xx	20W	SMD2835	1700	3000K 4000K 6500K	Ra80	>0.6	120°	AC180-277V	IP33	1kV	600	76	23
ML-LL-40W-4FT-xx	40W	SMD2835	3724	3000K 4000K 6500K	Ra80	>0.9	120°	AC180-277V	IP33	1kV	1200	76	23
ML-LL-50W-5FT-xx	50W	SMD2835	4628	3000K 4000K 6500K	Ra80	>0.9	120°	AC180-277V	IP33	1kV	1500	76	23

LED FITTING AND EMERGENCY BACKUP

IP20 OPEN CHANNEL FITTING

LED FITTING AND EMERGENCY BACKUP

IP65 VAPOUR PROOF FITTING

TECHNICAL SPECIFICATIONS

Model No.	IP Rating	Housing	Clips	Emergency Backup	Dimension (mm)		
					L	W	H
ML-VPD-4FT-IP65	IP65	ABS	Stainless Steel	Available	1300	110	55
ML-VPD-4FT-IP65	IP65	ABS	Stainless Steel	Available	1600	110	55

TECHNICAL SPECIFICATIONS

Model No.	IP Rating	Housing	Built-in Fuse	Emergency Backup	Dimension (mm)		
					L	W	H
ML-OC-4FT-IP20	IP20	Steel	Yes	Available	1200	82	32
ML-OC-5FT-IP20	IP20	Steel	Yes	Available	1500	82	32

LEDs

SMD 2835	100 LUMEN PER WATT	CRI 82	330° BEAM ANGLE · TM21 · LM80

DRIVER

CCG COMPATIBLE	180-277 VAC	FLICKER FREE

STRUCTURE

GLASS COATING	FUSE LED	IP20	SINGLE-ENDED INPUT

CERTIFICATE

IES AVAILABLE	20 000 HOURS	2 YEAR WARRANTY	CE	RoHS

Fuse for
LED T8 Tube

LED SINGLE-ENDED INPUT

T8 GLASS TUBE

TECHNICAL SPECIFICATIONS

Model No.	Wattage	LEDs	Lumen	Kelvin	CRI	Power Factor	Beam Angle	Voltage	Flicker Free	Surge Protection	Dimension (mm) D	L
ML-T8M-9W-xx	9W	SMD2835	900	3000K 4000K 6500K	Ra82	>0.9	330°	AC180-277V	Yes	0.5kV	28	604
ML-T8G-18W-xx	18W	SMD2835	1800	3000K 4000K 6500K	Ra82	>0.9	330°	AC180-277V	Yes	0.5kV	28	1213
ML-T8G-24W-xx	24W	SMD2835	2400	3000K 4000K 6500K	Ra82	>0.9	330°	AC180-277V	Yes	0.5kV	28	1514

LEDs

bridgelux. SMD 2835 | 100 LUMEN PER WATT | CRI 85 | 360° BEAM ANGLE | TM21 | LM80

DRIVER

3-STEP SWITCHING | 100-277 VAC | FLICKER FREE | 0.5kV SURGE PROTECTION

STRUCTURE

PMMA LGP | SUSPENDING FITTING AVAILABLE | E27

CERTIFICATE

25 000 HOURS | 2 YEAR WARRANTY | CE | RoHS | REACH | ErP

3 - S T E P S   D E S I G N   B Y   O N - O F F

1ST STEP Outside light

2nd STEP Middle light

3rd STEP Full light

LED PENDANT LAMP

COSMO

TECHNICAL SPECIFICATIONS

Model No.	Wattage	LEDs	Lumen	Kelvin	CRI	Beam Angle	Voltage	Fitting	Flicker Free	Surge Protection	Dimension (mm)	
											D	L
ML-CS-3STEP-4K-WH	10W/ 2W / 12W	bridgelux.	1000lm / 200lm / 1200lm	4000K	Ra85	360°	AC100-277V	E27	Yes	0.5kV	192	118
ML-CS-3STEP-4K-BL	10W/ 2W / 12W	bridgelux.	1000lm / 200lm / 1200lm	4000K	Ra85	360°	AC100-277V	E27	Yes	0.5kV	192	118
ML-CS-3STEP-SP-WH	White E27 Suspension Kit for Cosmo LED 3 Step Lamp											
ML-CS-3STEP-SP-BL	Black E27 Suspension Kit for Cosmo LED 3 Step Lamp											

LED CEILING LIGHT
TRINITY

SAMSUNG SMD 2835	80 LUMEN PER WATT	CRI 80	110° BEAM ANGLE	TM21 / LM80 — LEDs
1kV SURGE PROTECTION	EMC PASSED	180-277 VAC	FLICKER FREE — DRIVER	
		CCT 3-in-1 3000K 4000K 6500K	IP44 — STRUCTURE	
IES AVAILABLE	30 000 HOURS	2 YEAR WARRANTY	CE / RoHS / ErP — CERTIFICATE	

WW CW DL

INTERCHANGEABLE FRAME

Matt Black   Silver Grey   Rose Gold

4000K   6500K   3000K

Trinity Single + CCT

TECHNICAL SPECIFICATIONS

Model No.	Wattage	LEDs	Lumen	Kelvin	CRI	Beam Angle	Voltage	EMC	Flicker Free	Surge Protection	Dim-mable	Dimension (mm) D	Dimension (mm) L
ML-TY-12W-6K	12W	SAMSUNG	960	6500K	Ra80	110°	AC180-277V	Approved	Yes	1kV	No	250	70
ML-TY-18W-CCT	18W	SAMSUNG	1440	3 in 1 3000K 4000K 6500K	Ra80	110°	AC180-277V	Approved	Yes	1kV	No	300	70
ML-TY-24W-CCT	24W	SAMSUNG	1920	3 in 1 3000K 4000K 6500K	Ra80	110°	AC180-277V	Approved	Yes	1kV	No	350	70
ML-TY-18W-300-BFM	Matt Black Frame for 18W Trinity CCT												
ML-TY-18W-300-SGF	Silver Grey Frame for 18W Trinity CCT												
ML-TY-18W-300-RGF	Rose Gold Frame for 18W Trinity CCT												
ML-TY-24W-350-BFM	Matt Black Frame for 24W Trinity CCT												
ML-TY-24W-350-SGF	Silver Grey Frame for 24W Trinity CCT												
ML-TY-24W-350-RGF	Rose Gold Frame for 24W Trinity CCT												

LED WALL LIGHT

VIVO

NEW

WW CW DL | 6W 12W
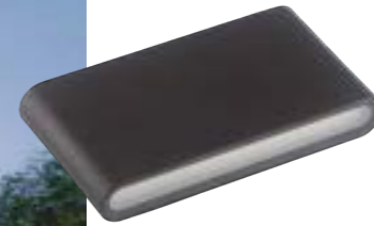
Black

White

LEDs	EPISTAR	**3** in **1** COLOUR CHANGING	**CRI 80**	**120°** BEAM ANGLE	
DRIVER	FLICKER FREE DRIVER	**6W DOWN** OR **12W UP & DOWN**	**180-277** VAC	PF **0.90**	**1kV SURGE** PROTECTION
STRUCTURE	ALUMINIUM HOUSING	IP**65**	IK**07**	**SURFACE** MOUNTED	
CERTIFICATE	**IEC**	**LOA**	CE	✓ RoHS	**ErP** ✓ REACH **35 000** HOURS **3 YEAR** WARRANTY

TECHNICAL SPECIFICATIONS

Model No	Wattage	Lumen	Kelvin	CRI	Power Factor	Driver	Beam Angle	Voltage	Dimmable	Surge Protection	Colours	Dimension (mm)		
												L	W	H
ML-VW-6W/12W-CCT-xx	6W/12W	6W (500lm) / 12W (800lm)	3000K 4000K 6500K	Ra80	0.90	Flicker Free Driver	120°	AC170-264V	No	1kV	Black or White	175	28	90

LED WALL LIGHT

ARGUS

NEW

COASTAL POLYCARB PLASTIC	GU10 HOLDER	IK07	STRUCTURE
		IP65	
IEC 60598 -1&2	CE RoHS	1 YEAR WARRANTY	CERTIFICATE

TECHNICAL SPECIFICATIONS

Model No	Material	Voltage	Housing	IP Rating	Dimension (mm)		
ML-AGS-R-D	Coastal Polycarb Plastic	220Vac	Black	IP65	D 76	H 186	
ML-AGS-R-UD	Coastal Polycarb Plastic	220Vac	Black	IP65	D 76	H 186	
ML-AGS-S-D	Coastal Polycarb Plastic	220Vac	Black	IP65	L 76	W 76	H 148
ML-AGS-S-UD	Coastal Polycarb Plastic	220Vac	Black	IP65	L 76	W 76	H 148

INSTALLATION OPTIONS
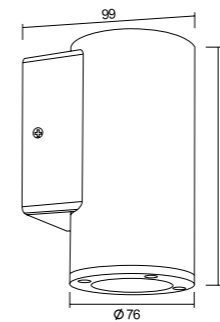
Down Round   **Down Square**   **Up & Down Round**   **Up & Down Square**
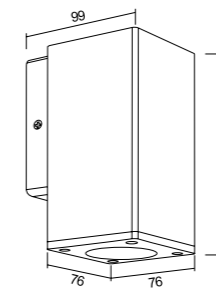
99 / 148 / Ø 76

99 / 148 / 76 76

99 / 186 / Ø 76

99 / 186 / 76 76

LED BULKHEAD

BRUTUS

BACKLIT TECHNOLOGY

WW CW DL
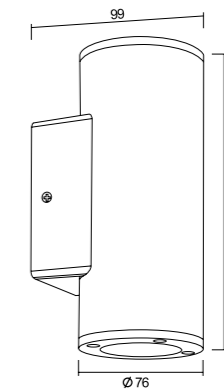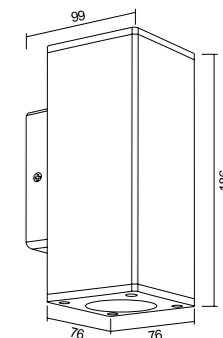
BMTC SMD **2835**	**100** LUMEN PER WATT	CRI **80**	**120°** BEAM ANGLE	TM**21** / LM**80** — LEDs
PF **0.9**	180-277 VAC	**1kv** SURGE PROTECTION	NON DIMMABLE	FLICKER FREE — DRIVER
		BACKLIT TECHNOLOGY	CCT 3-in-1 3000K 4000K 6500K	UV STABILISED / IP**65** / IK**08** — STRUCTURE
IES AVAILABLE	**50 000** HOURS	**3-5** YEAR WARRANTY	CE / RoHS	ErP / CB — CERTIFICATE

AVAILABLE COLOURS

Black   **White**
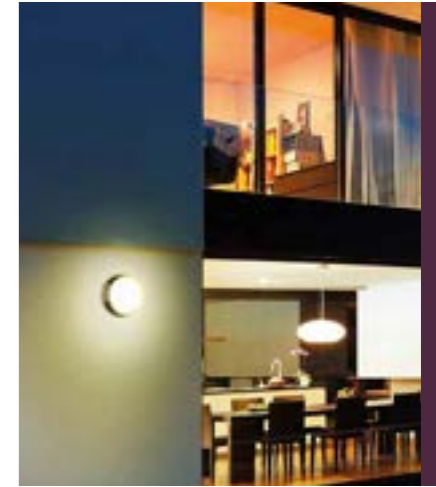
TECHNICAL SPECIFICATIONS

Model No.	Wattage	LEDs	Lumen	Kelvin (3-in-1)	CRI	Beam Angle	Voltage	Power Factor	Flicker Free	UV Stabilised	Surge Protection	Dimmable	Dimension (mm) D	L
NEW ML-BRT-R15W-CCT-WH	15W	BMTC	1350-1500	3000K 4000K 6500K	Ra82	120°	AC180-277V	0.95	Yes	Yes	1kV	No	180	66
ML-BRT-R15W-CCT-BK	15W	BMTC	1350-1500	3000K 4000K 6500K	Ra82	120°	AC180-277V	0.95	Yes	Yes	1kV	No	180	66
ML-BRT-R25W-CCT-WH	25W	BMTC	2000-2500	3000K 4000K 6500K	Ra82	120°	AC180-277V	0.95	Yes	Yes	1kV	No	241	77
ML-BRT-R25W-CCT-BK	25W	BMTC	2000-2500	3000K 4000K 6500K	Ra82	120°	AC180-277V	0.95	Yes	Yes	1kV	No	241	77

LED GU10 3 WIRE TRACK SPOT

ARES

GU10 COMPATIBLE

LEDs

220 VAC

DRIVER

ALUMINIUM HOUSING

IP20

STRUCTURE

IEC 60598 -1&2

1 YEAR WARRANTY

CE

RoHS

CERTIFICATE

ACCESSORIES

Available in Black or White

ML-AR-2M-BL
(3 Wire 2M Track Black with Power Feed and End Cap)

ML-AR-CON-I
(3 Wire Straight I Connector)

ML-AR-CON-4
(3 Wire 4 Way Connector)

ML-AR-CON-FL
(3 Wire Flexible Connector)

ML-AR-CON-EC
(3 Wire End Cap)

ML-AR-CON-L
(3 Wire L Connector)

ML-AR-CON-MAF
(3 Wire Multi Angle Feeder)

ML-AR-CON-PF
(3 Wire Power Feed)

ML-AR-CON-T
(3 Wire T Connector)

ML-AR-MSF
(3 Wire Mini Straight Feeder)

TECHNICAL SPECIFICATIONS

Model No.	Input Voltage	Housing	Track System	Dimension (mm)	
				D	H
ML-AR-TR-xx	220V	White or Black	3 Wire	55	110
ML-AR-SM-xx	220V	White or Black	Surface Mount	55	110
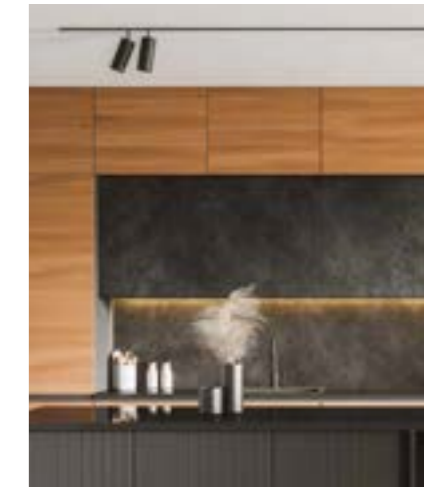
LED GU10
CNC DOWNLIGHTER

NEW

Square

ML-TF-S-WH

ML-TF-S-BL

ML-TF-S-SL

Cut out:Φ73-80mm
Φ63mm
20mm
93*93mm
90°
90±30°
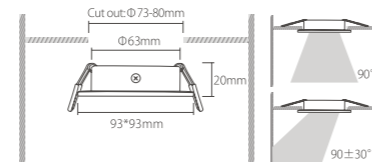
CNC DOWNLIGHTERS

Anti-Glare

ML-AGF-WH   ML-AGF-SL   ML-AGF-BL

CUT OUT: Φ75-84mm
Φ70mm
Φ95mm
24mm
90°
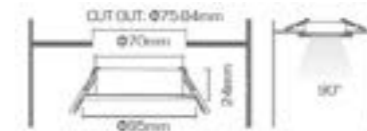
Fixed

ML-FF-WH   ML-FF-SL   ML-FF-BL

CUT OUT: Φ57-73mm
Φ70mm
Φ79mm
23mm
90°

Tilt

ML-TF-WH   ML-TF-SL   ML-TF-BL

CUT OUT: Φ73-85mm
Φ70mm
Φ90mm
24mm
90°
90+30°
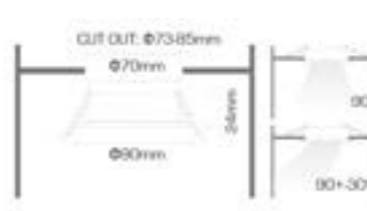
Deep Anti-Glare

ML-DAGF-WH   ML-DAGF-SL

CUT OUT: Φ69-75mm
Φ65mm
Φ86mm
35mm
90°
90+30°
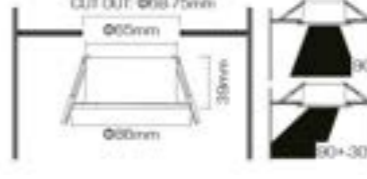
Polycarbonate Anti-Glare

ML-PAGF-WH

Cut out:Φ75-80mm
Φ74mm
Φ95mm
25mm
90°
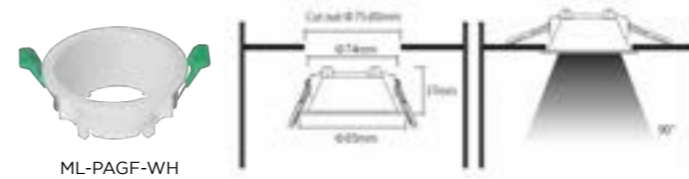
IP65 Waterproof Anti-Glare

NEW

ML-AGF-IP65-WH

Cut out:Φ70-75mm
Φ65mm
25mm
90°
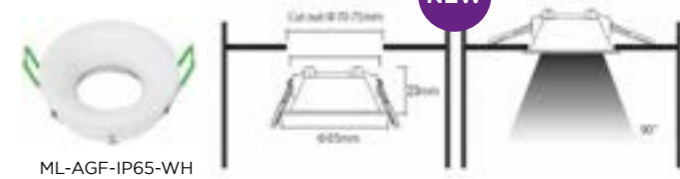
GU10 HOLDER

ML-GU10-H

LED SURFACE MOUNT GU10 DOWNLIGHT

MINOS

LEDs

| GU10 HOLDER | PURE ALUMINIUM HOUSING | IP20 |
| | | IK07 |

CERTIFICATE

| 1 YEAR WARRANTY | IEC 60598-1 |

TECHNICAL SPECIFICATIONS

| Model No. | Material | Input Voltage | Housing | IP Rating | Dimension (mm) | |
					D	H
ML-MNS-GU10-WH	Aluminium	220Vac	White	IP20	80	115
ML-MNS-GU10-BL	Aluminium	220Vac	Black	IP20	80	115

LED GU10

RAINBOW

COB

45°
BEAM
ANGLE

500V
SURGE
PROTECTION

180-264
VAC

20 000
HOURS

2 YEAR
WARRANTY

CE

RoHS
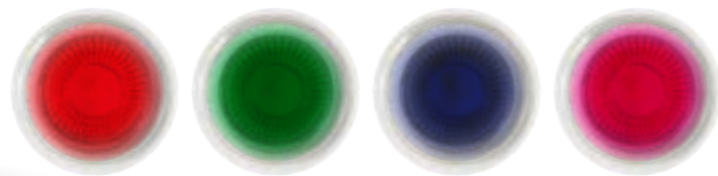
TECHNICAL SPECIFICATIONS

Model No.	Wattage	LEDs	Colour	Wave-length	Beam Angle	CRI	Voltage	Power Factor	Surge Protec-tion	Dimmable	Dimension (mm)	
											D	H
ML-Z-4.8W-GU10-R	4.8W	EPILEDS	Red	680nm	45°	Ra84	AC180-264V	0.6	0.5kV	No	50	56
ML-Z-4.8W-GU10-G	4.8W	EPILEDS	Green	530nm	45°	Ra84	AC180-264V	0.6	0.5kV	No	50	56
ML-Z-4.8W-GU10-B	4.8W	EPILEDS	Blue	445nm	45°	Ra84	AC180-264V	0.6	0.5kV	No	50	56
ML-Z-4.8W-GU10-M	4.8W	EPILEDS	Magenta	390nm	45°	Ra84	AC180-264V	0.6	0.5kV	No	50	56
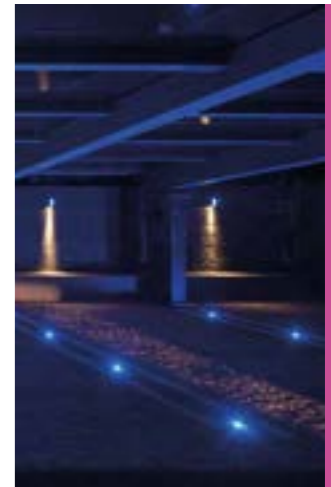
LED GU10

COMET

bridgelux SMD 2835	100 LUMEN PER WATT	CRI 85	30°/60° BEAM ANGLE	TM21	LEDs
				LM80	
180-277 VAC		SHUTTLE MATCHED		DIMMABLE	DRIVER
IES AVAILABLE	25 000 HOURS	2 YEAR WARRANTY	CE	RoHS	ErP	REACH	CERTIFICATE

EQUIVALENT

LED GU10
5.5W
7.5W

=

HALOGEN
50W
70W
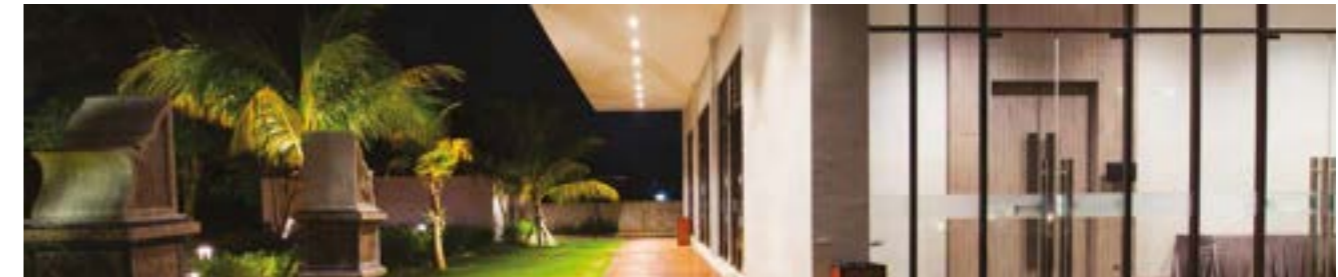
TECHNICAL SPECIFICATIONS

Model No.	Wattage	LEDs	Lumen	Kelvin	Beam Angle	CRI	Voltage	Surge Protection	Dimension (mm) D	H
ML-CT-5.5W-GU10-xxK	5.5W	bridgelux	500 - 570lm	3000K 4000K 6500K	60°	Ra85	AC180-277V	0.5kV	50	54
ML-CT-5.5W-GU10-xxK-D	5.5W	bridgelux	500 - 570lm	3000K 4000K 6500K	60°	Ra85	AC180-277V	0.5kV	50	54
ML-CT-7.5W-GU10-xxK	7.5W	bridgelux	650 - 740lm	3000K 4000K 6500K	36°	Ra85	AC180-277V	0.5kV	50	57
ML-CT-7.5W-GU10-xxK-D	7.5W	bridgelux	650 - 740lm	3000K 4000K 6500K	36°	Ra85	AC180-277V	0.5kV	50	57

LED GU10
SIRIUS

LEDs

| SAMSUNG SMD 2835 | 120 LUMEN PER WATT | CRI 85 | 36° BEAM ANGLE | TM21 | LM80 |

DRIVER

| 180-277 VAC | SHUTTLE MATCHED | DIMMABLE |

CERTIFICATE

| IES AVAILABLE | 35 000 HOURS | 3 YEAR WARRANTY | CE | RoHS | ErP | CB |

TECHNICAL SPECIFICATIONS

Model No.	Wattage	LEDs	Lumen	Kelvin	Beam Angle	CRI	Voltage	Power Factor	Surge Protection	Dimmable	Dimension (mm)	
											D	H
ML-SRS-8W-GU10-27K-D	8W	SAMSUNG	1000lm	2700K	36°	Ra85	AC180-277V	>0.95	1kV	Yes	50	64
ML-SRS-8W-GU10-4K-D	8W	SAMSUNG	1080lm	4000K	36°	Ra85	AC180-277V	>0.95	1kV	Yes	50	64
ML-SRS-8W-GU10-65K-D	8W	SAMSUNG	1000lm	6500K	36°	Ra85	AC180-277V	>0.95	1kV	Yes	50	64

LED GLOBE
FILAMENT

100 LUMEN PER WATT	**CRI 85**	↑ **330°** BEAM ANGLE — LEDs
	⚡ **180-265** VAC	☀ DIMMABLE — DRIVER
E27	B22	E14 — **IP20** STRUCTURE
20 000 HOURS	**1-2** YEAR WARRANTY	CE RoHS — CERTIFICATE

STYLE OPTIONS

GLOBES

C37   A60   ST64   G95   G125

NOW AVAILABLE IN SMOKEY

Smokey A60   Smokey ST64   Smokey G95

TECHNICAL SPECIFICATIONS

Model No.	Wattage	Lumen	Kelvin	CRI	Beam Angle	Voltage	Dimmable	Base	Glass	Dimension (mm)	
										D	L
ML-VF-C37-4W-xx	4W	400	2700K	Ra85	330°	AC180-265V	Yes	E14 or E27	Amber	35	95
ML-VF-A60-6W-xx	6W	600	2700K 4000K 6500K	Ra85	330°	AC180-265V	Yes	B22 or E27	Clear or Amber	60	110
ML-VF-ST64-6W-xx	6W	600	2700K 4000K 6500K	Ra85	330°	AC180-265V	Yes	B22 or E27	Clear or Amber	64	140
ML-VF-G95-6W-xx	6W	600	2700K 4000K 6500K	Ra85	330°	AC180-265V	Yes	B22 or E27	Clear or Amber	95	120
ML-VF-G124-6W-xx	6W	600	2700K 4000K 6500K	Ra85	330°	AC180-265V	Yes	B22 or E27	Clear or Amber	125	180

LED GLOBE

A60

LEDs

SMD 2835

100 LUMEN PER WATT

CRI 85

320° BEAM ANGLE

DRIVER

180-277 VAC

DIMMABLE

STRUCTURE

E27

B22

IP20

CERTIFICATE

25 000 HOURS

2 YEAR WARRANTY

CE

RoHS

REACH

ErP

EMC

TECHNICAL SPECIFICATIONS

Model No.	Wattage	Lumen	Kelvin	CRI	Beam Angle	Voltage	Dimmable	Replacement Incandescent	Dimension (mm)	
									D	L
ML-A60-9W-E27-xxK	9W	900	3000K 4000K 6000K	Ra85	320°	AC180-277V	No	100W	60	110
ML-A60-9W-E27-xxK-D	9W	900	3000K 4000K 6000K	Ra85	320°	AC180-277V	Yes	100W	60	110
ML-A60-9W-B22-xxK	9W	900	3000K 4000K 6000K	Ra85	320°	AC180-277V	No	100W	60	108
ML-A60-9W-B22-xxK-D	9W	900	3000K 4000K 6000K	Ra85	320°	AC180-277V	Yes	100W	60	108

LED 4.5W
CANDLE

85% ENERGY SAVING | CRI 80 | 270° BEAM ANGLE | LEDs

180-265 VAC | DIMMABLE AVAILABLE | E27 | B22 | E14 | IP20 | STRUCTURE

25 000 HOURS | 2 YEAR WARRANTY | CE | RoHS | CERTIFICATE

TECHNICAL SPECIFICATIONS

Model No.	Wattage	Lumen	Kelvin	CRI	Beam Angle	Voltage	Dimmable	Base	Dimension (mm) D	Dimension (mm) L
ML-ZCF-4.5W-xx	4.5W	400	2700K 4000K 6500K	Ra80	270°	AC180-265V	No	E14, B22 or E27	37	100
ML-ZCF-4.5W-xx-D	4.5W	400	2700K 4000K 6500K	Ra80	270°	AC180-265V	Yes	E14, B22 or E27	37	100

LED 4.5W
GOLF BALL

180-265 VAC | DC12V AVAILABLE | DIMMABLE AVAILABLE | E27 | B22 | E14 | IP20 | STRUCTURE

85% ENERGY SAVING | CRI 80 | 270° BEAM ANGLE | LEDs

25 000 HOURS | 2 YEAR WARRANTY | CE | RoHS | CERTIFICATE

TECHNICAL SPECIFICATIONS

Model No.	Wattage	Lumen	Kelvin	CRI	Beam Angle	Voltage	Dimmable	Base	Dimension (mm) D	Dimension (mm) L
ML-ZG-4.5W-xx	4.5W	400	2700K 4000K 6500K	Ra80	270°	AC180-265V	No	E14, B22 or E27	45	72.5
ML-ZG-4.5W-xx-D	4.5W	400	2700K 4000K 6500K	Ra80	270°	AC180-265V	Yes	E14, B22 or E27	45	72.5
ML-ZG-12V-3W	3W	280	6500K	Ra80	270°	DC12V	No	B22 or E27	45	72.5

LED A60 EMERGENCY GLOBE & GU10

5W GENIE
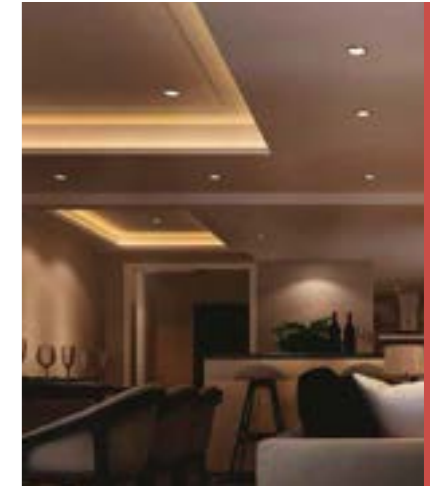
LEDs

REFOND

100 LUMEN PER WATT

60° BEAM ANGLE ON **220V**

120° BEAM ANGLE ON **EMG MODE**

DRIVER

LiFePO4

QUICK CHARGE

3-4 HOURS CHARGING

STEP 1 **2.5 HOURS**

STEP 2 **3.5 HOURS**

STEP 3 **5.5 HOURS**

CERTIFICATE

MSDS APPROVED

UN38.3 APPROVED

1 YEAR WARRANTY

TECHNICAL SPECIFICATIONS

Model No	Wattage	LEDs	Lumen	Emergency Lumen	Kelvin	CRI	Beam Angle	Voltage	Battery Type	Charge Time	Emergency Time	Dimension (mm)	
												D	L
ML-EM-5W-GU10-xx	5W	SMD2835	480	250	3000K 4000K 6500K	Ra82	120°	AC170-265V	Lithium Ion	3-4 Hours	2-3 Hours	50	82

LED A60 **EMERGENCY GLOBE** & **GU10**

7W GENIE

LEDs

| REFOND | **100** LUMEN PER WATT | **280°** BEAM ANGLE |

DRIVER

| LiFePO4 | QUICK CHARGE | **3-4 HOURS** CHARGING | STEP 1 **3 HOURS** | STEP 2 **5 HOURS** | STEP 3 **9 HOURS** |

CERTIFICATE

| MSDS APPROVED | **1 YEAR** WARRANTY |
| UN38.3 APPROVED | |

TECHNICAL SPECIFICATIONS

Model No	Wattage	LEDs	Lumen	Emergency Lumen	Kelvin	CRI	Beam Angle	Voltage	Battery Type	Charge Time	Emergency Time	Dimension (mm)	
												D	L
ML-EM-7W-A60-E27-xx	7W	SMD2835	700	300	3000K 4000K 6500K	Ra82	280°	AC170-265V	Lithium Ion	4-5 Hours	2-3 Hours	70	131
ML-EM-7W-A60-B22-xx	7W	SMD2835	700	300	3000K 4000K 6500K	Ra82	280°	AC170-265V	Lithium Ion	4-5 Hours	2-3 Hours	70	131

LEDs
220 VAC

120°
BEAM ANGLE

DRIVER
MAGNETIC MOUNTING

PMMA ACRYLIC

CERTIFICATE
IP44

2 YEAR WARRANTY
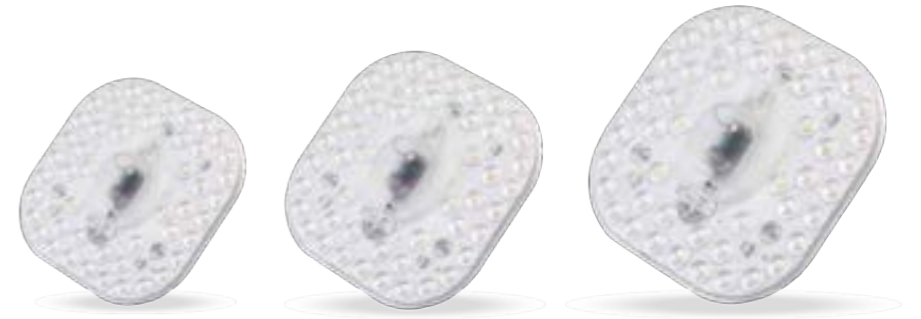
LED MODULAR

2D RETROFIT

NOW AVAILABLE IN **CCT 13W & 16W**

TECHNICAL SPECIFICATIONS									
Model No.	Wattage	Lumen	Kelvin	CRI	Beam Angle	Voltage	Power Factor	Dimension (mm)	
								D	L
ML-MD-13W	13W	1250	4000K 6500K	Ra80	120°	AC100-265V	0.65	110	110
ML-MD-16W	16W	1450	4000K 6500K	Ra80	120°	AC100-265V	0.65	160	160
ML-MD-20W	20W	1850	4000K 6500K	Ra80	120°	AC100-265V	0.65	190	190

BI-PINS G9&G4

G9 3.5W AC220V Starlight

TECHNICAL SPECIFICATIONS			
Model No.	Wattage	Lumen	Kelvin
ML-G9-220V-3K	3.5W	280	3000K
ML-G9-220V-6K	3.5W	300	6000K
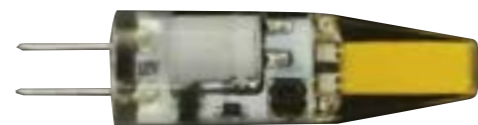
G4 2W AC/DC12V Starlight

TECHNICAL SPECIFICATIONS			
Model No.	Wattage	Lumen	Kelvin
ML-G4-12V-3K	2W	160	3000K
ML-G4-12V-6K	2W	180	6000K

SIGNAGE MODULES

TECHNICAL SPECIFICATIONS

0.96W Backlit Module
DC12V 3 Piece Module for 80-00mm Fabricated Letters or Light Box

Model No.	Wattage	Lumen	Kelvin	Max in Series	Beam Angle	IP Rating	Dimension (mm)		
							L	W	H
ML-MD-3PC	0.96W	110	6500K Red Blue	30 Modules	160°	IP67	69	16	6.6

1.44W Backlit Module
DC12V 4 Piece Module for 80-00mm Fabricated Letters or Light Box

Model No.	Wattage	Lumen	Kelvin	Max in Series	Beam Angle	IP Rating	Dimension (mm)		
							L	W	H
ML-MD-4PC	1.44W	158	2700K 4000K 6500K	30 Modules	160°	IP67	37	37	6.6

Edgelit Module
DC12V 1 Piece for 150mm Deep Light Box

Model No.	Wattage	Lumen	Kelvin	Max in Series	Beam Angle	IP Rating	Dimension (mm)		
							L	W	H
ML-MD-1PC-1.5	1.5W	125	7000K	1200mm	18° x 50°	IP67	45	25	11.8
ML-MD-1PC-2.8	2.8W	240	7000K	2000mm	18° x 50°	IP67	72	34	18.4
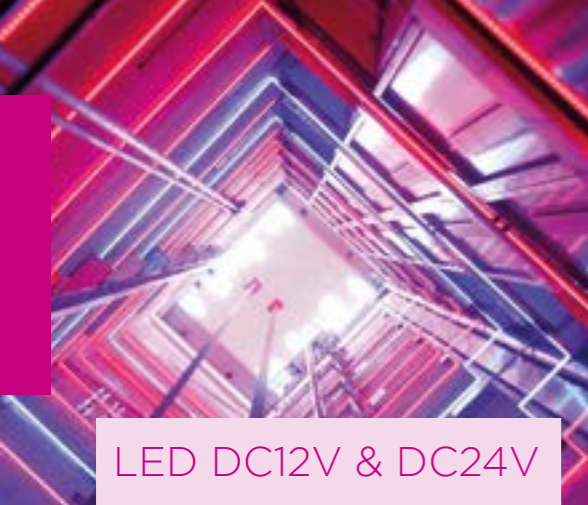
LED DC12V & DC24V
STRIPLIGHTS

TECHNICAL SPECIFICATIONS

Series	Wattage	Colour	Lumen	Ingress Protection	No. of LEDs
Vivid	6W/DC12V/24V	2700K/4000K/6500K/Blue/Red	up to 600	IP20 Indoor 12V IP67 Outdoor 24V	60
Architectural	14.4W/DC12V	2700K/4000K/6500K/Blue/RGB	up to 1000	IP20 Indoor	60
Design	12W/DC12V	2700K/4000K/6500K/Blue/Red	up to 1250	IP20 Indoor	120
Lucid	4.8W/DC24V	2700K/4000K/6500K	up to 520	IP20 Indoor	60
Ultra	9.6W/DC24V	2700K/4000K/6500K	up to 1200	IP20 Indoor	120
Harmony	12/DC24V	RGB Tuneable/White/Warm White	up to 1400	IP20/IP67	60
Seamless	10W/DC24V	3000K/4000K/6500K/Blue/Green	up to 1000	IP20	396

STRIPLIGHT SERIES

Vivid
The Vivid Series is the perfect balance between high brightness and low energy consumption.

Architectural
The Architectural Series has ultra-bright 50/50 LED chips to emphasize architectural features anywhere.

Design
The Design Series works best in aluminium profiles for a modern and eye-catching effect.

Lucid
The Lucid Series offers longer runs on DC24V and gives off that subtle illumination.
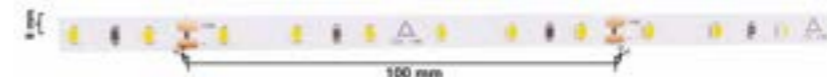
Ultra
The Ultra Series allows for ultra-bright ultra-long lengths of striplight without compensating on quality.

Harmony
The Harmony Series provides the option of over 2500 different colour options including white and warm white.

Seamless
The Seamless Series provides a futuristic linear look and feel for any application.

2700K

4000K

6500K

LED DC12V & DC24V

STRIPLIGHT ACCESSORIES

ACCESSORIES

8mm/10mm
Single Connector

8mm/10mm
Double Connector

8mm/10mm
I Connector

8mm/10mm
L Connector

10mm RGB
L Connector

TECHNICAL SPECIFICATIONS			
Model No.	Product Description	Voltage	Output
ML-DC-IR44S	RGB Infra Red Receiver + Remote for 3 Channel Output	DC12V-72W DC24V-72W	V+/R/G/B
ML-DC-DST02	RGB Radio Frequency Receiver + Remote for 5 Channel Output	DC12V-240W DC24V-480W	V+/R/G/B/ W/WW
ML-TC-RGBWC	RGB+W+WW Intelli Smart Range with Wifi or 2.4Ghz Remote	DC12V-144W DC24V-288W	V+/R/G/B/ W/WW
ML-DC-AMF	RGB Amplifier	DC12V-144W DC24V-288W	V+/R/G/B
ML-DC-RF-T1	Single Colour Striplight Dimmer	DC12V-96W DC24V-192W	V-/V+

Google Assistant   alexa

ULTRA THIN
POWER SUPPLIES

Surge Protected IP20 Indoor DC12V/DC24V

ML-UT-30W-IP20-xx	30W	2.5 Amp/1.25 Amp	135x35x23mm
ML-UT-60W-IP20-xx	60W	5 Amp/2.5 Amp	170x35x23mm
ML-UT-100W-IP20-xx	100W	8.3 Amp/4.15 Amp	145x48x29mm
ML-UT-150W-IP20-xx	150W	12.5 Amp/6.25 Amp	195x48x29mm
ML-UT-200W-IP20-xx	200W	16.7 Amp/8.35 Amp	195x48x29mm
ML-UT-350W-IP20-xx	350W	29.2 Amp/14.7 Amp	245x64x29mm

Surge Protected IP67 Outdoor DC12V/DC24V

ML-UT-60W-IP67-xx	60W	5 Amp/2.5 Amp	202x35x35mm
ML-UT-80W-IP67-xx	80W	6.67 Amp/3.3 Amp	169x52x34mm
ML-UT-150W-IP67-xx	150W	12.5 Amp/6.25 Amp	208x58x32mm

ALUMINIUM
PROFILES

Cover	End Cap	Holder
Clear Frosted		
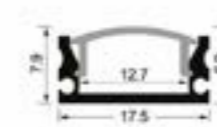
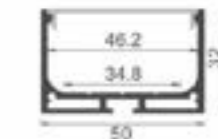**ML-071**
2m Slim Surface Profile
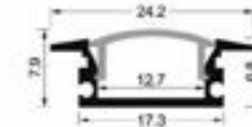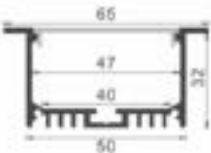
ML-072
2m Slim Recessed Profile
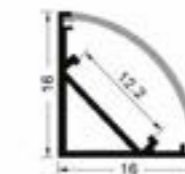
ML-073
2m Deep Surface Profile

ML-074
2m Deep Recessed Profile

ML-075
2m Wide Surface Profile

ML-076
2m Wide RecessedProfile
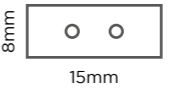
ML-106
2m Slim Corner Profile

ML-081/ML-082

AVAILABLE IN MATT BLACK

SIZE

8mm
15mm

LEDs
SMD 2835
CRI 85
30° BEAM ANGLE

DRIVER
MESMERIZE LIGHTING 24V DRIVER
DC24V
DIMMABLE

STRUCTURE
ALUMINIUM PROFILE
IK08
IP65
SILICONE COATING

CERTIFICATE
30 000 HOURS
2 YEAR WARRANTY
CE
RoHS

NEW

LED DC24V

WALLY WALL ROPELIGHT

TECHNICAL SPECIFICATIONS

Model No.	Wattage	LEDs	Lumen	Kelvin	CRI	Beam Angle	Voltage	Dimmable	Cuttable
ML-WW-24-16W-27K	16W	SMD2835	1200	27000K	Ra80	30°	DC24V	Yes	167mm
ML-WW-24V-16W-4K	16W	SMD2835	1200	4000K	Ra80	30°	DC24V	Yes	167mm

LED DC24V

NEON FLEX PRO

LEDs			
SMD 2835	6W METRE	CRI 85	SDCM <4

DRIVER		
DC24V	DIM MABLE	20m IN SERIES

STRUCTURE	
IP66	IK08

CERTIFICATE			
30 000 HOURS	2 YEAR WARRANTY	CE	RoHS
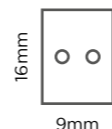
SIZE

16mm
9mm

TECHNICAL SPECIFICATIONS

Model No.	Wattage	LEDs	Lumen	Kelvin	CRI	Voltage	Dimmable	Cuttable
ML-NF-24V-3K	6W	SMD2835	300	3000K	Ra85	DC24V	Yes	310mm
ML-NF-24V-4K	6W	SMD2835	300	4000K	Ra85	DC24V	Yes	310mm
ML-NF-24V-6K	6W	SMD2835	300	6500K	Ra85	DC24V	Yes	310mm
ML-NF-24V-B	6W	SMD2835	450	Blue	Ra85	DC24V	Yes	310mm

LED 220V

COB ROPELIGHT

NEW

SIZE

6mm
18mm
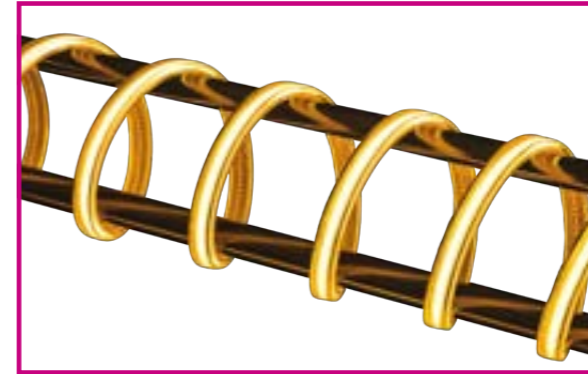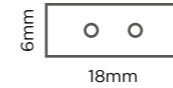
LEDs	COB	9.9W METRE	UP TO 900 LUMEN PER METRE	
DRIVER	DOT FREE SMD LIGHT EMISSION	DIM MABLE	IK08 / IP65	CUTT ABLE EVERY 500mm INTERVALS
STRUCTURE	IP65	IK08		
CERTIFICATE	CE	RoHS	30 000 HOURS	2 YEAR WARRANTY

ACCESSORIES

Mounting Brackets

End Cap

X2 Capacitor

Heat Shrink

Horizontal Holder

Single Colour Power Supply

U Bracket

TECHNICAL SPECIFICATIONS

Model No	Wattage	LEDs	Lumen	Kelvin	CRI	Voltage	Dimmable	Cuttable
ML-COB-220V-320P-4K	9.9W	COB	900	4000K	Ra85	220V	Yes	500mm
ML-COB-220V-320P-6K	9.9W	COB	900	6000K	Ra85	220V	Yes	500mm
ML-COB-220V-320P-27K	9.9W	COB	900	2700K	Ra85	220V	Yes	500mm

LED 220V

ROPELIGHT PRO

SIZE

5mm
17mm
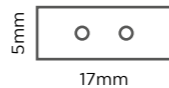
SMD 5050	8W METRE	CRI 82	LEDs
220VAC	DIM MABLE	1kv SURGE PROTECTION	DRIVER
	IP65	IK08	STRUCTURE
30 000 HOURS	1 YEAR WARRANTY	CE RoHS	CERTIFICATE

ACCESSORIES

| Mounting Brackets | End Cap | X2 Capacitor | Heat Shrink | 3 Way Joiner | Horizontal Holder |
| RGB Power Supply with Remote | 600mm Extender | Straight Joiner | L Joiner | Single Colour Power Supply | U Bracket |

Tuya Controller

CONNECTION

Single Colour Connection

0.8M   50M
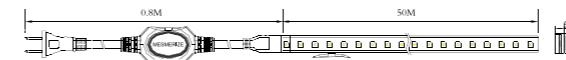
Multi Colour Connection

50M   0.8M
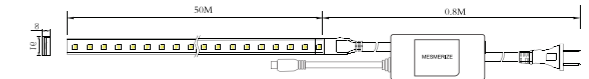
TECHNICAL SPECIFICATIONS

Model No.	Wattage	LEDs	Lumen	Kelvin	CRI	Voltage	Dimmable
ML-TL-220V-3K	8W	SMD5050	530	3000K	Ra82	220V	Yes
ML-TL-220V-4K	8W	SMD5050	550	4000K	Ra82	220V	Yes
ML-TL-220V-6K	8W	SMD5050	560	6500K	Ra82	220V	Yes
ML-TL-220V-R	8W	SMD5050	680	Red	Ra82	220V	Yes
ML-TL-220V-G	8W	SMD5050	530	Green	Ra82	220V	Yes
ML-TL-220V-B	8W	SMD5050	440	Blue	Ra82	220V	Yes
ML-TL-220V-2K	8W	SMD5050	420	2000K	Ra82	220V	Yes
ML-TL-220V-RGB	8W	SMD5050	NA	RGB	Ra82	220V	Yes
ML-TL-220V-PL	8W	SMD5050	390	Purple	Ra82	220V	Yes

3000K   4000K

6000K   RGB

Red   Green

Blue   2000K

Purple
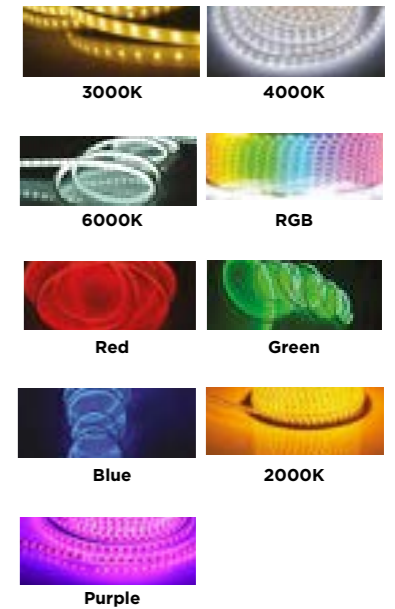
LED 220V

WIREFREE ROPELIGHT

SIZE

6mm
17mm

NEW
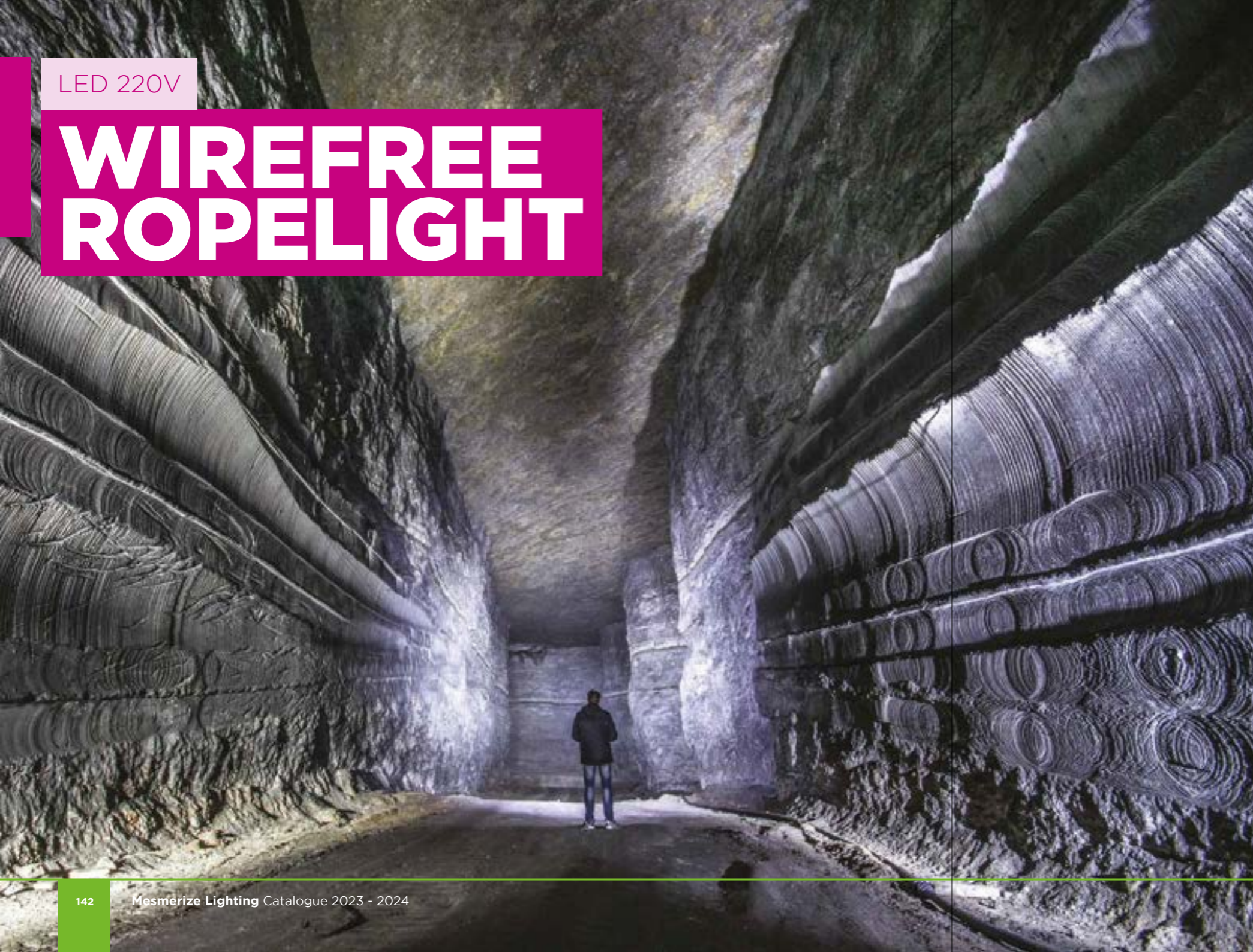
LEDs			
HONGLI ZHIHUI 鸿利智汇	**9.9W** METRE	UP TO **900** LUMEN PER METRE	

STRUCTURE			
ANTI UV HIGH DENSITY PVC	**DIM MABLE**	IK08 / IP65	**CUTTABLE** EVERY **20mm** INTERVALS

CERTIFICATE					
IEC	**LOA**	CE	RoHS ✓	**30 000** HOURS	**1 YEAR** WARRANTY

TECHNICAL SPECIFICATIONS

Model No	Wattage	LEDs	Lumen	Kelvin	CRI	Voltage	Dimmable	Cuttable
ML-WF-220V-2835	9.9W	HONGLI ZHIHUI 鸿利智汇	900	3000K 4000K 6500K	Ra82	220V	Yes	20mm

LED 220V

NEON FLEX PRO

SMD 2835	8W METRE	CRI 85	SDCM <4	LEDs
220VAC	DIM MABLE	1kv SURGE PROTECTION	PF 0.97	DRIVER
		IP65	IK08	STRUCTURE
30 000 HOURS	2 YEAR WARRANTY	CE	RoHS	CERTIFICATE

ACCESSORIES

Mounting Brackets	End Cap	X2 Capacitor	Heat Shrink
Single Colour Power Supply	H Pin	300mm Extender	Straight Joiner

SIZE

19mm
10mm

Red   Green   Blue   Warm White   Amber   White   Magenta

TECHNICAL SPECIFICATIONS

Model No.	Wattage	LEDs	Lumen	Kelvin	CRI	Voltage	PF	Dimmable
ML-NF-220V-3K	8W	SMD2835	290	3000K	Ra85	220V	0.97	Yes
ML-NF-220V-4K	8W	SMD2835	280	4000K	Ra85	220V	0.97	Yes
ML-NF-220V-6K	8W	SMD2835	270	6500K	Ra85	220V	0.97	Yes
ML-NF-220V-B	8W	SMD2835	450	Blue	Ra85	220V	0.97	Yes
ML-NF-220V-A	8W	SMD2835	610	Amber	Ra85	220V	0.97	Yes
ML-NF-220V-M	8W	SMD2835	370	Magenta	Ra85	220V	0.97	Yes
ML-NF-220V-R	8W	SMD2835	620	Red	Ra85	220V	0.97	Yes
ML-NF-220V-G	8W	SMD2835	520	Green	Ra85	220V	0.97	Yes

6AMP

CORE 10A

NEW

| 10A | 2400 W MAX | -20° -50° OPERATING TEMP | CURRENT |

works with the Google Assistant | WORKS WITH alexa | Powered by tuya | CONTROL

| IEC 60884- 1&2-5 | IEC 61058- 1&1-2 | SANS 164 | EMC | IP 20 | 1 YEAR WARRANTY | CERTIFICATE |

TECHNICAL SPECIFICATIONS

Model No	Curent	Power Load	Operating Temp	Wifi	Controller	Power Metering	Dimension (mm)	
							L	W
ME-COR-10A-MTTY	10A	2400W Max	-20°C - 50°C	2.4GHz	iOs or Android Bluetooth App Control	YES	53.12	51.5

6AMP

CORE 16A

NEW

| CURRENT | 16A | 3680 W MAX | -20° -50° OPERATING TEMP |

| CONTROL | works with the Google Assistant | WORKS WITH alexa | Powered By tuya |

| CERTIFICATE | IEC 60884-1&2-5 | IEC 61058-1&1-2 | SANS 164 | EMC | IP 20 | 1 YEAR WARRANTY |

TECHNICAL SPECIFICATIONS

Model No	Curent	Power Load	Operating Temp	Wifi	Controller	Power Metering	Dimension (mm)	
							L	W
ME-COR-16A-MTTY	16A	3680W Max	-20°C - 50°C	2.4GHz	iOs or Android Bluetooth App Control	YES	53	63.5

NEW

6AMP

CORDSET

STRUCTURE

HO3VV -F	6 AMP	AC 250V

CERTIFICATE

IEC 60884 -1	✓ RoHS	✓ REACH	PAHS	CA 65	2 YEAR WARRANTY

TECHNICAL SPECIFICATIONS

Model No	Current	Cable Length	Material	Design	Voltage	Colours
ME-6A3053MWH	6Amp	3 Meter	HO3VV-F	Patented	AC250V	White

WHAT WE DO BEST...

DESIGN

EXECUTE

AVAILABILITY

DISTRIBUTE

TRAINING

SUPPORT