





1-11



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INTRODUCTION



Besides, all production processes are done in-house from tooling to finished products. The customers' designs are always welcome and your work with us stays confidential.

OEM / ODM orders are welcome.

commitment to quality. Our products meet CE, GS, Semko & UL Approvals.



ISO 9001:2000 Certificate No.: FM 85977



Tooling Department



CNC Equipment





Plastic Injection Department



Plastic Extrusion Department



Metal Stamping Department



Assembly Lines



Die Casting Department



Photometric, Colorimetric & Electric Parameters Equipment



Glow Wire Tester



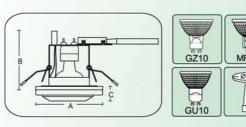
Modernizing Warehouse



Recessed Mount

SL515

BATHROOM Downlights



• Voltage: 230V, 12V

C M BL

- Wattage: Max.50W
- Lamp type: MR16 / GZ10 / GU10
- Construction: Tempered glass, with aluminium die cast ring, zinc alloy die cast body
- IP Rating: IP55

Recessed Mount

SL515A



Recessed Mount SL515B



Recessed Mount SL515C



MODEL	WATT	DIMENSION (mm) A x B x C	IND. BOX (mm)	OUTER CARTON (mm) DIMENSION / PCS.	WEIG G.W.	HT (kg) N.W.
SL515	50	104 x 83 x 11	140 x 106 x 134	700 x 325 x 240 / 20	13	11.4
SL515A	50	104 x 83 x 15	140 x 106 x 134	700 x 325 x 240 / 20	13	11.4
SL515B	50	104 x 83 x 15	140 x 106 x 134	700 x 325 x 240 / 20	13	11.4
SL515C	50	104 x 83 x 17	140 x 106 x 134	700 x 325 x 240 / 20	13	11.4

BATHROOM Mirror light

MLP213A-PS

C M BL



IP44

CTN SIZE / PCS.: 672 x 132 x 680 mm / 1 pc.

WEIGHT (KG) G.W. / N.W.: 10.4 / 8.9 kg

660 x 120 x 668 mm

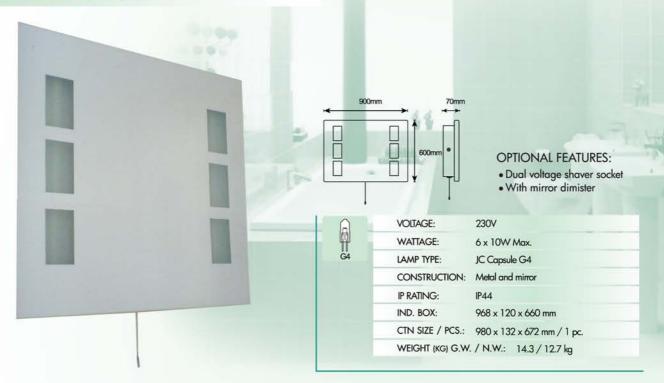
MLP113-PS



MLP610-PS

IP RATING:

IND. BOX:



BATHROOM Mirror light

MLP40R-PS

C M BL





- Dual voltage shaver socketWith mirror dimister





MLP810R-PS





- Dual voltage shaver socketWith mirror dimister



VOLTAGE:	12V/ 230V
WATTAGE:	8 x 10W Max.
LAMP TYPE:	JC Capsule G4
CONSTRUCTION:	Metal and mirror
IP RATING:	IP44
IND. BOX:	563 x 113 x 568 mm
CTN SIZE / PCS.:	575 x 125 x 580 mm / 1 pc.
WEIGHT (KG) G.W	. / N.W.: 6.3 / 4.8 kg

MLP215C-PS

Dual Voltage Shaver Socket





APPENDIX IP Ratings



Under EN 60529, all light fittings are rated for their protection against ingress by water and dust particles or other foreign objects. The rating is expressed as a two-part IP number - for example IP67. The two numbers correspond to their protection level: the first number (between 1 and 6) refers to the level of protection from ingress by dust and other solid objects; the second number (1 to 8) refers to the level of protection from harmful water ingress. The protection levels are defined in the following tables.

First Number (protection level against solid objects)

	IP	Defined protection Level
	IPOX	No Protection
	IP1X	Protects against foreign bodies down to 50mm diameter
	IP2X	Protects against foreign bodies down to 12.5mm in diameter
	IP3X	Protects against foreign bodies down to 2.5mm in diameter
	IP4X	Protects against foreign bodies down to 1 mm in diameter
*	IP5X	Protection against harmful dust deposits, ingress of dust is not totally prevented, but dust shall of penetrate in a quantity to interfere with satisfactory operation of the apparatus or to impair safety – Dust protected.
*	IP6X	Protects against any entry of dust – dust-tight

^{*}Therefore an IP67 luminaire would be proctected against the ingress of dust and the effect of temporary water immersion down 1 metre.

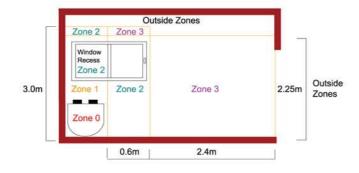
Second Number (protection level against water)

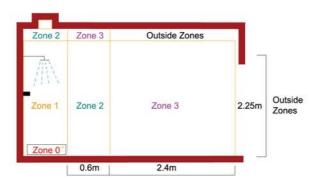
	IP	Defined protection Level
	IPXO	No Protection
	IPX1	Protects against drop of water falling vertically. Limited ingress permitted.
•	IPX2	Protects against drop of water falling up to 15° from the vertical. Limited ingress permitted.
•	IPX3	Protects against drop of water sprayed up to 60 degree on either side of the vertical-rain proof. Spraying – proof.
\triangle	IPX4	Protects from water splashed from all directions – splash – proof.
	IPX5	Protects from low-pressure jets of water from all directions – jet – proof .
	IPX6	Protects against heavy seas or strong jets of water.
••	IPX7	Protects against temporary immersion down to 1 metre – water-tight. Not for permanent immersion.
å å m	IPX8	Protects against permanent immersion at specified water depth – pressure water-tight.

APPENDIX IP Regulations

BATHROOMS & OTHERS WET AREAS

Areas within bathrooms, showers and other wet areas require particular Ingress Protection (IP) ratings for light fittings, depending on precisely where they are located. The drawing shows the various Zones which are covered.







Zone 0

This is the area inside the bath or shower – fittings used here should be rated **IPX7**.

Zone 1

This refers to the area above the bath or shower up to a height of 2.25 meters – fittings here should have a minimum rating of **IPX4**.

Zone 2

This covers an area 0.6 metres wide, immediately next to, and all around zone 1, plus the area above 2.25 metres over the bath or shower. Wash basins should be treated as Zone 2. The minimum rating here is **IPX4**. Where waters jets are likely to be used for cleaning purposes in Zones 1 & 2, the rating is minimum **IPX5**.

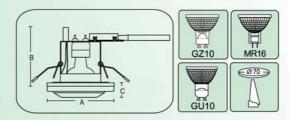
Zone 3

This areas has no special requirements, unless water jets are likely to be used for cleaning purposes, Equipment installed outside zones0, 1, 2 & 3 must be suitable for the conditions ost likely to prevail at that particular point.

BATHROOM Downlights







- Voltage: 230V, 12V
- Wattage: Max.50W
- Lamp type: MR16 / GZ10 / GU10
 Construction: Tempered glass, with aluminium die cast ring, zinc alloy die cast body
 • IP Rating: IP55

SL514A

Recessed Mount



SL514B

Recessed Mount



Recessed Mount





MODEL	WATT	DIMENSION (mm) A × B × C	IND. BOX (mm)	OUTER CARTON (mm) DIMENSION / PCS.	WEIGHT G.W.	(kg) N.W.
SL514	50	104 x 83 x 11	140 x 106 x 134	700 x 325 x 240 / 20	13.7	12.2
SL514A	50	104 x 83 x 15	140 x 106 x 134	700 x 325 x 240 / 20	13.7	12.2
SL514B	50	104 x 83 x 15	140 x 106 x 134	700 x 325 x 240 / 20	13.7	12.2
SL514C	50	104 x 83 x 17	140 x 106 x 134	700 x 325 x 240 / 20	13.7	12.2

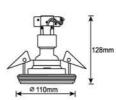
BATHROOM Downlights

SL511

C M T BL

Recessed Mount







WEIGHT (KG) G.W. / N.W.: 19.2 / 17 kg

· Completed with White, Brass & Chrome trims

SL512

Recessed Mount







VOLTAGE: 230V, 12V WATTAGE: Max. 50W LAMP TYPE: MR16/GZ10/GU10 Aluminium & frosted glass CONSTRUCTION: IP RATING: IND. BOX: 100 x 100 x 95 mm CTN SIZE / PCS.: 400 x 220 x 495 mm /40 pcs. WEIGHT (KG) G.W. / N.W.: 17.6 / 15.2 kg

CASING COLOUR:







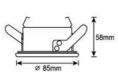


SL513

Recessed Mount



WH WHITE BRASS CR CHROME SN SATIN NICKEL





CASING COLOUR:

VOLTAGE: 230V, 12V WATTAGE: Max. 50W LAMP TYPE: MR16 / GZ10 / GU10 CONSTRUCTION: Aluminium die cast IP RATING: IND. BOX: 90 x 90 x 74 mm CTN SIZE / PCS.: 470 x 200 x 390 mm / 50 pcs. WEIGHT (KG) G.W. / N.W.: 16.6 / 14.5 kg

PDL2009

Recessed / Surface Mount





PDL 2009R







12V VOLTAGE: WATTAGE: **MAX. 20W** LAMP TYPE: JC Capsule G4 CONSTRUCTION: Polycarbonate IP RATING: 100 x 100 x 47 mm IND. BOX: CTN SIZE / PCS.: 520 x 210 x 490 mm / 100 pcs. WEIGHT (KG) G.W. / N.W.: 7.5 / 6 kg

CASING COLOUR:





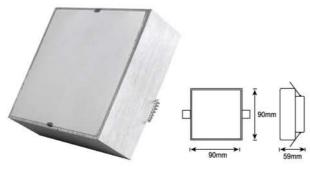






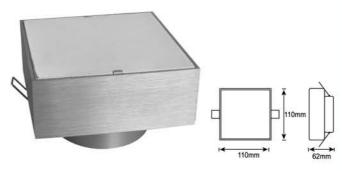
BATHROOM Downlights

ADL90S-LV Semi-recessed Mount





ADL110S-LV Semi-recessed Mount





ADL90R-LV Semi-recessed Mount





ADL140R-LV Semi-recessed Mount



	VOLTAGE:	12V
₽ I	WATTAGE:	Max. 50W
MR16	LAMP TYPE:	MR16
65	CONSTRUCTION:	Glass and Aluminium casing
	IP RATING:	IP44
	IND. BOX:	145 x 145 x 70 mm
	CTN SIZE / PCS.:	$745 \times 305 \times 380 \text{ mm} / 50 \text{ pcs.}$
	WEIGHT (KG) G.W	. / N.W.: 25 / 24 kg

BATHROOM Spot light IP44

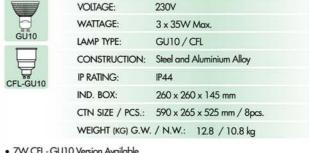
















		-
	VOLTAGE:	230V
H	WATTAGE:	3 x 35W Max.
GU10	LAMP TYPE:	GU10/CFL
	CONSTRUCTION:	Steel and Aluminium Alloy
L-GU10	IP RATING:	IP44
2 00 10	IND, BOX;	345 x 345 x 145 mm
	CTN SIZE / PCS.:	$700 \times 445 \times 350 \text{ mm} / 6 \text{pcs}.$
	WEIGHT (KG) G.W.	/ N.W.: 16.5 / 14.5 kg

C M

BATHROOM Ceiling Light

CLM101/102/103



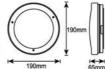
WEIGHT (KG) G.W. / N.W.: 7 / 5.5 kg

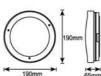


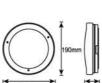
CLM101-DD10

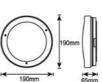
CLM101-E14

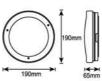












CLIVITO 1-E14			90mm 65mm
VOLTAGE:	230V		
WATTAGE:	10W	1	Max. 40W
LAMP TYPE:	DD	1	CANDEL E14
CONSTRUCTION:	Opal g	lass (diffuser and metal casing
IP RATING:	IP44		
IND. BOX:	220 x	100	x 220 mm
CTN SIZE / PCS.:	515 x	220	x 445 mm / 10 pcs.

CASING COLOUR: SN SATIN NICKEL



230V

21W

DD

IP44

WEIGHT (KG) G.W. / N.W.: 8 / 6.5 kg

CASING COLOUR: SATIN NICKEL

CTN SIZE / PCS.: 665 x 340 x 340 mm / 5 pcs.

CONSTRUCTION: Opal glass diffuser and metal casing

340 x 130 x 340 mm



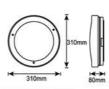
VOLTAGE:

WATTAGE:

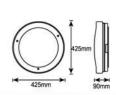
LAMP TYPE:

IP RATING:

IND. BOX:







VOLTAGE:	230V
WATTAGE:	28W/ 38W
LAMP TYPE:	DD
CONSTRUCTION:	Opal glass diffuser and metal casing
IP RATING:	IP44
IND. BOX:	450 x 140 x 450 mm
CTN SIZE / PCS.:	570 x 450 x 450 mm / 4 pcs.
WEIGHT (KG) G.W.	/ N.W.: 11.5 / 10 kg

CASING COLOUR: SN SATIN NICKEL

CL3T





AJ2031



			1 H	+
		VOLTAGE:	230V	
	¥	WATTAGE:	Max. 60W	
	GLS	LAMP TYPE:	GLS / CFL E27	
	Щ	CONSTRUCTION:	Opal glass diffuser and metal casing	
	CFL	IP RATING:	IP44	
	0.2	IND. BOX:	313 x 170 x 310 mm	
		CTN SIZE / PCS.:	330 x 530 x 640 mm / 6 pcs.	
		WEIGHT (KG) G.W	./N.W.: 11.2/9 kg	
(CASING COLO	UR: SATIN NICKEL		



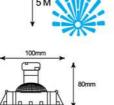
BATHROOM PIR Downlight & Mirror Light

PIR Sensor Downlight









AC-6001/PIR100





Display Arm Light



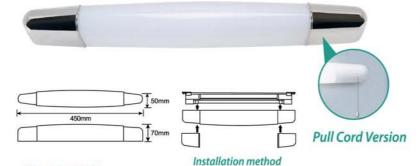


CONSTRUCTION: Glass, metal and aluminium alloy casing IP RATING: 105 x 90 x 150 mm IND. BOX: CTN SIZE / PCS.: 545 x 470 x 330 mm / 50 pcs. WEIGHT (KG) G.W. / N.W.: 12.5 / 11.5 kg CASING COLOUR: CHROME



BATHROOM Mirror Light

T4 Fluorescent Mirror Light







MLV10W

VOLTAGE:	230V
WATTAGE:	10W
LAMP TYPE:	T4 triphosphor fluoresccent tube(included)
CONSTRUCTION:	PC casing with PMMA diffuser
IP Rating:	20
IND. BOX:	563 x 73 x 53 mm
CTN SIZE / PCS.:	590 x 400 x 265 mm / 20pcs
WEIGHT (KG) G.W.	. / N.W.: 13 / 10 kg

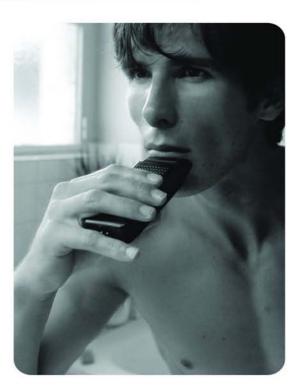
MLV16W

230V
16W
688 x 73 x 53 mm
710 x 400 x 265 mm / 20pcs
. / N.W.: 14 / 10.4 kg

* Pull Cord Model: MLV16WPS

Shaver Light





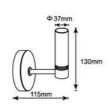


BATHROOM Mirror/Wall light

WL401-CH

C M T BL







VOLTAGE: 230V WATTAGE: Max. 25W LAMP TYPE: JCD G9

CONSTRUCTION: Glass, metal and aluminium casing

IP RATING: IP20

IND. BOX: 80 x 80 x 135 mm

CTN SIZE / PCS.: 505 x 340 x 300 mm / 50 pcs. WEIGHT (KG) G.W. / N.W.: 12.83 / 11.83 kg







WL405-CH







VOLTAGE: 230V WATTAGE: Max. 25W

LAMP TYPE: JCD G9

CONSTRUCTION: Glass, metal and aluminium casing

IP RATING: IP20

IND. BOX: 160 x 85 x 125 mm

CTN SIZE / PCS.: 360 x 335 x 405 mm / 50 pcs. WEIGHT (KG) G.W. / N.W.: 8.78 / 7.78 kg

CASING COLOUR: BRASS CR CHROME SN SATIN NICKEL

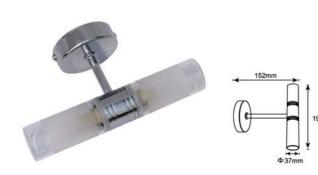








WL404-CH



VOLTAGE: 230V

WATTAGE: 2 x 25W Max.

LAMP TYPE: JCD G9

CONSTRUCTION: Glass, metal and aluminium casing

IP RATING: IP20

IND. BOX: 130 x 85 x 180 mm

CTN SIZE / PCS.: 520 x 275 x 390 mm / 50 pcs. WEIGHT (KG) G.W. / N.W.: 11.93 / 10.93 kg









WL407-CH





VOLTAGE: 230V

WATTAGE: 2 x 25W Max.

LAMP TYPE: JCD G9

CONSTRUCTION: Glass, metal and aluminium casing

IP RATING: IP20

IND. BOX: 130 x 85 x 180 mm

CTN SIZE / PCS.: $520 \times 275 \times 539 \text{ mm} / 50 \text{ pcs}$. WEIGHT (KG) G.W. / N.W.: 11.93 / 10.93 kg

CASING COLOUR: BRASS CR CHROME SN SATIN NICKEL

















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