Underwater Lighting
By Emaux

With over 35 years of solid experience and expertise together with our devoted staffs, Emaux has evolved from a Swimming Pool and Spa Equipment manufacturer to a company that is focused in Water Technology. A company that provides solutions to clients in water related issues

Your solution in water technology

EMAUX®
Water Technology

www.emaux.com.au

EMAUX® Water Technology

Plastic Underwater Light: TP100 Series

Features

- Material: ABS + UV stabilizer
- Cable: 2.5m
- Waterproof: IP68
- Installation: Wall Mounted (Flat type)

Code	Model No	Description	Watt/Voltage	Lumination (LUX)	Remarks
88040602	UL-TP100	Octagonal Underwater Light, Halogen Light Bulb, For Concrete Pool & Vinyl Pool	75W / 12V	400(Red) 300(Green) 240(Blue) 680(No lens)	Colour lens (Red/Green/Blue)
88040652	LED-TP100	Octagonal Underwater Light, 198 LEDs light panel, For Concrete Pool & Vinyl Pool	8W / 12V	250(Colour) 180(White)	Auto Colour Change / White

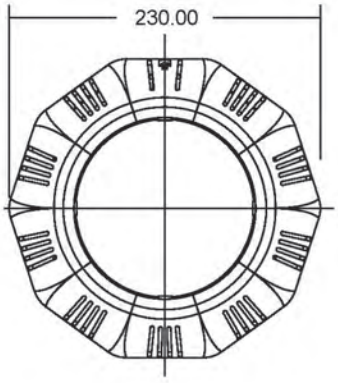
UL-TP100

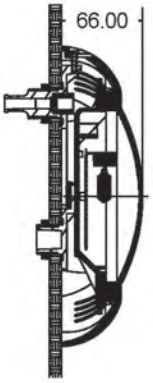
LED-TP100

Gradual Colour Change

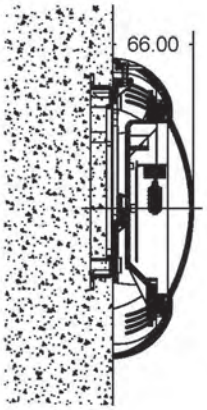
RoHS COMPLIANT 2002/95/EC

SAA





For Vinyl Pool



For Concrete Pool

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EMAUX® Water Technology

UL-DP100

LED-DP100

CE RoHS COMPLIANT 2002/95/EC

Colour lens for UL-P100

198 LEDs light panel

Halogen light bulb

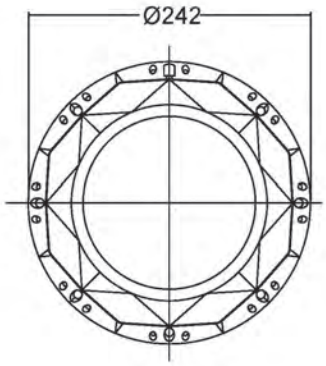
Plastic Underwater Light: DP100 Series

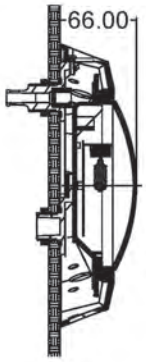
Features

- Material: ABS + UV stabilizer
- Cable: 2.5m
- Waterproof: IP68
- Installation: Wall Mounted (Flat type)

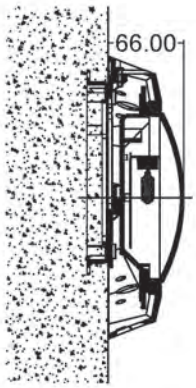
Code	Model No	Description	Watt/Voltage	Lumination (LUX)	Remarks
88042202	UL-DP100	Diamond Shaped Underwater Light, Halogen Light Bulb, For Concrete Pool & Vinyl Pool	75W / 12V	320(Red) 280(Green) 200(Blue) 500(No lens)	Colour lens (Red/Green/Blue)
88042252	LED-DP100	Diamond Shaped Underwater Light, 198 LEDs light panel, For Concrete Pool & Vinyl Pool	8W / 12V	250(Colour) 180(White)	Auto Colour Change / White

Gradual Colour Change





For Vinyl Pool



For Concrete Pool

LED Panel & Light bulb for P100 / TP100 / DP100 Series

Code	Model No	Description	Watt/Voltage	Lumination (LUX)	Remarks
01221002	N/A	Colour lens for UL-P100	N/A	N/A	Red/Green/Blue
04011020	N/A	198 LEDs light panel for LED-P100 / LED-TP100 / LED-DP100	8W / 12V	N/A	Colour Change
04011014	N/A	198 LEDs light panel for LED-P100 / LED-TP100 / LED-DP100	8W / 12V		White Colour
04011002	N/A	Halogen light bulb for UL-P100 / UL-TP100 / UL-DP100	75W / 12V	N/A	Yellow Light

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EMAUX® Water Technology

Plastic Spa Light: P50 Series

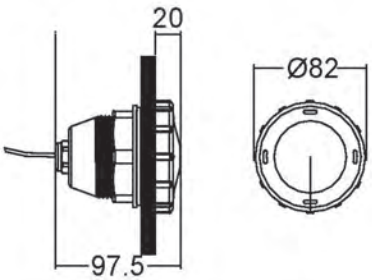
Features

- Material: Plastic
- Cable: 1.5m
- Waterproof: IP68
- Installation: Wall Mounted (Housing type)

Code	Model No	Description	Watt/Voltage	Lumination (LUX)	Remarks
88040101	UL-P50	MR16 Halogen lamp SPA light	20W / 12V	220(Red) 260(Green) 100(Blue) 700(No lens)	Colour lens (Red/Green/Blue)
88041101	LED-P50	MR16 (18Bulbs) LED SPA light	1W / 12V	120(Colour) 70(White)	Auto Colour Change / White

UL-P50

LED-P50

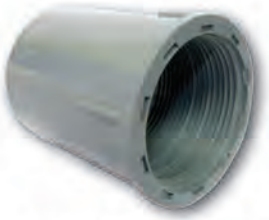


Gradual Colour Change

CE RoHS COMPLIANT 2002/95/EC

LED Panel & Light bulb for P50 Series

Code	Model No	Description	Watt/Voltage	Lumination (LUX)	Remarks
01150046	N/A	Concrete Housing for UL-P50 Light	-	N/A	2 inch
04011016	N/A	MR16 Two-pin 18LEDs Bulb	1W / 12V		Auto Colour Change
04011015	N/A	MR16 Two-pin 18LEDs Bulb	1W / 12V		White Colour
04011001	N/A	MR16 Halogen lamp	20W / 12V	N/A	Colour lens (Red/Green/Blue)



Concrete Housing for UL-P50 Light

MR16 Two-pin 18LEDs Bulb

MR16 Halogen lamp

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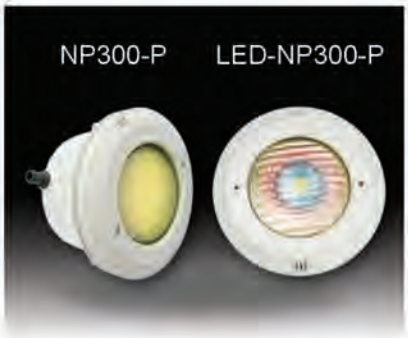
EMAUX® Water Technology



Plastic Underwater Light with Housing: NP300 Series

The Emaux NP300 using the well known PAR 56 lamp format. High luminosity light bulb or power efficient LED with stunning colour changing effect.

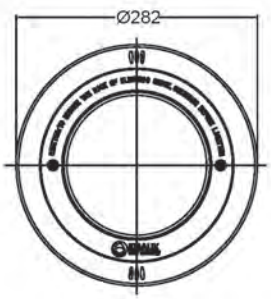
Features

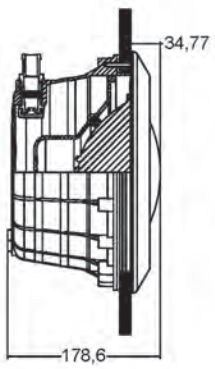
- Stainless steel face ring available
- Halogen or LEDs bulb
- Suitable for concrete, vinyl and fiberglass pool
- Waterproof: IP68
- Installation: Wall Mount (Housing type)

CE SAA

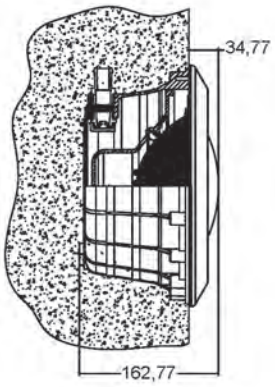
Code	Model No	Description	Watt/Voltage	Lumination (LUX)	Remarks
88041605	NP300-P	Par56 Light Bulb (Standard), Plastic face ring	300W/ 12V	9300	White Color
88041612	NP300-P	Par56 Light Bulb (General Electric), Plastic face ring	300W/ 12V		White Color
88041651	LED-NP300-P	Par56 (144 Bulbs) LED, Plastic face ring	10W/ 12V	270(Colour) 200(White)	Auto Colour Change / White
88041653	LED-NP300-P	Par56 (252 Bulbs) LED, Plastic face ring	16W/ 12V	590(Colour) 400(White)	Auto Colour Change / White
88045305	NP300-S	Par56 Light Bulb (Standard), Stainless Steel face ring	300W/ 12V	9300	White Color
88045312	NP300-S	Par56 Light Bulb (General Electric), Stainless Steel face ring	300W/ 12V		White Color
88045351	LED-NP300-S	Par56 (144 Bulbs) LED , Stainless Steel face ring	10W/ 12V	270(Colour) 200(White)	Auto Colour Change / White
88045353	LED-NP300-S	Par56 (252 Bulbs) LED, Stainless Steel face ring	16W/ 12V	590(Colour) 400(White)	Auto Colour Change / White
89041608	N/A	Vinyl pool fitting for NP300	N/A	-	N/A
89041609	N/A	NP300 Stainless Steel face ring	N/A	-	N/A
01050010	N/A	Lights Niche for NP300	N/A	-	N/A

NP300 Light Niche





For Vinyl Pool



For Concrete Pool

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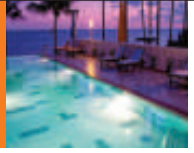
Water for life and leisure

E-Lumen High Power LED Light

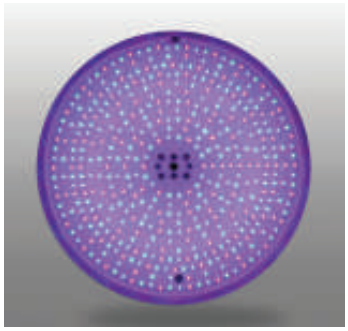


Emaux water technology

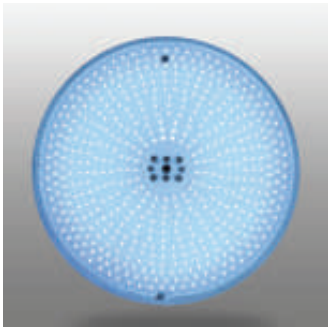
E-Lumen Ultra-Thin LED panel

The Ultra-Thin LED panel carries the latest LED development on the market; it has the most energy efficiency and luminous efficiency technology. The convenient plug-n-play panel kit replaces most of the underwater lights in the market; by only unscrewing few bolts of your old and energy costly light bulb with Ultra-Thin LED panel.

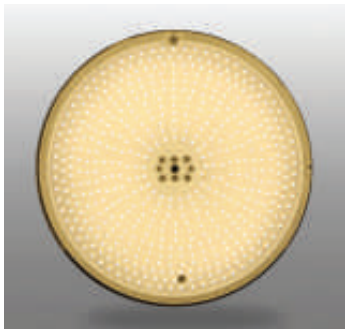
Ultra-Thin 400 LED



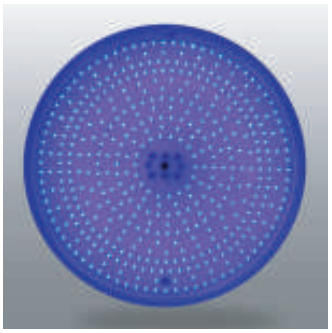
RGB



Cool White

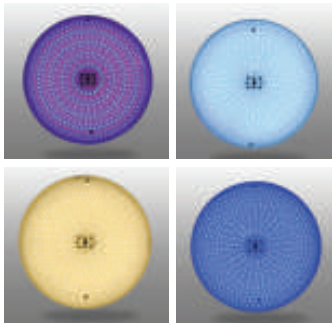


Warm White

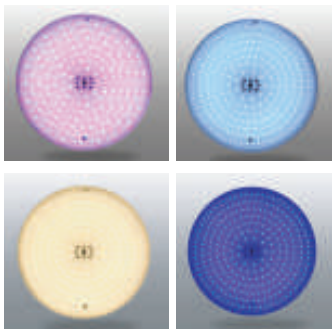


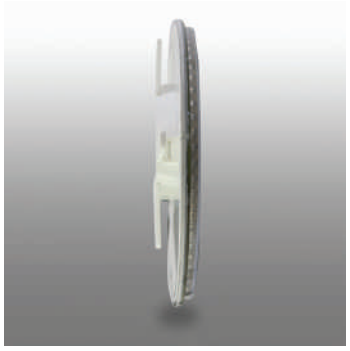
Single Blue

Ultra-Thin 500 LED



Ultra-Thin 200 LED





Ultra-Thin Side View

Ultra-Thin Front View

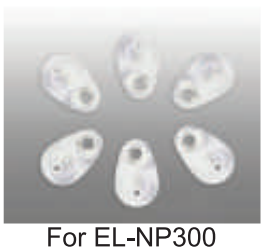
Ultra-Thin Back View

Technology & Features

- Resin filled LED panel allows 100% water proofing
- Ultra-Thin LED panel has 25,000 hours lifetime, 10 times more than halogen bulb
- More brightness (lumens) for less watts
- Cool-operating LED panel focused on producing brightness, compared to other lights that 90% of energy is wasted on their heats
- Unlike other LED lights, Ultra-Thin LED panel keeps working even a single LED bulb goes out
- Simple bolts fixing fittings are provided to replace PAR56 type of pool and spa underwater lights
- European & American niches compatible
- EMAUX remote control box compatible

Fixing Fittings

For E-Lumen



For EL-NP300

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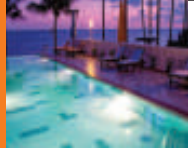
Water for life and leisure

E-Lumen High Power LED Light



Emaux water technology

Complete Light Model for Ultra-Thin LED Panel

E-Lumen

EL-NP300

EL-S300

EL-H200

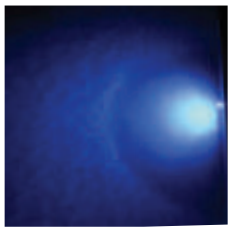
Lighting effect

- E-Lumen Ultra-Thin LED panel available in color: RGB (Red, Green Blue), Warm White, Cool White, as well as Single Blue
- RGB model features 6 brilliant rich colors customized the mood of pool with owner's preference, and 8 colors pre-programmed light show delivers Dazzling Rainbow and Smooth Fading effects

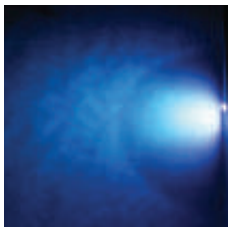
Color Changing Options

Product Code and Specification

Code	Model No	Description	Watt/Voltage	Lumination (LUX)	Color
89045529	UltraThin-200 LED	UltraThin LED panel 20W/12V 252 leds cool white	20W/12V	415	Cool White (20000K)
89045528	UltraThin-200 LED	UltraThin LED panel 20W/12V 252 leds warm white	20W/12V	346	Warm White (4000K)
89045531	UltraThin-200 LED	UltraThin LED panel 20W/12V 252 leds single blue	20W/12V	166	Single Blue
89045530	UltraThin-200 LED	UltraThin LED panel 20W/12V 252 leds RGB	20W/12V	52	RGB - 14 Modes
89045513	UltraThin-400 LED	UltraThin LED panel 35W/12V 441 leds cool white	35W/12V	613	Cool White (20000K)
89045522	UltraThin-400 LED	UltraThin LED panel 35W/12V 441 leds warm white	35W/12V	550	Warm White (4000K)
89045523	UltraThin-400 LED	UltraThin LED panel 35W/12V 441 leds single blue	35W/12V	273	Single Blue
89045514	UltraThin-400 LED	UltraThin LED panel 35W/12V 441 leds RGB	35W/12V	78	RGB - 14 Modes
89045526	UltraThin-500 LED	UltraThin LED panel 50W/12V 531 leds cool white	50W/12V	634	Cool White (20000K)
89045524	UltraThin-500 LED	UltraThin LED panel 50W/12V 531 leds warm white	50W/12V	608	Warm White (4000K)
89045525	UltraThin-500 LED	UltraThin LED panel 50W/12V 531 leds single blue	50W/12V	316	Single Blue
89045527	UltraThin-500 LED	UltraThin LED panel 50W/12V 531 leds RGB	50W/12V	158	RGB - 14 Modes



EL-NP300



EL-S300

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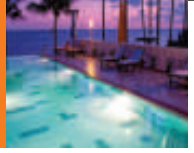
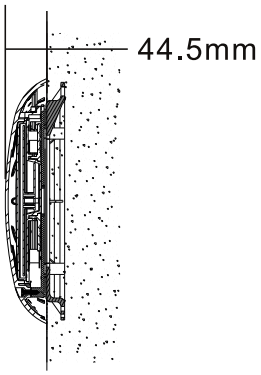
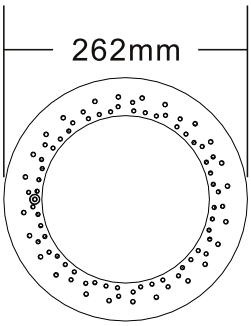


Emaux water technology

E-Lumen Underwater Light

EMAUX's E-Lumen underwater light is the industrial leading Nicheless LED pool and spa light, designed to delivery brilliant and vibrant colors by a single light.
The single color options maximize the brightness of your pool. The party themes run through your pool and spa by E-Lumen 6 brilliant rich colors and 8 colors pre-programmed light show. The superior designed lens gives the easy access and higher efficiency to maintain the condition with pool cleaners.





IP68 CE RoHS

Mounting Bracket

Mounting Plate

Product Features

- Combines Ultra-Thin LED panel technology
- Superior geometric lens strengthen the light beam throughout the wide angle lens and lighten the entire pool
- Up to 25,000 hours lifetime, 10 times more than traditional lights
- Unlike other LED lights, E-Lumen keeps working even a single LED bulb goes out
- Change the mood of your pool and spa by pressing on/off button
- Waterproof Standard: IP68
- With 2.5m safety rubber cable

Intelligent Design, User-Friendly Installation & Operation:

With the best LED technology, Nicheless E-Lumen mounts directly on the wall for simply installation. Only required few bolts, this is the most convenience choice of professional underwater light.

- Direct wall-mount design for simple installation
- Concrete & Vinyl Pool Compatible
- Light-duty of power usage works well with any standard/ your existing transformer
- EMAUX's lighting control box (RGB-CB) with remote allows you to manage the pool with an easygoing, relaxed lifestyle

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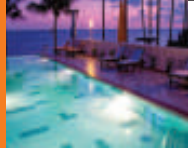
Water for life and leisure

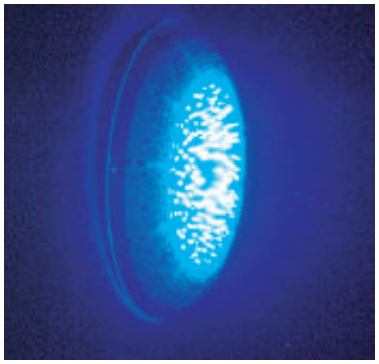
E-Lumen High Power LED Light



Emaux water technology

Product Code and Specification

Code	Model No	Description	Watt/Voltage	Lumination (LUX)	Remarks
88045560	E-Lumen-252	Wall Mounted Light 252 leds cool white	20W/12V	346	Cool White (20000K)
88045561	E-Lumen-252	Wall Mounted Light 252 leds warm white	20W/12V	415	Warm White (4000K)
88045565	E-Lumen-252	Wall Mounted Light 252 leds single blue	20W/12V	52	Single Blue
88045559	E-Lumen-252	Wall Mounted Light 252 leds RGB	20W/12V	166	RGB - 14 Modes
88045555	E-Lumen-441	Wall Mounted Light 441 leds cool white	35W/12V	550	Cool White (20000K)
88045558	E-Lumen-441	Wall Mounted Light 441 leds warm white	35W/12V	613	Warm White (4000K)
88045566	E-Lumen-441	Wall Mounted Light 441 leds single blue	35W/12V	78	Single Blue
88045554	E-Lumen-441	Wall Mounted Light 441 leds RGB	35W/12V	273	RGB - 14 Modes
88045563	E-Lumen-531	Wall Mounted Light 531 leds cool white	50W/12V	608	Cool White (20000K)
88045564	E-Lumen-531	Wall Mounted Light 531 leds warm white	50W/12V	634	Warm White (4000K)
88045567	E-Lumen-531	Wall Mounted Light 531 leds single blue	50W/12V	158	Single Blue
88045562	E-Lumen-531	Wall Mounted Light 531 leds RGB	50W/12V	316	RGB - 14 Modes



Actual Effect

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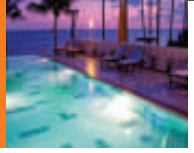


Emaux water technology

EL-NP300 Series Underwater Light

EMAUX's EL-NP300 combines E-Lumen Ultra-Thin LED panel with high strength and corrosive resistant plastic niches. EL-NP300 models feature the high-power Ultra-Thin LED panel to replace the former PAR56 light bulb.

With the latest LED technology, EL-NP300 consumes lower Watt but offers higher lumination. The lifetime of EL-NP300 has 10 times more than other Halogen underwater lights and better lighting effect with the new LED technology. Also, the cool-running Ultra-Thin LED light provides the flexibility to build a stronger waterproof lighting system for longer use.

Thanks to the Ultra-Thin LED panel, EL-NP300 has simple installations with plug-n-play panel kit. Colors available in Warm Light (4000k), White Light (20000k), Blue Light, and RGB Color Light.

EL-NP300
Stainless Steel

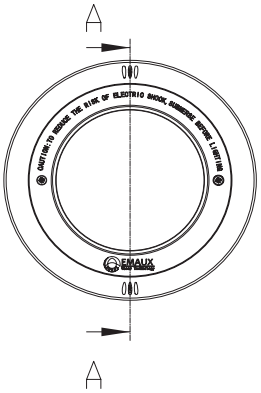
EL-NP300
Plastic

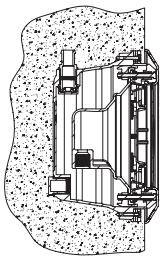
Light Niche

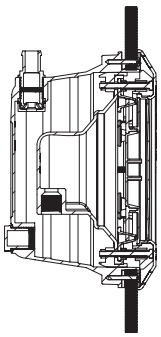
Technology & Features

- Niche light with Plastic face ring or Stainless Steel face ring
- Energy Efficiency and Luminous Efficiency LED technology
- Concrete, Vinyl, and Fiberglass Pool Compatible
- Waterproof: IP68

Plastic Face Ring







Stainless Steel Face Ring

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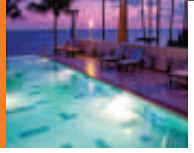


Emaux water technology

EL-H200 Series Underwater Light

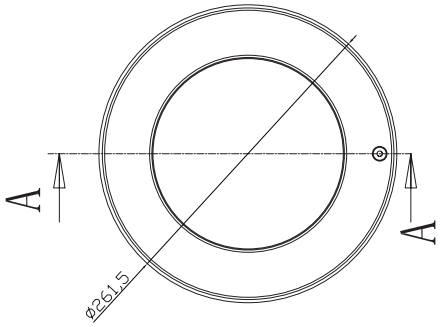
This round shaped light is a combination of stainless steel face ring and slim plastic niche to achieve the simplicity yet elegant. The slim niche is designed to fit any pool structure with thin concrete wall. With Ultra-Thin LED panel the EL-H200 offers a smooth front plate but a superior lighting effect in your swimming pool.

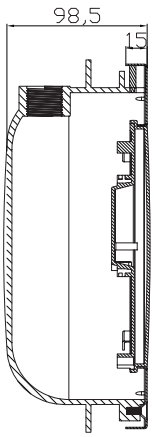
Technology & Features

- 304 stainless steel face ring
- Slim plastic niche
- Energy Efficiency and Luminous Efficiency LED technology
- Concrete Pool Compatible
- Waterproof: IP68

EL-H200

Light Niche





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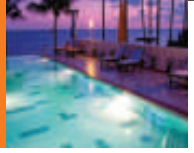
Water for life and leisure

E-Lumen High Power LED Light



Emaux water technology

Product Code and Specification

Code	Model No	Description	Watt/Voltage	Lumination (LUX)	Remarks
88046460	EL-H200-252	S/S 304 Light with Housing, 252 leds cool white	20W/12V	450	Cool White (20000K)
88046461	EL-H200-252	S/S 304 Light with Housing, 252 leds warm white	20W/12V	535	Warm White (4000K)
88046465	EL-H200-252	S/S 304 Light with Housing, 252 leds single blue	20W/12V	64	Single Blue
88046459	EL-H200-252	S/S 304 Light with Housing, 252 leds RGB	20W/12V	222	RGB - 14 Modes
88046455	EL-H200-441	S/S 304 Light with Housing, 441 leds cool white	35W/12V	690	Cool White (20000K)
88046458	EL-H200-441	S/S 304 Light with Housing, 441 leds warm white	35W/12V	785	Warm White (4000K)
88046466	EL-H200-441	S/S 304 Light with Housing, 441 leds single blue	35W/12V	100	Single Blue
88046454	EL-H200-441	S/S 304 Light with Housing, 441 leds RGB	35W/12V	372	RGB - 14 Modes
88046463	EL-H200-531	S/S 304 Light with Housing, 531 leds cool white	50W/12V	795	Cool White (20000K)
88046464	EL-H200-531	S/S 304 Light with Housing, 531 leds warm white	50W/12V	805	Warm White (4000K)
88046467	EL-H200-531	S/S 304 Light with Housing, 531 leds single blue	50W/12V	222	Single Blue
88046462	EL-H200-531	S/S 304 Light with Housing, 531 leds RGB	50W/12V	434	RGB - 14 Modes

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Auto Color Change

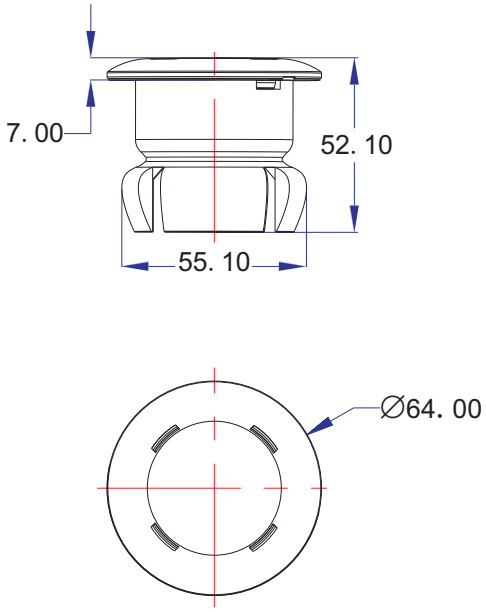
White Light

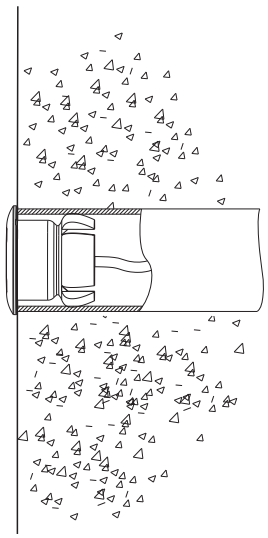
Plastic Underwater Light: LED-P10

Features

- Material: ABS + UV stabilizer
- Cable: 3m
- Waterproof: IP68
- Installation: with 2”PVC pipe

Code	Model No	Description	Watt/Voltage	Lumination (LUX)	Remarks
88041939	LED-P10	18 LEDs Bulb,For Concrete Pool	1W / 12V	124	Auto Color Change
88041940	LED-P10	18 LEDs Bulb,For Concrete Pool	1W / 12V	170	White Light





For Concrete Pool

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Emaux
water technology

E-Lumen Compact

LED Underwater Light

RGB Cool White Warm White Single Blue

Technology & Feature

- Resin-filled LED panel allows 100% water proofing
- Concrete, Vinyl Pool, Fiberglass Pool & Liner Pool Compatible
- Durable ABS structure with high quality PC transparent lid
- IP68 Waterproof Standard

RGB Modes:

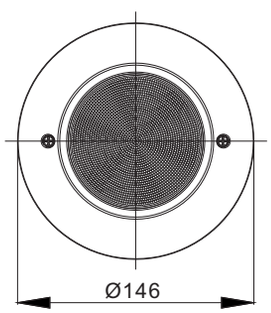
Blue & Red
Red & Green
Green & Blue
Auto Colour Change
Four Colour Sequences Change
and more……

Product Code & Specification

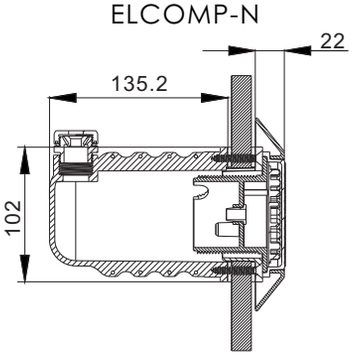
E-Lumen Compact

Code	Model No	Description	Watt/ Voltage	Lumination (LUX)	Remarks
88048379	ELCOMP-N	Plastic Light with Housing, 99 LEDs RGB	10W/12V	90	RGB
88048380	ELCOMP-N	Plastic Light with Housing, 99 LEDs Cool White	10W/12V	200	Cool White
88048381	ELCOMP-N	Plastic Light with Housing, 99 LEDs Warm White	10W/12V	212	Warm White
88048382	ELCOMP-N	Plastic Light with Housing, 99 LEDs Single Blue	10W/12V	20	Single Blue
88048479	ELCOMP	Plastic Light Nichless, 99 LEDs RGB	10W/12V	90	RGB
88048480	ELCOMP	Plastic Light Nichless, 99 LEDs Cool White	10W/12V	200	Cool White
88048481	ELCOMP	Plastic Light Nichless, 99 LEDs Warm White	10W/12V	212	Warm White
88048482	ELCOMP	Plastic Light Nichless, 99 LEDs Single Blue	10W/12V	20	Single Blue

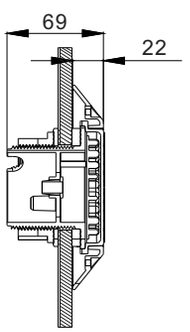
Dimension & Installation



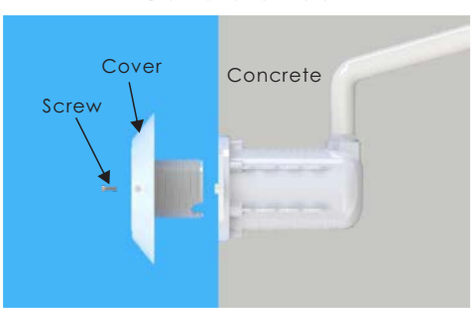
ELCOMP-N



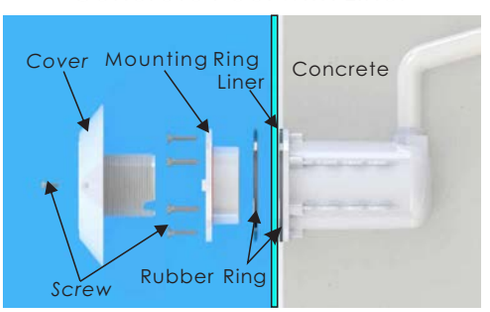
ELCOMP



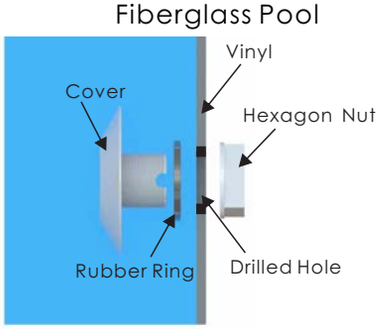
Concrete Pool



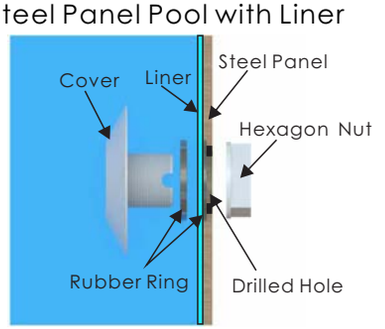
Concrete Pool with Liner



Fiberglass Pool



Steel Panel Pool with Liner



CE RoHS COMPLIANT 2002/95/EC SAA

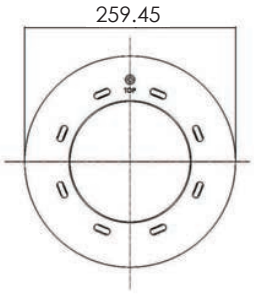
CP100 SERIES LIGHT

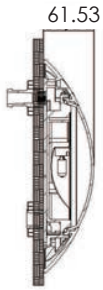
Features

1. Material：ABS with UV resistant
2. Cable：2.5m
3. Water Proofing level：IP68
4. Installation：Flat Mount Light

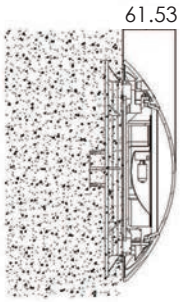
CP-100

Code	Model No	Description	Watts/ Voltage	Lumination /Lux	Remark
88047806	UL-CP100	Round Plastic Light, Halogen Light Bulb for Concrete Pool & Vinyl Pool	75W/12V	480	White Colour
88047968	LED-CP100	Round Plastic Light, 102 LEDs Bulb for Concrete Pool & Vinyl Pool	6W/12V	300	White Colour
88047977	LED-CP100	Round Plastic Light, 102 LEDs Bulb for Concrete Pool & Vinyl Pool	6W/12V	300	Colour Change
88047976	LED-CP100	Round Plastic Light, 198 LEDs Bulb for Concrete Pool & Vinyl Pool	8W/12V	470	White Colour
88047978	LED-CP100	Round Plastic Light, 198 LEDs Bulb for Concrete Pool & Vinyl Pool	8W/12V	470	Colour Change





For Vinyl Pool



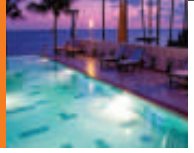
For Concrete Pool

LIGHT MOUNTING SET FOR CONCRETE LINER POOL

Features

1. For Concrete Liner Pool Mounting
2. Suitable for the below Light Models
   - E-Lumen series
   - LED-P100
   - UL-P100
   - LED-CP100
   - UL-CP100
   - LED-TP100
   - UL-TP100
   - UL-NS75
   - UL-NS150

Code	Description
08040021	Light Mounting Set for Concrete Liner Pool



Emaux water technology

EMAUX WATER TECHNOLOGY

Over 35 years of engineering experience in Water Technology, providing expert solution in all water related matters based on our innovative ideas, automated production processes, and professionalism. Emaux is the leading water technology company that incorporates R & D, Production, and Sales under one roof.

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