

High Quality  
High Performance



**CATALOGUE  
2013**



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### HL 8311 NANO

3U T2.2  
11W E27

- 220-240V / 50-60Hz
- Average Life: 8000 Hrs
- 500 Lm
- 2700 K / 6400 K



### HL 8315 MINI

3U T2.8  
15W E27

- 220-240V / 50-60Hz
- Average Life: 8000 Hrs
- 750 Lm / 730 Lm
- 2700 K / 6400 K



## Energy Saving Lamps



### HL 8315

3U T3.8  
15W E27

- 220-240V / 50-60Hz
- Average Life: 8000 Hrs
- 740 Lm
- 2700 K / 6400 K



### HL 8320

3U T3.6  
20W E27

- 220-240V / 50-60Hz
- Average Life: 8000 Hrs
- 990 Lm
- 2700 K / 6400 K



### HL 8325

3U T3.6  
25W E27

- 220-240V / 50-60Hz
- Average Life: 8000 Hrs
- 1250 Lm / 1230 Lm
- 2700 K / 6400 K



### HL 8411 MINI

4U T2.8  
11W E27

- 220-240V / 50-60Hz
- Average Life: 8000 Hrs
- 530 Lm / 500 Lm
- 2700 K / 6400 K



### HL 8415 NANO

4U T2.2  
15W E27

- 220-240V / 50-60Hz
- Average Life: 8000 Hrs
- 690 Lm
- 2700 K / 6400 K



### HL 8420 MINI

4U T3  
20W E27

- 220-240V / 50-60Hz
- Average Life: 8000 Hrs
- 1000 Lm / 980 Lm
- 2700 K / 6400 K



### HL 8434

4U T3.6  
34W E27

- 220-240V / 50-60Hz
- Average Life: 8000 Hrs
- 1700 Lm / 1680 Lm
- 2700 K / 6400 K







### HL 8609 NANO

HALF SPIRAL T2.2  
9W E27

- 220-240V / 50-60Hz
- Average Life: 8000 Hrs
- 430 Lm
- 2700 K / 6400 K



### HL 8611 NANO

HALF SPIRAL T2.2  
11W E27

- 220-240V / 50-60Hz
- Average Life: 8000 Hrs
- 530 Lm
- 2700 K / 6400 K



### HL 8615 NANO

HALF SPIRAL T2.2  
15W E27

- 220-240V / 50-60Hz
- Average Life: 8000 Hrs
- 730 Lm
- 2700 K / 6400 K



### HL 8620 NANO

HALF SPIRAL T2.2  
20W E27

- 220-240V / 50-60Hz
- Average Life: 8000 Hrs
- 980 Lm
- 2700 K / 6400 K



### HL 8623 NANO

HALF SPIRAL T2.2  
23W E27

- 220-240V / 50-60Hz
- Average Life: 8000 Hrs
- 1135 Lm
- 2700 K / 6400 K



### HL 8615 MINI

HALF SPIRAL T2.8  
15W E27  
BLUE, RED,  
GREEN, YELLOW

- 220-240V / 50-60Hz
- Average Life: 8000 Hrs
- 76 Lm (Red)
- 80 Lm (Blue)
- 360 Lm (Green)
- 380 Lm (Yellow)



### HL 8609 MICRO E14

HALF SPIRAL T2.6  
9W E14

- 220-240V / 50-60Hz
- Average Life: 8000 Hrs
- 435 Lm / 425 Lm / 425 Lm
- 2700 K / 4200 K / 6400 K



### HL 8609 MICRO E27

HALF SPIRAL T2.6  
9W E27

- 220-240V / 50-60Hz
- Average Life: 8000 Hrs
- 435 Lm / 425 Lm / 425 Lm
- 2700 K / 4200 K / 6400 K



### HL 8611 MINI E14

HALF SPIRAL T3  
11W E14

- 220-240V / 50-60Hz
- Average Life: 8000 Hrs
- 580 Lm / 570 Lm / 560 Lm
- 2700 K / 4200 K / 6400 K



### HL 8611 MINI E27

HALF SPIRAL T3  
11W E27

- 220-240V / 50-60Hz
- Average Life: 8000 Hrs
- 580 Lm / 570 Lm / 560 Lm
- 2700 K / 4200 K / 6400 K





### HL 8615 MINI E14

HALF SPIRAL T3  
15W E14

- 220-240V / 50-60Hz
- Average Life: 8000 Hrs
- 770 Lm / 760 Lm / 750 Lm
- 2700 K / 4200 K / 6400 K



### HL 8615 MINI E27

HALF SPIRAL T3  
15W E27

- 220-240V / 50-60Hz
- Average Life: 8000 Hrs
- 770 Lm / 760 Lm / 750 Lm
- 2700 K / 4200 K / 6400 K



### HL 8620

HALF SPIRAL T3.5  
20W E27

- 220-240V / 50-60Hz
- Average Life: 8000 Hrs
- 1040 Lm / 1030 Lm / 1020 Lm
- 2700 K / 4200 K / 6400 K



### HL 8625

HALF SPIRAL T3.8  
25W E27

- 220-240V / 50-60Hz
- Average Life: 8000 Hrs
- 1290 Lm / 1280 Lm / 1270 Lm
- 2700 K / 4200 K / 6400 K



### HL 8809 NANO E14

FULL SPIRAL T2.2  
9W E14

- 220-240V / 50-60Hz
- Average Life: 8000 Hrs
- 400 Lm
- 2700 K / 6400 K



### HL 8809 NANO E27

FULL SPIRAL T2.2  
9W E27

- 220-240V / 50-60Hz
- Average Life: 8000 Hrs
- 400 Lm
- 2700 K / 6400 K



### HL 8809 NANO G9

FULL SPIRAL T2.2  
9W G9

- 220-240V / 50-60Hz
- Average Life: 8000 Hrs
- 400 Lm
- 2700 K / 6400 K



### HL 8809 NANO GU10

FULL SPIRAL T2.2  
9W GU10

- 220-240V / 50-60Hz
- Average Life: 8000 Hrs
- 400 Lm
- 2700 K / 6400 K



### HL 8809 MICRO E14

FULL SPIRAL T2.5  
9W E14

- 220-240V / 50-60Hz
- Average Life: 8000 Hrs
- 420 Lm / 400 Lm
- 2700 K / 6400 K



### HL 8809 MICRO E27

FULL SPIRAL T2.5  
9W E27

- 220-240V / 50-60Hz
- Average Life: 8000 Hrs
- 420 Lm / 400 Lm
- 2700 K / 6400 K





### HL 8811 MICRO E14

FULL SPIRAL T2.5  
11W E14

- 220-240V / 50-60Hz
- Average Life: 8000 Hrs
- 500 Lm / 490 Lm / 480 Lm
- 2700 K / 4200 K / 6400 K



### HL 8811 MICRO E27

FULL SPIRAL T2.5  
11W E27

- 220-240V / 50-60Hz
- Average Life: 8000 Hrs
- 500 Lm / 490 Lm / 480 Lm
- 2700 K / 4200 K / 6400 K



### HL 8811 MINI E14

FULL SPIRAL T2.8  
11W E14

- 220-240V / 50-60Hz
- Average Life: 8000 Hrs
- 550 Lm / 540 Lm / 530 Lm
- 2700 K / 4200 K / 6400 K



### HL 8811 MINI E27

FULL SPIRAL T2.8  
11W E27

- 220-240V / 50-60Hz
- Average Life: 8000 Hrs
- 550 Lm / 540 Lm / 530 Lm
- 2700 K / 4200 K / 6400 K



### HL 8815 MINI E14

FULL SPIRAL T2.8  
15W E14

- 220-240V / 50-60Hz
- Average Life: 8000 Hrs
- 740 Lm / 730 Lm / 720 Lm
- 2700 K / 4200 K / 6400 K



### HL 8815 MINI E27

FULL SPIRAL T2.8  
15W E27

- 220-240V / 50-60Hz
- Average Life: 8000 Hrs
- 740 Lm / 730 Lm / 720 Lm
- 2700 K / 4200 K / 6400 K



### HL 8820

FULL SPIRAL T3.6  
20W E27

- 220-240V / 50-60Hz
- Average Life: 8000 Hrs
- 1040 Lm / 1030 Lm / 1020 Lm
- 2700 K / 4200 K / 6400 K



### HL 8825

FULL SPIRAL T3.8  
25W E27

- 220-240V / 50-60Hz
- Average Life: 8000 Hrs
- 1270 Lm / 1260 Lm / 1250 Lm
- 2700 K / 4200 K / 6400 K



### HL 8845

FULL SPIRAL T4.4  
45W E27

- 220-240V / 50-60Hz
- Average Life: 8000 Hrs
- 2280 Lm
- 2700 K / 6400 K



### HL 8865

FULL SPIRAL T5.2  
65W E27

- 220-240V / 50-60Hz
- Average Life: 8000 Hrs
- 2620 Lm
- 2700 K / 6400 K





**HL 8885 E27**

FULL SPIRAL T5.5  
85W E27

- 220-240V / 50-60Hz
- Average Life: 8000 Hrs
- 4150 Lm
- 2700 K / 6400 K




**HL 88105 E27**

FULL SPIRAL T5.6  
105W E27

- 220-240V / 50-60Hz
- Average Life: 8000 Hrs
- 5150 Lm
- 2700 K / 6400 K




**HL 8885 E40**

FULL SPIRAL T5.6  
85W E40

- 220-240V / 50-60Hz
- Average Life: 8000 Hrs
- 4150 Lm
- 2700 K / 6400 K




**HL 88105 E40**

FULL SPIRAL T5.6  
105W E40

- 220-240V / 50-60Hz
- Average Life: 8000 Hrs
- 5150 Lm
- 2700 K / 6400 K




**HL 8105 E14**

CANDLE  
5W E14

- 220-240V / 50-60Hz
- Average Life: 8000 Hrs
- 115 Lm
- 2700 K / 6400 K




**HL 8105 E27**

CANDLE  
5W E27

- 220-240V / 50-60Hz
- Average Life: 8000 Hrs
- 115 Lm
- 2700 K / 6400 K




**HL 8711R G5.3**

11W G5.3

- 220-240V / 50-60Hz
- Average Life: 10.000-15.000 Hrs
- 230 Lm
- 6400 K




**HL 8711R GU10**

11W GU10

- 220-240V / 50-60Hz
- Average Life: 10.000-15.000 Hrs
- 230 Lm
- 6400 K




**HL 8711D GU10**

11W GU10

- 220-240V / 50-60Hz
- Average Life: 10.000-15.000 Hrs
- 280 Lm
- 6400 K




**HL 8711D G5.3**

11W G5.3

- 220-240V / 50-60Hz
- Average Life: 10.000-15.000 Hrs
- 280 Lm
- 6400 K







**HL 8109**

R50  
9W E14

- 220-240V / 50-60Hz
- Average Life: 6.000 Hrs
- 215 Lm
- 2700 K / 6400 K




**HL 8111**

R63  
11W E27

- 220-240V / 50-60Hz
- Average Life: 6.000 Hrs
- 202 Lm
- 2700 K / 6400 K




**HL 8113**

R80  
13W E27

- 220-240V / 50-60Hz
- Average Life: 6.000 Hrs
- 260 Lm
- 2700 K / 6400 K





**HL 8740**

40W

- 220-240V / 50-60Hz
- Average Life: 8.000 Hrs
- 2400 Lm
- 6400 K





**HL 8720**

20W

- 220-240V / 50-60Hz
- Average Life: 8.000 Hrs
- 1200 Lm
- 6400 K





**PL**

7W (290 Lm)  
9W (440 Lm)  
11W (520 Lm)

- 220-240V / 50-60Hz
- Average Life: 8.000 Hrs
- 2700 K / 6400 K





**PLC**

10W (470 Lm)  
13W (610 Lm)  
18W (850 Lm)  
26W (1200 Lm)


- 220-240V / 50-60Hz
- Average Life: 8.000 Hrs
- 2700 K / 6400 K






**T5 DAYLIGHT**

6W  
8W  
13W  
21W  
28W





**T5 BLB**

6W  
8W


**HOZ ELECTRIC**

**Fluorescent Tubes**






**T8 BLB**

18W  
36W

**T8 DAYLIGHT**


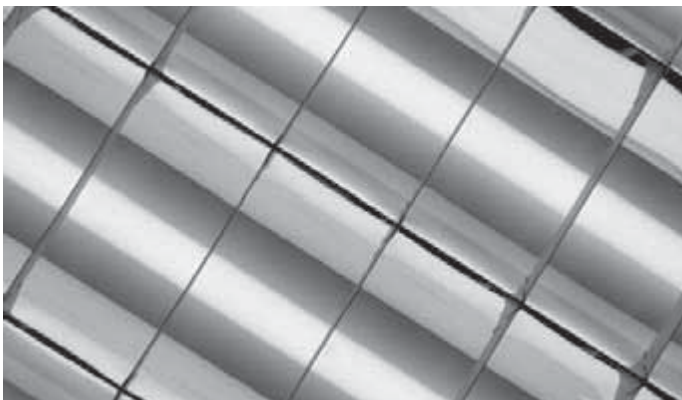
10W  
15W  
18W  
30W  
36W  
58W

**T8 COLOR**

18W  
36W

RED  
GREEN  
BLUE


**T5 CIRCLE**

32W  
DAYLIGHT




**ADAPTER & T5 CIRCLE**

32W  
DAYLIGHT




**T9 CIRCLE**

32W  
DAYLIGHT





### MR11 OPEN

20W OPEN  
35W OPEN

● 220-240V / 50-60Hz



### MR11 OPEN

20W OPEN  
35W OPEN

● 12V



## Halogen Lamps



### MR11 CLOSED

20W CLOSED  
35W CLOSED

● 12V



### MR16 OPEN

20W OPEN  
35W OPEN  
50W OPEN

● 12V



### MR16 CLOSED

20W CLOSED  
35W CLOSED  
50W CLOSED

● 12V



### MR16 COLOR

50W CLOSED, RED  
50W CLOSED, BLUE  
50W CLOSED, GREEN  
50W CLOSED, YELLOW

● 12V



### JCDR OPEN

35W OPEN  
50W OPEN  
75W OPEN

● 220-240V / 50-60Hz



### JCDR CLOSED

35W CLOSED  
50W CLOSED  
75W CLOSED

● 220-240V / 50-60Hz



### GU10

35W  
50W

● 220-240V / 50-60Hz





**JC D G6.35**

35W  
50W  
75W

- 220-240V / 50-60Hz




**JC G6.35**

50W


- 12V




**JC G4**

10W  
20W  
35W


- 12V

**G9 FROST**

25W  
40W

- 220-240V / 50-60Hz




**JC G4 WHITE**

20W

- 12V




**G9 CLEAR**

25W  
40W

- 220-240V / 50-60Hz




**G9 WHITE**


25W  
40W

- 220-240V / 50-60Hz



**HALOGEN LAMPS**

- 220-240V / 50-60Hz



**254mm**  
1500W, 2000W

**189mm**  
1000W

**118mm**  
200W, 300W, 500W

**78mm**  
100W, 150W





○ WHITE 6400K  
 ○ COOL WHITE 4200K  
 ● RED  
 ● GREEN  
 ● BLUE  
 ● YELLOW



**JCDR POWER LED**

1x3W

- 220-240V / 50-60Hz
- Average Life: 60.000 - 80.000 Hrs




○ WHITE 6400K  
 ○ COOL WHITE 4200K  
 ● RED  
 ● GREEN  
 ● BLUE  
 ● YELLOW




**GU10 POWER LED**





1x3W

- 220-240V / 50-60Hz
- Average Life: 60.000 - 80.000 Hrs



**LED Lamps  
LED Tubes**

○ WHITE 6400K  
 ○ COOL WHITE 4200K  
 ● RED  
 ● GREEN  
 ● BLUE  
 ● YELLOW



**JDR POWER LED**

1x3W

- 220-240V / 50-60Hz
- Average Life: 60.000 - 80.000 Hrs




○ WHITE 6400K  
 ○ COOL WHITE 4200K  
 ● RED  
 ● GREEN  
 ● BLUE  
 ● YELLOW



**JDR POWER LED**

3x1W

- 220-240V / 50-60Hz
- Average Life: 60.000 - 80.000 Hrs




○ WHITE 6400K  
 ○ COOL WHITE 4200K  
 ● RED  
 ● GREEN  
 ● BLUE  
 ● YELLOW



**JCDR POWER LED**

3x1W

- 220-240V / 50-60Hz
- Average Life: 60.000 - 80.000 Hrs




○ WHITE 6400K  
 ○ COOL WHITE 4200K  
 ● RED  
 ● GREEN  
 ● BLUE  
 ● YELLOW



**GU10 POWER LED**

3x1W

- 220-240V / 50-60Hz
- Average Life: 60.000 - 80.000 Hrs




**COB LED**



**GU10 COB LED**

CLOSED  
3W  
5W

- 220-240V / 50-60Hz
- Average Life: 40.000 - 50.000 Hrs
- 6400K




○ WHITE 6400K  
 ○ COOL WHITE 4200K



**JCDR POWER LED**

5x1W

- 220-240V / 50-60Hz
- Average Life: 50.000 Hrs




○ WHITE 6400K  
 ○ COOL WHITE 4200K



**GU10 POWER LED**

5x1W

- 220-240V / 50-60Hz
- Average Life: 50.000 Hrs




 	<p><b>HL 436L</b></p> <p>2,5W</p> <ul style="list-style-type: none"> <li>● 220-240V / 50-60Hz</li> <li>● Average Life: 25.000 Hrs</li> <li>● 250 Lm</li> <li>● 4000 K</li> </ul> 	 	<p><b>HL 437L</b></p> <p>2,5W</p> <ul style="list-style-type: none"> <li>● 220-240V / 50-60Hz</li> <li>● Average Life: 25.000 Hrs</li> <li>● 250 Lm</li> <li>● 4000 K</li> </ul> 
 	<p><b>HL 438L E14</b></p> <p>2,5W</p> <ul style="list-style-type: none"> <li>● 220-240V / 50-60Hz</li> <li>● Average Life: 25.000 Hrs</li> <li>● 250 Lm</li> <li>● 4000 K</li> </ul> 	 	<p><b>HL 438L E27</b></p> <p>2,5W</p> <ul style="list-style-type: none"> <li>● 220-240V / 50-60Hz</li> <li>● Average Life: 25.000 Hrs</li> <li>● 250 Lm</li> <li>● 4000 K</li> </ul> 
 	<p><b>HL 439L</b></p> <p>5W</p> <ul style="list-style-type: none"> <li>● 220-240V / 50-60Hz</li> <li>● Average Life: 25.000 Hrs</li> <li>● 470 Lm</li> <li>● 4000 K</li> </ul> 	 	<p><b>HL 443L</b></p> <p>2,5W</p> <ul style="list-style-type: none"> <li>● 220-240V / 50-60Hz</li> <li>● Average Life: 25.000 Hrs</li> <li>● 250 Lm</li> <li>● 4000 K</li> </ul> 
 	<p><b>HL 444L</b></p> <p>5W</p> <ul style="list-style-type: none"> <li>● 220-240V / 50-60Hz</li> <li>● Average Life: 25.000 Hrs</li> <li>● 470 Lm</li> <li>● 4000 K</li> </ul> 	 	<p><b>HL 445L</b></p> <p>3W CLEAR</p> <ul style="list-style-type: none"> <li>● 220-240V / 50-60Hz</li> <li>● Average Life: 40.000 - 50.000 Hrs</li> <li>● 300 Lm</li> <li>● 2700K</li> </ul> 
 	<p><b>HL 446L</b></p> <p>3W FROSTED</p> <ul style="list-style-type: none"> <li>● 220-240V / 50-60Hz</li> <li>● Average Life: 40.000 - 50.000 Hrs</li> <li>● 300 Lm</li> <li>● 6400K</li> </ul> 	 	<p><b>HL 447L</b></p> <p>4W</p> <ul style="list-style-type: none"> <li>● 220-240V / 50-60Hz</li> <li>● Average Life: 40.000 - 50.000 Hrs</li> <li>● 400 Lm</li> <li>● 2700K / 6400K</li> </ul> 

**JCDR LED**

1.2W

- 220-240V / 50-60Hz
- Average Life: 60.0000 - 80.000 Hrs






**GU10 LED**

1.2W

- 220-240V / 50-60Hz
- Average Life: 60.0000 - 80.000 Hrs






**JDR LED**

1.2W

- 220-240V / 50-60Hz
- Average Life: 60.0000 - 80.000 Hrs








**SMD LED TUBE 60cm**

10W DAYLIGHT

- 220-240V / 50-60Hz
- Average Life: 50.000 Hrs
- 6400 K






**SMD LED TUBE 120cm**

19W DAYLIGHT

- 220-240V / 50-60Hz
- Average Life: 50.000 Hrs
- 6400 K






**HL 440L**

6W

- 220-240V / 50-60Hz
- Average Life: 20.000 Hrs
- 360 Lm






**HL 440L**

6W

- 220-240V / 50-60Hz
- Average Life: 20.000 Hrs
- 360 Lm





**NEW HL 448L**

1W

- 220-240V / 50-60Hz
- Average Life: 30.000 Hrs
- 2700K / 6400K






**NEW HL 449L**

2.5W

- 220-240V / 50-60Hz
- Average Life: 30.000 Hrs
- 2700K / 6400K








**HL 415**

MINI BULB  
10W  
CLEAR

- 220-240V / 50-60Hz
- Average Life: 1.000 Hrs



**HL 416**

MINI BULB  
10W  
CLEAR

- 220-240V / 50-60Hz
- Average Life: 1.000 Hrs



**Incandescent Bulbs**



**HL 417**

INDICATOR LAMP  
15W  
FROSTED

- 220-240V / 50-60Hz
- Average Life: 1.000 Hrs



**HL 420**

CANDLE BULB  
WITH TAIL  
40W, 60W  
CLEAR

- 220-240V / 50-60Hz
- Average Life: 1.000 Hrs



**HL 421**

CANDLE BULB  
WITH TAIL  
40W, 60W  
FROSTED

- 220-240V / 50-60Hz
- Average Life: 1.000 Hrs



**HL 423**

CANDLE BULB  
40W  
60W  
CLEAR

- 220-240V / 50-60Hz
- Average Life: 1.000 Hrs



**HL 424**

CANDLE BULB  
40W  
60W  
FROSTED

- 220-240V / 50-60Hz
- Average Life: 1.000 Hrs



**HL 425**

CANDLE BULB  
40W  
60W  
SOFT

- 220-240V / 50-60Hz
- Average Life: 1.000 Hrs



**HL 426**

SCREW CANDLE BULB  
40W  
60W  
FROSTED

- 220-240V / 50-60Hz
- Average Life: 1.000 Hrs







**HL 427**

SCREW CANDLE BULB  
40W  
60W  
CLEAR

- 220-240V / 50-60Hz
- Average Life: 1.000 Hrs



**HL 428**

CANDLE BULB  
40W  
60W  
FROSTED

- 220-240V / 50-60Hz
- Average Life: 1.000 Hrs



**HL 429**

CANDLE BULB  
40W  
60W  
SOFT

- 220-240V / 50-60Hz
- Average Life: 1.000 Hrs



**HL 430**

GLOBE BULB  
40W  
60W  
SOFT

- 220-240V / 50-60Hz
- Average Life: 1.000 Hrs



**HL 431**

GLOBE BULB  
40W  
60W  
FROSTED

- 220-240V / 50-60Hz
- Average Life: 1.000 Hrs



**HL 432**

GLOBE BULB  
40W  
60W  
SOFT

- 220-240V / 50-60Hz
- Average Life: 1.000 Hrs



**HL 433**

GLOBE BULB  
40W  
60W  
FROSTED

- 220-240V / 50-60Hz
- Average Life: 1.000 Hrs



**HL 434**

MUSHROOM BULB  
60W  
FROSTED

- 220-240V / 50-60Hz
- Average Life: 1.000 Hrs



**HL 435**

MUSHROOM BULB  
60W  
SOFT

- 220-240V / 50-60Hz
- Average Life: 1.000 Hrs





**R39**

30W  
FROSTED

- 220-240V / 50-60Hz
- Average Life: 1.000 Hrs




**R50**

40W  
60W  
FROSTED

- 220-240V / 50-60Hz
- Average Life: 1.000 Hrs




**HOZ** Reflector Bulbs  
ELECTRIC





**R63**

60W  
FROSTED

- 220-240V / 50-60Hz
- Average Life: 1.000 Hrs




**R80**

60W  
75W  
100W  
FROSTED

- 220-240V / 50-60Hz
- Average Life: 1.000 Hrs






### HL 400

HIGH PRESSURE  
MERCURY LAMP  
**125W**  
WITH BALLAST

● 220-240V / 50-60Hz



### HL 401

HIGH PRESSURE  
MERCURY LAMP  
**125W**

● 220-240V / 50-60Hz



## Mercury Lamps



### HL 402

HIGH PRESSURE  
MERCURY LAMP  
**160W**

● 220-240V / 50-60Hz



### HL 403

HIGH PRESSURE  
MERCURY LAMP  
**250W**  
WITH BALLAST

● 220-240V / 50-60Hz



### HL 404

HIGH PRESSURE  
MERCURY LAMP  
**250W**

● 220-240V / 50-60Hz



### HL 405

HIGH PRESSURE  
MERCURY LAMP  
**400W**  
WITH BALLAST

● 220-240V / 50-60Hz





**HL 406**

METAL HALIDE LAMP  
**150W**

● 220-240V / 50-60Hz



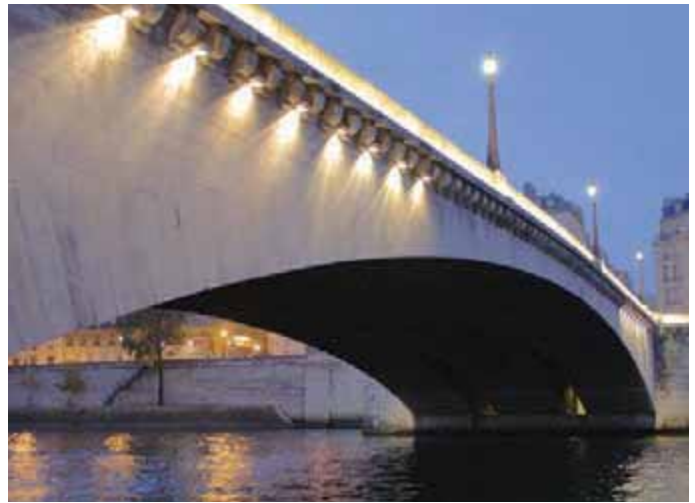
**HL 407**

METAL HALIDE LAMP  
**150W**

● 220-240V / 50-60Hz



**Metal Halide Lamps**



**HL 408**

METAL HALIDE LAMP  
**250W**

● 220-240V / 50-60Hz



**HL 409**

METAL HALIDE LAMP  
**250W**  
WHITE  
BLUE  
GREEN  
RED

● 220-240V / 50-60Hz



**HL 410**

METAL HALIDE LAMP  
**70W**

● 220-240V / 50-60Hz



**HL 411**

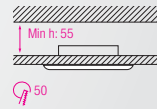
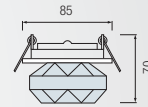
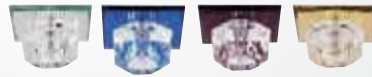
METAL HALIDE LAMP  
**150W**

● 220-240V / 50-60Hz





### HL 800



CLEAR  
BLUE  
YELLOW  
BROWN  
PURPLE

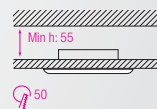
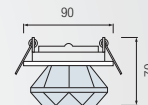
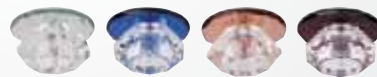
● 220-240V / 50-60Hz  
● Max. 20W



## Halogen Downlights

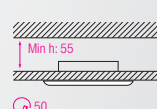
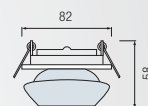


### HL 801



CLEAR  
BLUE  
YELLOW  
BROWN  
PURPLE

● 220-240V / 50-60Hz  
● Max. 20W



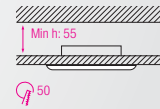
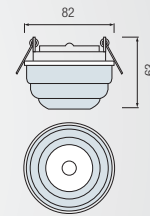
### HL 802

CLEAR  
BLUE  
YELLOW  
BROWN  
PURPLE

● 220-240V / 50-60Hz  
● Max. 20W



### HL 803

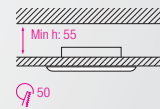
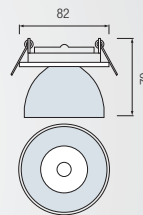
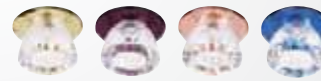


CLEAR  
BLUE  
YELLOW  
BROWN  
PURPLE

● 220-240V / 50-60Hz  
● Max. 20W



### HL 804

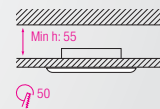
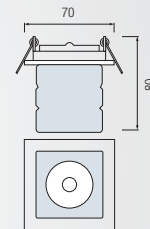


CLEAR  
BLUE  
YELLOW  
BROWN  
PURPLE

● 220-240V / 50-60Hz  
● Max. 20W



### HL 805

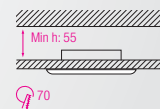
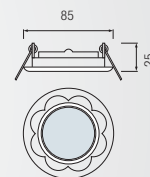
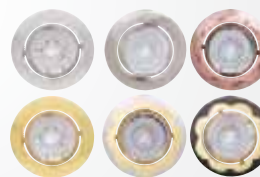


CLEAR  
BLUE  
YELLOW  
BROWN  
PURPLE

● 220-240V / 50-60Hz  
● Max. 20W



### HL 799



CHROME  
MAT CHROME  
GOLDEN  
ANTIQUE GREEN  
ANTIQUE RED COPPER  
TITANIUM BLACK/GOLDEN  
PEARL SILVER/GOLDEN

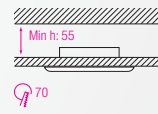
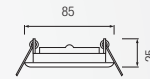
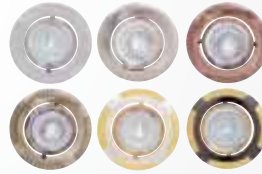
● 220-240V / 50-60Hz  
● Max. 50W



### HL 797

CHROME  
MAT CHROME  
GOLDEN  
ANTIQUÉ GREEN  
ANTIQUÉ RED COPPER  
TITANIUM BLACK/GOLDEN  
PEARL SILVER/GOLDEN

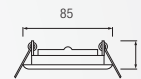
● 220-240V / 50-60Hz  
● Max. 50W



### HL 798

CHROME  
MAT CHROME  
GOLDEN  
ANTIQUÉ GREEN  
ANTIQUÉ RED COPPER  
TITANIUM BLACK/GOLDEN  
PEARL SILVER/GOLDEN

● 220-240V / 50-60Hz  
● Max. 50W

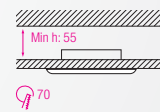
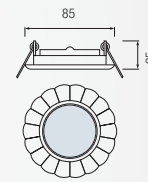
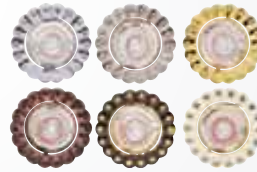




### HL 759

CHROME  
MAT CHROME  
GOLDEN  
ANTIQUÉ GREEN  
ANTIQUÉ RED COPPER  
TITANIUM BLACK/GOLDEN  
PEARL SILVER/GOLDEN

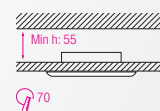
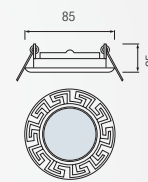
● 220-240V / 50-60Hz  
● Max. 50W



### HL 779

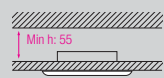
CHROME  
MAT CHROME  
GOLDEN  
ANTIQUÉ GREEN  
ANTIQUÉ RED COPPER  
TITANIUM BLACK/GOLDEN  
PEARL SILVER/GOLDEN

● 220-240V / 50-60Hz  
● Max. 50W

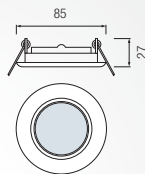


### HL 750

CHROME  
MAT CHROME  
GOLDEN  
WHITE

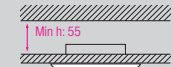


● 220-240V / 50-60Hz  
● Max. 50W

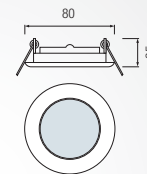


### HL 752

CHROME  
MAT CHROME  
GOLDEN  
RED COPPER  
PEARL CHROME  
WHITE



● 220-240V / 50-60Hz  
● Max. 50W

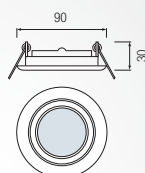


### HL 753

CHROME  
MAT CHROME  
GOLDEN  
WHITE



● 220-240V / 50-60Hz  
● Max. 50W

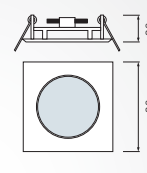


### HL 755

CHROME  
MAT CHROME  
GOLDEN



● 220-240V / 50-60Hz  
● Max. 50W





**HL 756**

CHROME  
MAT CHROME

Min h: 55

60

- 220-240V / 50-60Hz
- Max. 50W

MR16  
E27  
E26

F IP 44

**HL 760**

CHROME  
MAT CHROME  
GOLDEN

Min h: 55

50

- 220-240V / 50-60Hz
- Max. 20W

JC  
E27  
E26

F IP 20

**HL 761**

CHROME  
MAT CHROME  
GOLDEN

Min h: 50

55

- 220-240V / 50-60Hz
- Max. 20W

JC  
E27  
E26

F IP 20

**HL 762**

CHROME  
MAT CHROME  
GOLDEN

Min h: 55

50

- 220-240V / 50-60Hz
- Max. 20W

JC  
E27  
E26

F IP 20

**HL 763**

CHROME  
MAT CHROME

Min h: 55

45

- 220-240V / 50-60Hz
- Max. 20W

JC  
E27  
E26

F IP 20

**HL 764**

CHROME  
MAT CHROME

Min h: 55

45

- 220-240V / 50-60Hz
- Max. 20W

JC  
E27  
E26

F IP 20

**HL 765**

CHROME  
MAT CHROME  
GOLDEN

Min h: 40

20

- 220-240V / 50-60Hz
- Max. 20W

JC  
E27  
E26

F IP 20

**HL 766**

CHROME  
MAT CHROME  
GOLDEN  
WHITE

Min h: 50

25

- 220-240V / 50-60Hz
- Max. 20W

JC  
E27  
E26

F IP 20

**HL 767**

CHROME  
MAT CHROME  
GOLDEN

Min h: 40

20

● 220-240V / 50-60Hz  
● Max. 20W

JC  
64  
F  
IP 20

**HL 768**

CHROME  
MAT CHROME  
GOLDEN

Min h: 40

20

● 220-240V / 50-60Hz  
● Max. 20W

JC  
64  
F  
IP 20

**HL 769**

CLEAR  
BLUE  
PINK  
GREEN

136

Min h: 55

50

● 220-240V / 50-60Hz  
● Max. 50W

MR16  
65.3/68.35  
F  
IP 20

**HL 771**

GOLDEN  
SILVER  
TITANIUM BLACK

Min h: 55

55

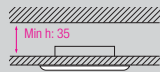
● 220-240V / 50-60Hz  
● Max. 50W

MR16  
65.3/68.35  
F  
IP 20



**NEW** HL 666L

CHROME  
MAT CHROME



⌀ 33

- With Transformer
- 220-240V / 50-60Hz
- 2700K / 6400K
- 1x3W

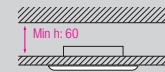
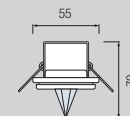


- WHITE 6400K
- RED
- GREEN
- BLUE



HL 815L

MAT CHROME



⌀ 40

- With Transformer
- 220-240V / 50-60Hz
- 1W



LED Downlights



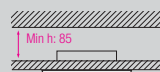
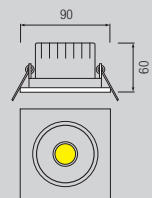
COB LED



HL 678L - HL 679L

MAT CHROME

HL 678L - 3W 2700K / 6500K  
HL 679L - 5W 2700K / 6500K



⌀ 75

- With Transformer
- AC 220-240V / 50-60Hz
- 2700K / 6500K



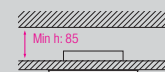
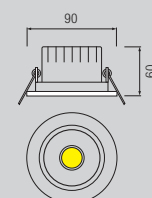
COB LED



HL 698L - HL 699L

MAT CHROME

HL 698L - 3W 2700K / 6500K  
HL 699L - 5W 2700K / 6500K



⌀ 75

- With Transformer
- AC 220-240V / 50-60Hz
- 2700K / 6500K







### HL 667L

RED+GREEN+BLUE+YELLOW

- With Transformer
- 220-240V / 50-60Hz
- 7x1W



### HL 668L

RED+GREEN+BLUE



- With Transformer
- 220-240V / 50-60Hz
- 3x1W



### HL 669L

RED+GREEN+BLUE+YELLOW

- With Transformer
- 220-240V / 50-60Hz
- 7x1W

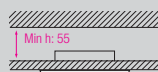
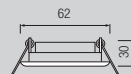


- WHITE 6400K
- WARM WHITE 2700K



### HL 670L

MAT CHROME



⌀ 60

- With Transformer
- AC 220-240V / 50-60Hz
- 1W

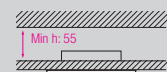
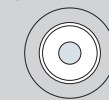
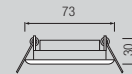


- WHITE 6400K
- WARM WHITE 2700K



### HL 671L

MAT CHROME



⌀ 60

- With Transformer
- AC 220-240V / 50-60Hz
- 1W



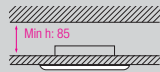
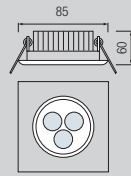


- WHITE 6400K
- WARM WHITE 2700K



### HL 672L

CHROME + MAT CAHROME



- With Transformer
- AC 220-240V / 50-60Hz
- 3W

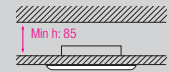
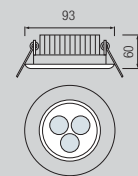


- WHITE 6400K
- WARM WHITE 2700K



### HL 673L

CHROME + MAT CAHROME



- With Transformer
- AC 220-240V / 50-60Hz
- 3W

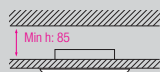
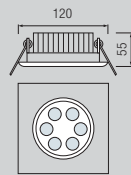


- WHITE 6400K
- WARM WHITE 2700K



### HL 674L

CHROME + MAT CAHROME



- With Transformer
- AC 220-240V / 50-60Hz
- 6W

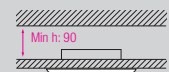
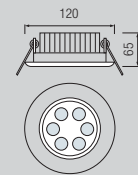


- WHITE 6400K
- WARM WHITE 2700K



### HL 675L

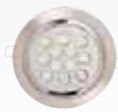
CHROME + MAT CAHROME



- With Transformer
- AC 220-240V / 50-60Hz
- 6W

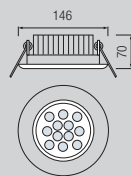


- WHITE 6400K
- WARM WHITE 2700K



### HL 676L

CHROME + MAT CAHROME



- With Transformer
- AC 220-240V / 50-60Hz
- 12W

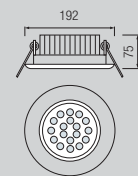


- WHITE 6400K
- WARM WHITE 2700K



### HL 677L


CHROME + MAT CAHROME



- With Transformer
- AC 220-240V / 50-60Hz
- 18W

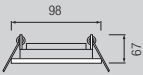




○ WHITE 6400K  
● WARM WHITE 2700K



### HL 680L

MAT CHROME







Min h: 90

90x90

- With Transformer
- AC 220-240V / 50-60Hz
- 4W

POWERLED 4 pcs

○ WHITE 6400K  
● WARM WHITE 2700K



### HL 681L

MAT CHROME





Min h: 95

125x125

- With Transformer
- AC 220-240V / 50-60Hz
- 9W

POWERLED 9 pcs




○ WHITE 6400K  
● WARM WHITE 2700K



### HL 682L

MAT CHROME





Min h: 100

152x152

- With Transformer
- AC 220-240V / 50-60Hz
- 16W

POWERLED 16 pcs




○ WHITE 6400K  
● WARM WHITE 2700K



### HL 683L

MAT CHROME





Min h: 100

185x185

- With Transformer
- AC 220-240V / 50-60Hz
- 25W

POWERLED 25 pcs





**SMD LED**

○ WHITE 6000K  
● WARM WHITE 3000K



**HL 684L**  
WHITE  
MAT CHROME



● With Transformer  
● AC 220-240V / 50-60Hz  
● 6W

**SMD LED**    

**SMD LED**

○ WHITE 6000K  
● WARM WHITE 3000K



**HL 687L**  
WHITE  
MAT CHROME



● With Transformer  
● AC 220-240V / 50-60Hz  
● 6W

**SMD LED**    

**SMD LED**

○ WHITE 6000K  
● WARM WHITE 3000K



**HL 685L**  
WHITE  
MAT CHROME



● With Transformer  
● AC 220-240V / 50-60Hz  
● 12W

**SMD LED**    

**SMD LED**

○ WHITE 6000K  
● WARM WHITE 3000K



**HL 688L**  
WHITE  
MAT CHROME



● With Transformer  
● AC 220-240V / 50-60Hz  
● 12W

**SMD LED**    

**SMD LED**

○ WHITE 6000K  
● WARM WHITE 3000K



**HL 686L**  
WHITE  
MAT CHROME



● With Transformer  
● AC 220-240V / 50-60Hz  
● 15W

**SMD LED**    

**SMD LED**

○ WHITE 6000K  
● WARM WHITE 3000K



**HL 689L**  
WHITE  
MAT CHROME



● With Transformer  
● AC 220-240V / 50-60Hz  
● 15W

**SMD LED**    

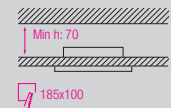
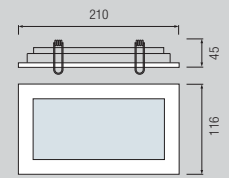


- WHITE 6000K
- WARM WHITE 3000K



### HL 690L

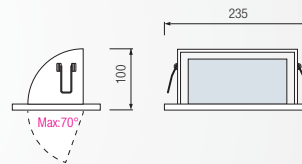
WHITE  
MAT CHROME



- With Transformer
- AC 220-240V / 50-60Hz
- 12W

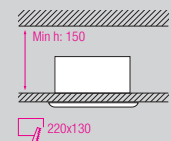


- WHITE 6500K



### HL 691L

WHITE



- With Transformer
- 220-240V / 50-60Hz
- Average Life: 40,000 Hrs
- 30W



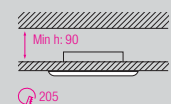
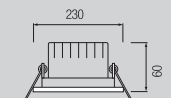
- COOL WHITE 4200K



**NEW**

### HL 6978L 8 INCH

WHITE  
MAT CHROME



- 220-240V / 50-60Hz
- Average Life: 40,000 Hrs
- 30W





**HL 695L 3 INCH**

COB LED  
COOL WHITE 4200K



WHITE  
MAT CHROME



135  
70

Min h: 90  
120

- 220-240V / 50-60Hz
- Average Life: 40.000 Hrs
- 8W

COB LED F IP20

**HL 692L**

COB LED  
WHITE 6500K



WHITE



110  
85  
110

Min h: 110  
95

- With Transformer
- 220-240V / 50-60Hz
- Average Life: 40.000 Hrs
- 8W

COB LED F IP20

**HL 696L 4 INCH**

COB LED  
COOL WHITE 4200K



WHITE  
MAT CHROME



170  
85

Min h: 105  
155

- 220-240V / 50-60Hz
- Average Life: 40.000 Hrs
- 10W

COB LED F IP20

**HL 693L**

COB LED  
WHITE 6500K



WHITE



145  
120  
145

Min h: 150  
135

- With Transformer
- 220-240V / 50-60Hz
- Average Life: 40.000 Hrs
- 10W

COB LED F IP20

**HL 697L 6 INCH**

COB LED  
COOL WHITE 4200K



WHITE  
MAT CHROME



200  
100

Min h: 120  
180

- 220-240V / 50-60Hz
- Average Life: 40.000 Hrs
- 20W

COB LED F IP20

**HL 694L**

COB LED  
WHITE 6500K



WHITE

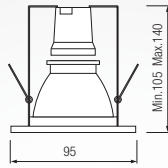


180  
150  
180

Min h: 180  
170

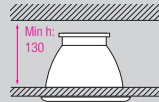
- With Transformer
- 220-240V / 50-60Hz
- Average Life: 40.000 Hrs
- 20W

COB LED F IP20



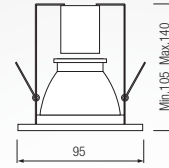
### HL 600 2,5" E27

CHROME  
MAT CHROME  
WHITE



75

- 220-240V / 50-60Hz
- Max. 40W



### HL 601 2,5" PLC

CHROME  
MAT CHROME  
WHITE

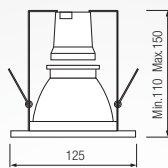


75

- 220-240V / 50-60Hz
- Max. 10W

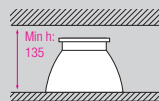


## Downlights



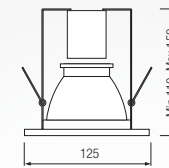
### HL 602 3" E27

CHROME  
MAT CHROME  
WHITE



95

- 220-240V / 50-60Hz
- Max. 60W



### HL 603 3" PLC

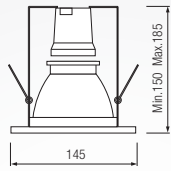
CHROME  
MAT CHROME  
WHITE



95

- 220-240V / 50-60Hz
- Max. 13W



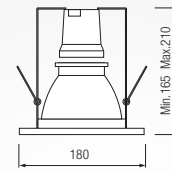


### HL 604 4" E27

CHROME  
MAT CHROME  
WHITE



- 220-240V / 50-60Hz
- Max. 60W

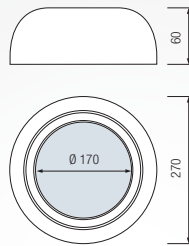


### HL 606 5" E27

CHROME  
MAT CHROME  
WHITE



- 220-240V / 50-60Hz
- Max. 75W

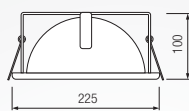


### HL 618 8" E27

CHROME  
MAT CHROME  
WHITE

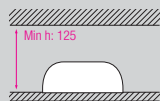


- 220-240V / 50-60Hz
- Max. 2x20W

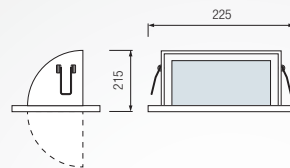


### HL 621 8" Rx7S

CHROME  
MAT CHROME  
WHITE

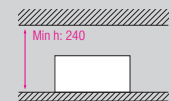


- 220-240V / 50-60Hz
- Max. 150W



### HL 622

CHROME  
MAT CHROME  
WHITE



- 220-240V / 50-60Hz
- Max. 150W





**HL 610 6" PLC**

CHROME  
MAT CHROME  
WHITE

● 220-240V / 50-60Hz  
● Max. 2x18W

PLC  
E27  
F  
IP 20



**HL 611 6" E27**

CHROME  
MAT CHROME  
WHITE

● 220-240V / 50-60Hz  
● Max. 2x20W ESL

E27  
F  
IP 20

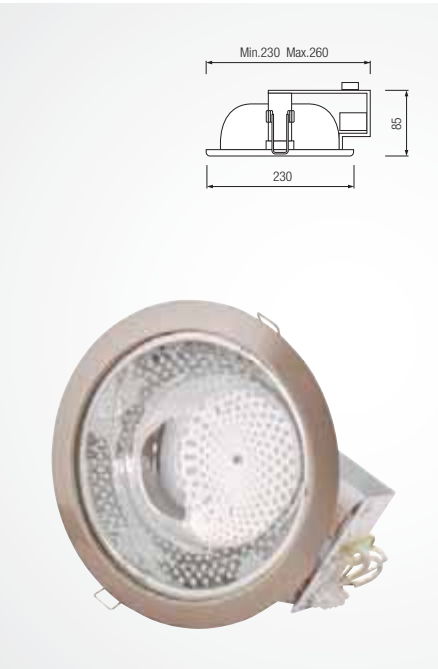


**HL 612 8" E27**

CHROME  
MAT CHROME  
WHITE

● 220-240V / 50-60Hz  
● Max. 2x26W ESL

E27  
F  
IP 20

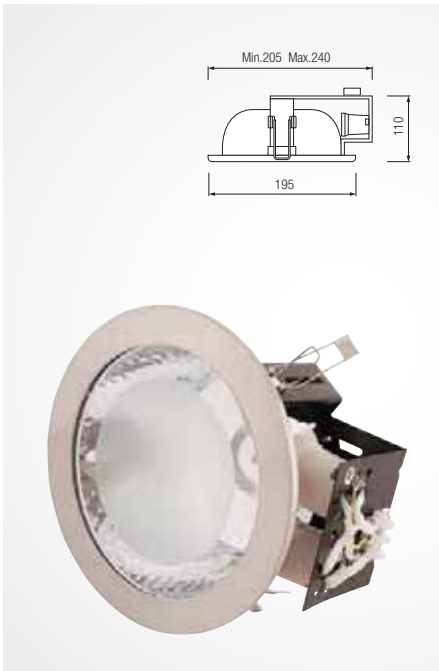


**HL 613 8" PLC**

CHROME  
MAT CHROME  
WHITE

● 220-240V / 50-60Hz  
● Max. 2x26W ESL

PLC  
E27  
F  
IP 20

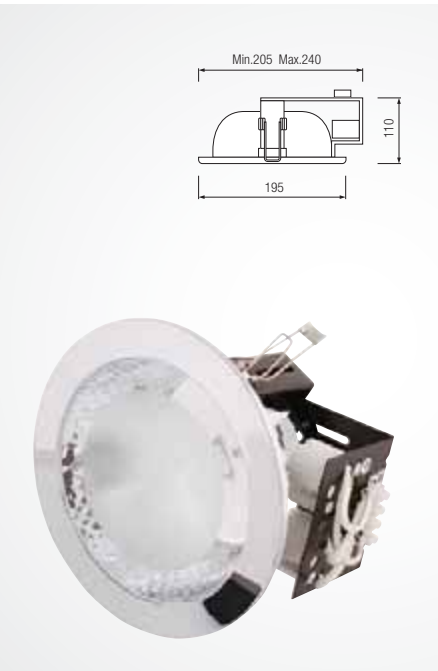


**HL 614 6" E27**

CHROME  
MAT CHROME  
WHITE

● 220-240V / 50-60Hz  
● Max. 2x20W ESL

E27  
F  
IP 20



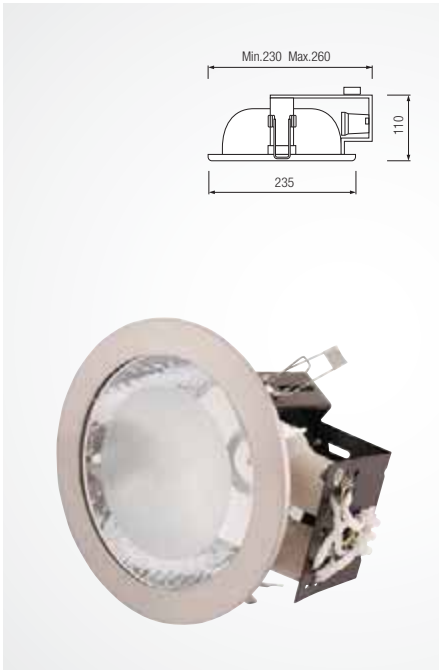
**HL 615 6" PLC**

CHROME  
MAT CHROME  
WHITE

● 220-240V / 50-60Hz  
● Max. 2x18W ESL

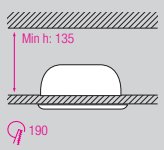
PLC  
E27  
F  
IP 20



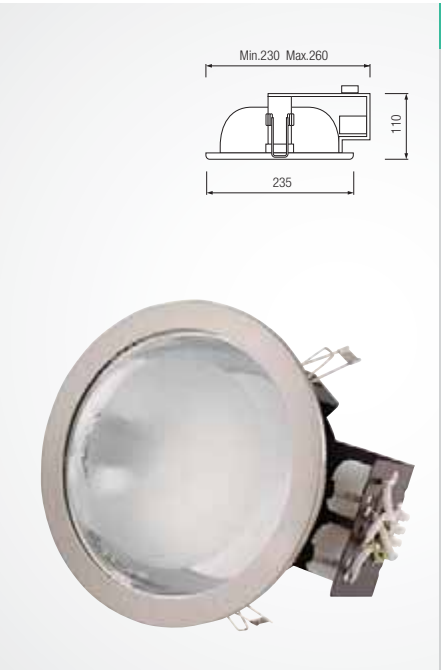


### HL 616 8" E27

CHROME  
MAT CHROME  
WHITE

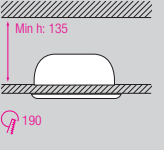


- 220-240V / 50-60Hz
- Max. 2x25W ESL

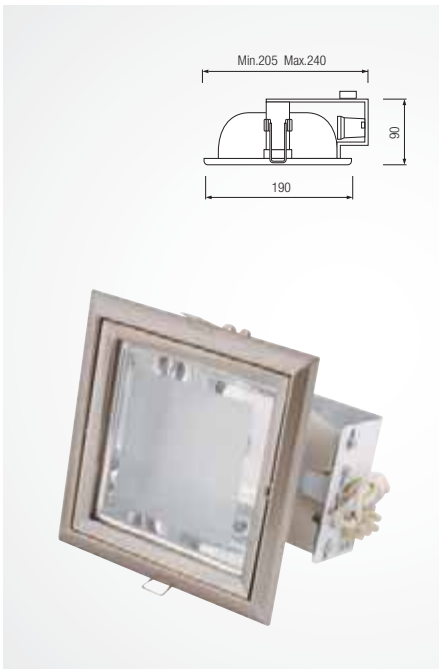


### HL 617 8" PLC

CHROME  
MAT CHROME  
WHITE

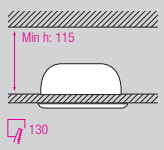


- 220-240V / 50-60Hz
- Max. 2x26W ESL



### HL 625 6" E27

CHROME  
MAT CHROME  
WHITE

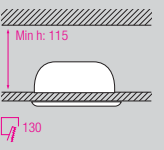


- 220-240V / 50-60Hz
- Max. 2x20W ESL



### HL 626 6" PLC

CHROME  
MAT CHROME  
WHITE

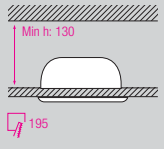


- 220-240V / 50-60Hz
- Max. 2x18W ESL



### HL 627 8" E27

CHROME  
MAT CHROME  
WHITE

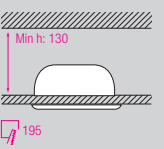


- 220-240V / 50-60Hz
- Max. 2x25W ESL



### HL 628 8" PLC

CHROME  
MAT CHROME  
WHITE



- 220-240V / 50-60Hz
- Max. 2x26W ESL





### HL 634S

CHROME + MAT CHROME  
Diffuser: Glass

- 220-240V / 50-60Hz
- Max. 60W
- Max. 11W ESL



### HL 634M

CHROME + MAT CHROME  
Diffuser: Glass

- 220-240V / 50-60Hz
- Max. 60W
- Max. 15W ESL



## Decorative Ceiling Lamps



### HL 634B

CHROME + MAT CHROME  
Diffuser: Glass

- 220-240V / 50-60Hz
- Max. 2x60W
- Max. 2x15W ESL



### HL 634W

CHROME + MAT CHROME  
Diffuser: Glass

- 220-240V / 50-60Hz
- Max. 60W
- Max. 15W ESL



### HL 635S

CHROME + MAT CHROME  
Diffuser: Glass

- 220-240V / 50-60Hz
- Max. 60W
- Max. 11W ESL



### HL 635M

CHROME + MAT CHROME  
Diffuser: Glass

- 220-240V / 50-60Hz
- Max. 60W
- Max. 15W ESL





### HL 635B

CHROME + MAT CHROME  
Diffuser: Glass

- 220-240V / 50-60Hz
- Max. 2x60W
- Max. 2x15W ESL



### HL 635W

CHROME + MAT CHROME  
Diffuser: Glass

- 220-240V / 50-60Hz
- Max. 60W
- Max. 15W ESL



### HL 636S

MAT CHROME  
Diffuser: Glass

- 220-240V / 50-60Hz
- Max. 60W
- Max. 15W ESL



### HL 636M

MAT CHROME  
Diffuser: Glass

- 220-240V / 50-60Hz
- Max. 2x60W
- Max. 2x15W ESL



### HL 636B

MAT CHROME  
Diffuser: Glass

- 220-240V / 50-60Hz
- Max. 3x60W
- Max. 3x15W ESL



### HL 636W

MAT CHROME  
Diffuser: Glass

- 220-240V / 50-60Hz
- Max. 60W
- Max. 15W ESL





**HL 640**  
MAT CHROME  
Diffuser: Glass

- 220-240V / 50-60Hz
- Max. 40W
- Max. 9W ESL



**HL 643**  
MAT CHROME  
Diffuser: Glass

- 220-240V / 50-60Hz
- Max. 40W
- Max. 11W ESL


   



**HL 641**  
MAT CHROME  
Diffuser: Glass





- 220-240V / 50-60Hz
- Max. 60W
- Max. 15W ESL



**HL 644**  
MAT CHROME  
Diffuser: Glass

- 220-240V / 50-60Hz
- Max. 60W
- Max. 15W ESL



**HL 642**  
MAT CHROME  
Diffuser: Glass

- 220-240V / 50-60Hz
- Max. 2x60W
- Max. 2x15W ESL



**HL 645**  
MAT CHROME  
Diffuser: Glass

- 220-240V / 50-60Hz
- Max. 2x60W
- Max. 2x15W ESL



**HL 637L**  
WHITE  
SILVER  
6400K

- With Transformer
- 220-240V / 50-60Hz
- Average Life: 40.000-50.000 Hrs
- 4x8W



### HL 790N

CHROME



- 220-240V / 50-60Hz
- 9W ESL



### HL 791N

CHROME



- 220-240V / 50-60Hz
- 2x9W ESL



Ceiling Lamps



### HL 792N

CHROME



- 220-240V / 50-60Hz
- Max. 3x9W ESL



### HL 793N

CHROME



- 220-240V / 50-60Hz
- 4x9W ESL



### HL 794N

CHROME



- 220-240V / 50-60Hz
- 3x9W ESL



### HL 785N

MAT CHROME



- 220-240V / 50-60Hz
- 9W ESL



### HL 786N

MAT CHROME



- 220-240V / 50-60Hz
- 2x9W ESL



### HL 787N

MAT CHROME



- 220-240V / 50-60Hz
- 3x9W ESL



### HL 788N

MAT CHROME



- 220-240V / 50-60Hz
- 4x9W ESL



### HL 715

CHROME



- 220-240V / 50-60Hz
- Max. 40W
- Max. 9W ESL



### HL 716

CHROME



- 220-240V / 50-60Hz
- Max. 2x40W
- Max. 2x9W ESL



### HL 717

CHROME



- 220-240V / 50-60Hz
- Max. 3x40W
- Max. 3x9W ESL



### HL 719

CHROME



- 220-240V / 50-60Hz
- Max. 3x40W
- Max. 3x9W ESL



### HL 718

CHROME



- 220-240V / 50-60Hz
- Max. 4x40W
- Max. 4x9W ESL





### HL 711

CHROME

- 220-240V / 50-60Hz
- Max. 40W



### HL 712

CHROME

- 220-240V / 50-60Hz
- Max. 2x40W



### HL 713

CHROME

- 220-240V / 50-60Hz
- Max. 3x40W



### HL 714

CHROME

- 220-240V / 50-60Hz
- Max. 4x40W





### HL 780

MAT CHROME



- 220-240V / 50-60Hz
- Max. 40W



### HL 781

MAT CHROME



- 220-240V / 50-60Hz
- Max. 2x40W



### HL 782

MAT CHROME



- 220-240V / 50-60Hz
- Max. 3x40W



### HL 784

MAT CHROME



- 220-240V / 50-60Hz
- Max. 3x40W



### HL 783

MAT CHROME



- 220-240V / 50-60Hz
- Max. 4x40W



### HL 743

MAT CHROME



- 220-240V / 50-60Hz
- Max. 40W



### HL 744

MAT CHROME



- 220-240V / 50-60Hz
- Max. 2x40W



### HL 745

MAT CHROME



- 220-240V / 50-60Hz
- Max. 3x40W





### HL 747

MAT CHROME



- 220-240V / 50-60Hz
- Max. 3x40W



### HL 746

MAT CHROME



- 220-240V / 50-60Hz
- Max. 4x40W



### HL 748

MAT CHROME



- 220-240V / 50-60Hz
- Max. 6x40W



### HL 700

CHROME+MAT CHROME



- 220-240V / 50-60Hz
- Max. 40W



### HL 701

CHROME+MAT CHROME



- 220-240V / 50-60Hz
- Max. 2x40W



### HL 702

CHROME+MAT CHROME



- 220-240V / 50-60Hz
- Max. 3x40W



### HL 703

CHROME+MAT CHROME



- 220-240V / 50-60Hz
- Max. 2x40W



### HL 704

CHROME+MAT CHROME



- 220-240V / 50-60Hz
- Max. 3x40W





### HL 705

GOLDEN+MAT GOLDEN



- 220-240V / 50-60Hz
- Max. 40W



### HL 706

GOLDEN+MAT GOLDEN



- 220-240V / 50-60Hz
- Max. 2x40W



### HL 707

GOLDEN+MAT GOLDEN



- 220-240V / 50-60Hz
- Max. 3x40W



### HL 708

GOLDEN+MAT GOLDEN



- 220-240V / 50-60Hz
- Max. 2x40W



### HL 709

GOLDEN+MAT GOLDEN



- 220-240V / 50-60Hz
- Max. 3x40W





### HL 720

CHROME  
MAT CHROME  
WHITE  
BLACK  
GOLDEN

- 220-240V / 50-60Hz
- Max. 40W



### HL 721

CHROME  
MAT CHROME  
WHITE  
BLACK  
GOLDEN

- 220-240V / 50-60Hz
- Max. 100W



## Spot Lights



### HL 722 WITH SWITCH

CHROME  
MAT CHROME  
WHITE  
BLACK  
GOLDEN

- 220-240V / 50-60Hz
- Max. 40W



### HL 723 WITH SWITCH

CHROME  
MAT CHROME  
WHITE  
BLACK  
GOLDEN

- 220-240V / 50-60Hz
- Max. 100W



### HL 724

CHROME  
MAT CHROME  
WHITE  
GOLDEN

- 220-240V / 50-60Hz
- Max. 2x40W



### HL 726

CHROME  
MAT CHROME  
WHITE  
GOLDEN

- 220-240V / 50-60Hz
- Max. 2x100W



### HL 725

CHROME  
MAT CHROME  
WHITE  
GOLDEN



- 220-240V / 50-60Hz
- Max. 3x40W



### HL 727

CHROME  
MAT CHROME  
WHITE  
GOLDEN



- 220-240V / 50-60Hz
- Max. 3x100W



### HL 728

CHROME  
MAT CHROME  
WHITE  
GOLDEN



- 220-240V / 50-60Hz
- Max. 2x40W



### HL 729

CHROME  
MAT CHROME  
WHITE  
GOLDEN



- 220-240V / 50-60Hz
- Max. 2x100W



### HL 730

CHROME  
MAT CHROME  
WHITE  
GOLDEN



- 220-240V / 50-60Hz
- Max. 3x40W



### HL 731

CHROME  
MAT CHROME  
WHITE  
GOLDEN



- 220-240V / 50-60Hz
- Max. 3x100W



**HL 003L**

RED  
WHITE  
BLACK

● 220-240V / 50-60Hz  
● 3W  
● 3000K

POWERLED  
1 pcs

□ F IP 20

**HL 008L**

RED  
WHITE  
BLACK

● 220-240V / 50-60Hz  
● 3W  
● 3000K

POWERLED  
1 pcs

□ F IP 20

**Picture & Mirror Lamps**

PCB  
RoHS

**HL 651**

CHROME  
MAT CHROME  
GOLDEN

● Built in electronic transformer  
● 220-240V / 50-60Hz **12V**  
● Max. 2x20W (JC)  
● Max. 2x35W (MR11)

JC MR11  
64 64

□ F IP 20

**HL 652**

CHROME  
MAT CHROME  
GOLDEN  
TITANIUM BLACK

● Built in electronic transformer  
● 220-240V / 50-60Hz **12V**  
● Max. 2x20W

JC  
64

□ F IP 20

**HL 653**

CHROME  
MAT CHROME  
GOLDEN  
MAT GOLDEN  
TITANIUM BLACK

● Built in electronic ballast  
● 220-240V / 50-60Hz  
● 8W

T4  
E14

□ F IP 20

**HL 654**

CHROME  
MAT CHROME  
GOLDEN  
MAT GOLDEN

● 220-240V / 50-60Hz  
● Max. 2x40W

G9

□ F IP 20

**HL 655**

CHROME  
MAT CHROME  
GOLDEN  
MAT GOLDEN

● 220-240V / 50-60Hz  
● Max. 2x25W

E14

□ F IP 20





## Floor Lamps



### HL 004L

RED  
WHITE  
BLACK

- 220-240V / 50-60Hz
- 3W
- 3000K



### HL 009L

RED  
WHITE  
BLACK

- 220-240V / 50-60Hz
- 3W
- 3000K




### HL 012L

RED  
WHITE  
BLACK

- 220-240V / 50-60Hz
- 3W
- 3000K








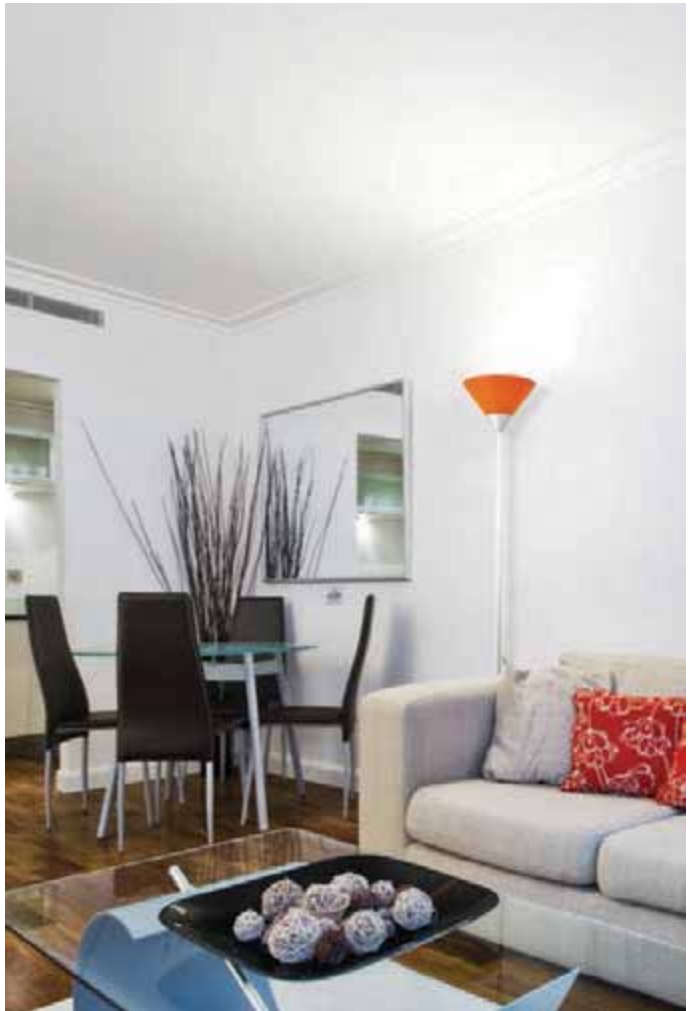
**HL 080**

WHITE  
BLUE  
GREEN  
ORANGE

- 220-240V / 50-60Hz
- Max. 100W

E27 □ F IP 20

Color selection icons:  
  
  





**HL 081**

WHITE

- 220-240V / 50-60Hz
- Mother: Max. 100W E27
- Baby: Max. 40W E14

E27 E14 □ F IP 20



**HL 082**

WHITE

- 220-240V / 50-60Hz
- Mother: Max. 100W E27
- Baby: Max. 40W E14

E27 E14 □ F IP 20



**HL 002L**

RED  
WHITE  
BLACK

- 220-240V / 50-60Hz
- 3W
- 3000K



**HOTOZ** Desk Lamps  
ELECTRIC



**HL 001L**

RED  
WHITE  
BLACK

- 220-240V / 50-60Hz
- 3W
- 3000K



**HL 006L**

RED  
WHITE  
BLACK

- 220-240V / 50-60Hz
- 3W
- 3000K



**HL 007L**

RED  
WHITE  
BLACK

- 220-240V / 50-60Hz
- 3W
- 3000K



**HL 011L**

RED  
WHITE  
BLACK

- 220-240V / 50-60Hz
- 3W
- 3000K



**NEW** HL 045

PINK  
BLUE  
YELLOW

● 220-240V / 50-60Hz  
● 15W  
● 5000K

G10q  
E27  
F  
IP 20

**NEW** HL 010L

BLACK  
WHITE  
BLUE  
RED

● 220-240V / 50-60Hz  
● 3W  
● 3000K

POWERLED  
E27  
F  
IP 20

**NEW** HL 046

YELLOW  
PINK  
WHITE

● 220-240V / 50-60Hz  
● 15W  
● 5000K

G10q  
E27  
F  
IP 20

**NEW** HL 013L

BLACK  
WHITE  
BLUE  
RED  
GREEN

● 220-240V / 50-60Hz  
● 3W  
● 3000K

POWERLED  
E27  
F  
IP 20

**NEW** HL 047

YELLOW  
ORANGE  
BLUE

● 220-240V / 50-60Hz  
● 15W  
● 5000K

G10q  
E27  
F  
IP 20

**NEW** HL 014L

BLACK  
WHITE  
BLUE  
RED  
GREEN

● 220-240V / 50-60Hz  
● 3W  
● 3000K

POWERLED  
E27  
F  
IP 20





**HL 028**

BLACK  
BLUE  
GREEN  
RED  
SILVER  
WHITE

● 220-240V / 50-60Hz  
● Max. 20W



**HL 036**

BLUE  
PINK  
GREEN

● 220-240V / 50-60Hz  
● Max. 11W



**HL 037**

BLUE  
PINK  
GREEN

● 220-240V / 50-60Hz  
● Max. 11W



**HL 038**

BLUE  
PINK  
YELLOW

● 220-240V / 50-60Hz  
● Max. 11W



**HL 039**

BLUE  
PINK  
YELLOW

● 220-240V / 50-60Hz  
● Max. 11W



**HL 043**

BLUE  
ORANGE  
GREEN

● 220-240V / 50-60Hz  
● Max. 11W



**HL 044**

BLUE  
PINK  
YELLOW

● 220-240V / 50-60Hz  
● Max. 11W



**HL 050**

BLACK  
WHITE  
RED  
BLUE

● 220-240V / 50-60Hz  
● Max. 60W





**HL 052**

CLEAR  
BLUE  
PURPLE  
GREEN  
ORANGE

- 220-240V / 50-60Hz
- Max. 40W








**HL 065**

BLACK  
BLUE  
GREEN  
RED  
WHITE

- 220-240V / 50-60Hz **12V**
- Max. 20W








**HL 067**

BLACK  
WHITE  
RED

- 220-240V / 50-60Hz
- Max. 60W








**HL 068**

BLACK  
WHITE  
RED

- 220-240V / 50-60Hz
- Max. 15W ESL
- Max. 40W









**HL 069**

BLACK  
WHITE  
RED  
GREY

- 220-240V / 50-60Hz
- Max. 11W









**HL 074**

BLACK  
WHITE  
RED

- 220-240V / 50-60Hz
- Max. 20W ESL
- Max. 60W









**HL 090**

GREEN  
BLUE

- 220-240V / 50-60Hz
- Max. 60W






### HL 2001

6W  
8W  
13W  
21W  
28W

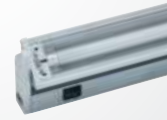


● 220-240V / 50-60Hz



### HL 2002

8W  
13W  
21W  
28W



● 220-240V / 50-60Hz



## Electronic Wall Lamps



### HL 2004A

8W  
12W  
16W  
20W



● 220-240V / 50-60Hz



### HL 2004B

8W  
12W  
16W  
20W



● 220-240V / 50-60Hz



### HL 2004

8W  
13W



● 220-240V / 50-60Hz



### HL 2005

8W  
13W



● 220-240V / 50-60Hz



### HL 2006

8W  
13W



● 220-240V / 50-60Hz



### HL 2008

8W  
13W



● 220-240V / 50-60Hz



### HL 3011

10W  
15W  
18W  
30W  
36W



● 220-240V / 50-60Hz



### HL 3016

10W  
15W  
18W  
30W  
36W



● 220-240V / 50-60Hz



### HL 3013

18W  
36W



● 220-240V / 50-60Hz



### HL 3013R

18W  
36W



● 220-240V / 50-60Hz



### HL 3017

2x18W  
2x36W



● 220-240V / 50-60Hz



### HL 3017R

2x18W  
2x36W



● 220-240V / 50-60Hz





**HL 3020**

10W  
15W  
18W  
30W  
36W



● 220-240V / 50-60Hz

T8    

**HL 3021**

11W



● 220-240V / 50-60Hz

PL    



**HL 160 18W**  
**HL 161 36W**



● 220-240V / 50-60Hz

T8    


**HL 162 2x18W**  
**HL 163 2x36W**







● 220-240V / 50-60Hz

T8    

**HL 164 18W**  
**HL 165 36W**

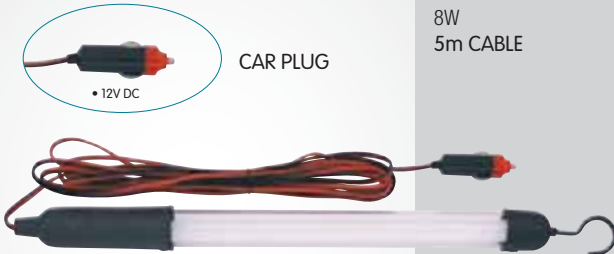


● 220-240V / 50-60Hz


T8    


**HL 2007**




8W  
5m CABLE



● 220-240V / 50-60Hz  
● 12V DC

CAR PLUG 

EURO PLUG 

T5   

**HL 180 2x20W**  
**HL 184 2x40W**

RECESSED TYPE



- 220-240V / 50-60Hz
- With built-in suitable ballast & starter



**HL 182 4x20W**  
**HL 186 4x40W**

RECESSED TYPE



- 220-240V / 50-60Hz
- With built-in suitable ballast & starter



**Flourescent Louver Fittings**  
**LED Louver Fitting**  
**LED Panel**



**HL 181 2x20W**  
**HL 185 2x40W**

SURFACE TYPE



- 220-240V / 50-60Hz
- With built-in suitable ballast & starter



**HL 183 4x20W**  
**HL 187 4x40W**

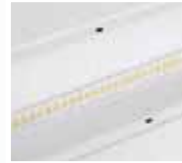
SURFACE TYPE



- 220-240V / 50-60Hz
- With built-in suitable ballast & starter



SMD  
LED



**NEW** HL 179L

WHITE

- 220-240V / 50-60Hz
- 36W
- 4200K / 6400K



SMD  
LED



**NEW** HL 975L

SILVER

- 220-240V / 50-60Hz
- 32W
- 3000K / 4200K / 6400K



HL 150



- 220-240V / 50-60Hz
- With built-in suitable ballast & starter
- Current: 0.37A
- ΔT65°C TW105°
- Max 20W



HL 152



- 220-240V / 50-60Hz
- With built-in suitable ballast & starter
- Current: 0.43A
- ΔT65°C TW105°
- Max 40W



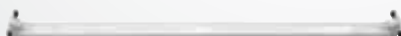
### Magnetic Wall Lamps



HL 151



- 220-240V / 50-60Hz
- With built-in suitable ballast & starter
- Current: 0.41A
- ΔT65°C TW105°
- Max 2x20W



HL 153



- 220-240V / 50-60Hz
- With built-in suitable ballast & starter
- Current: 0.43A
- ΔT65°C TW105°
- Max 2x40W





### HL 140



- 220-240V / 50-60Hz
- With built-in suitable ballast
- Max. 11W



### HL 141



- 220-240V / 50-60Hz
- With built-in suitable ballast & starter
- Max. 20W



## Waterproof Lamps



### HL 142



- 220-240V / 50-60Hz
- With built-in suitable ballast & starter
- Max. 40W



### HL 143



- 220-240V / 50-60Hz
- With built-in suitable ballast & starter
- Max. 2x20W



### HL 144



- 220-240V / 50-60Hz
- With built-in suitable ballast & starter
- Max. 2x40W



**SHATTERPROOF**



**HL 500**

- 220-240V / 50-60Hz
- PC
- ø:180mm h:900mm
- Max. 40W
- Max. 15W ESL

E27, Grounding, F, IP20

**SHATTERPROOF**



**HL 502**

RED  
GREEN  
BLUE  
PINK  
CLEAR

- 220-240V / 50-60Hz
- PC
- ø:255mm h:1000mm
- Max. 40W
- Max. 25W ESL

E27, Grounding, F, IP20



**High Bay Lamps**  
**LED High Bay Lamps**

PC, RoHS



**SHATTERPROOF**



**HL 501**

- 220-240V / 50-60Hz
- PC
- ø:180mm h:900mm
- Max. 40W
- Max. 15W ESL

E27, Grounding, F, IP20

**SHATTERPROOF**



**HL 505**

- 220-240V / 50-60Hz
- PC
- ø:310mm h:950mm
- Max. 60W
- Max. 45W ESL

E27, Grounding, F, IP20

SHATTERPROOF



### HL 506

- 220-240V / 50-60Hz
- PC
- ø:315mm h:1000mm
- Max. 60W
- Max. 45W ESL



SHATTERPROOF



### HL 510

- 220-240V / 50-60Hz
- PC
- ø:355mm h:1000mm
- Max. 60W
- Max. 65W ESL



SHATTERPROOF



### HL 513

- 220-240V / 50-60Hz
- PC
- ø:413mm h:1000mm
- Max. 80W
- Max. 65W ESL



SHATTERPROOF



### HL 514

- 220-240V / 50-60Hz
- PC
- ø:413mm h:1100mm
- Max. 250W



COB  
LED

**NEW** HL 515L

- 220-240V / 50-60Hz
- Aluminium Body
- ø: 440mm h: 900mm
- 50W
- 6400K



COB  
LED

**NEW** HL 516L

- 220-240V / 50-60Hz
- Aluminium Body
- ø: 460mm h: 900mm
- 70W
- 6400K



COB  
LED

**NEW** HL 517L

- 220-240V / 50-60Hz
- Aluminium Body
- ø: 530mm h: 900mm
- 90W
- 6400K







### HL 100

WHITE  
BLACK



- 220-240V / 50-60Hz
- Max. 150W



### HL 101

WHITE  
BLACK



- 220-240V / 50-60Hz
- Max. 500W



## Halogen Projectors Metal Halide Projectors LED Projectors



### HL 102

WHITE  
BLACK



- 220-240V / 50-60Hz
- Max. 1000W



### HL 103

WHITE  
BLACK



- 220-240V / 50-60Hz
- Max. 1500W

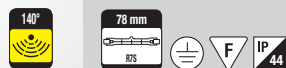


### HL 104

WHITE  
BLACK



- 220-240V / 50-60Hz
- Max. 150W

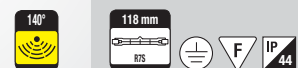


### HL 105

WHITE  
BLACK



- 220-240V / 50-60Hz
- Max. 500W





### HL 106

- 220-240V / 50-60Hz
- Max. 150W



### HL 107

- 220-240V / 50-60Hz
- Max. 500W



### HL 108

- 220-240V / 50-60Hz
- Max. 2x150W



### HL 109

- 220-240V / 50-60Hz
- Max. 500W



### HL 110

- 220-240V / 50-60Hz
- Max. 2x500W



INDOOR



### HL 115

WHITE  
BLACK  
SILVER

- 220-240V / 50-60Hz
- Max. 500W



**HL 120**

WHITE  
BLACK




- Built-in suitable ignitor, ballast
- 220-240V / 50-60Hz
- Max. 150W



**HL 120A**

WHITE  
BLACK




- 220-240V / 50-60Hz
- Max. 150W




**HL 131**



- Built-in suitable ignitor, ballast
- 220-240V / 50-60Hz
- Max. 400W



**HL 131A**



- 220-240V / 50-60Hz
- Max. 400W




**HL 135**

WHITE  
SILVER




- Built-in suitable ignitor, ballast, capacitor
- 220-240V / 50-60Hz
- Max. 150W



SMD  
LED

### HL 171L

BLACK  
SILVER

6500K

- 220-240V / 50-60Hz
- Average Life: 50.000 Hrs
- 10W



SMD  
LED

### HL 172L

BLACK  
SILVER

6500K

- 220-240V / 50-60Hz
- Average Life: 50.000 Hrs
- 30W



SMD  
LED

### HL 173L

BLACK  
SILVER

6500K

- 220-240V / 50-60Hz
- Average Life: 50.000 Hrs
- 50W





### HL 900

WHITE  
BLACK



● 220-240V / 50-60Hz  
● Max. 60W



### HL 901

WHITE  
BLACK



● 220-240V / 50-60Hz  
● Max. 60W



## Aluminium Bulkhead Lamps



### HL 902

WHITE  
BLACK



● 220-240V / 50-60Hz  
● Max. 60W



### HL 903

WHITE  
BLACK  
GREY



● 220-240V / 50-60Hz  
● Max. 60W



### HL 904

WHITE  
BLACK



● 220-240V / 50-60Hz  
● Max. 60W



### HL 905

WHITE  
BLACK



● 220-240V / 50-60Hz  
● Max. 60W



### HL 906

WHITE  
BLACK



● 220-240V / 50-60Hz  
● Max. 60W





**HL 907**

WHITE  
BLACK



● 220-240V / 50-60Hz  
● Max. 60W

E27    

**HL 908**

WHITE  
BLACK



● 220-240V / 50-60Hz  
● Max. 40W

E27    

**HL 909**

WHITE  
BLACK



● 220-240V / 50-60Hz  
● Max. 60W

E27    

**HL 910**

WHITE  
BLACK



● 220-240V / 50-60Hz  
● Max. 60W

E27    

**HL 911**

WHITE  
BLACK



● 220-240V / 50-60Hz  
● Max. 60W

E27    

**HL 920**

WHITE  
BLACK



● 220-240V / 50-60Hz  
● Max. 100W

E27    



**HL 921**

WHITE  
BLACK



● 220-240V / 50-60Hz  
● Max. 100W

E27    

### HL 925

WHITE  
BLACK



- 220-240V / 50-60Hz
- Max. 100W



### HL 926

WHITE  
BLACK



- 220-240V / 50-60Hz
- Max. 100W



### HL 930

WHITE  
BLACK  
MAT GREY



- 220-240V / 50-60Hz
- Max. 60W





**HL 191**  
BLACK

- 220-240V / 50-60Hz
- Max. 125W

E27, Grounding, F, IP 65



**HL 192**  
BLACK

- 220-240V / 50-60Hz
- Max. 250W

E40, Grounding, F, IP 65



**Street Lamps**  
**LED Street Lamps**

PCB, RoHS, CE, Energy Star




**HL 190**  
WHITE

- 220-240V / 50-60Hz
- Max. 60W
- Max. 20W ESL

E27, E27, Grounding, F, IP 65



COB  
LED



**NEW** HL 193L

SILVER

- 220-240V / 50-60Hz
- 6400K
- 1x30W



COB  
LED



**NEW** HL 194L

SILVER

- 220-240V / 50-60Hz
- 6400K
- 4x15W





**HL 295**  
BLACK

- 220-240V / 50-60Hz
- Stainless Steel and Galvanized Steel Body
- Diffuser: PC
- Max 100W
- Max 20W ESL

E27 E27

**HL 296**  
BLACK

- 220-240V / 50-60Hz
- Stainless Steel and Galvanized Steel Body
- Diffuser: PC
- Max 100W
- Max 20W ESL

E27 E27

**Garden Lamps**



**HL 297**  
BLACK

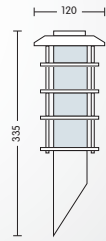
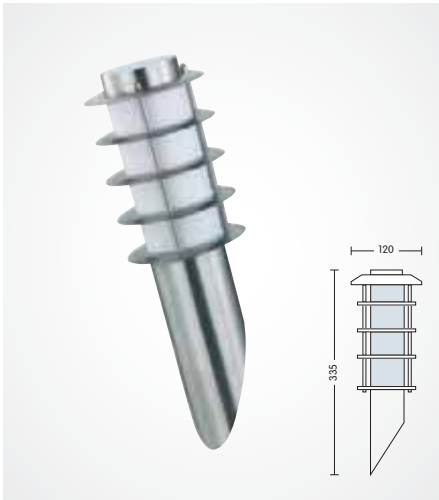
- 220-240V / 50-60Hz
- Stainless Steel and Galvanized Steel Body
- Diffuser: PC
- Max 100W
- Max 20W ESL

E27 E27

**HL 298**  
BLACK

- 220-240V / 50-60Hz
- Stainless Steel and Galvanized Steel Body
- Diffuser: PC
- Max 100W
- Max 20W ESL

E27 E27



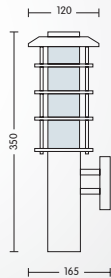
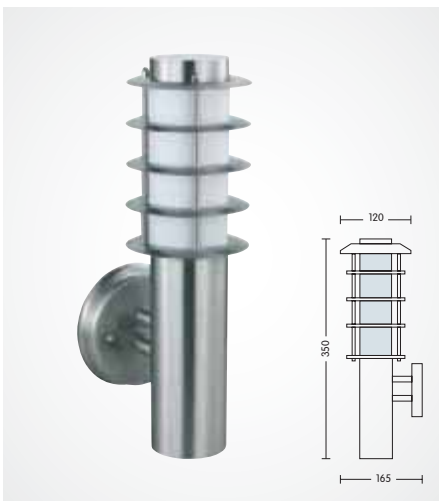
### HL 200

- 220-240V / 50-60Hz
- Stainless Steel and Galvanized Steel Body
- Diffuser: PC
- Max 60W
- Max 11W ESL



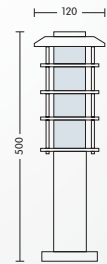
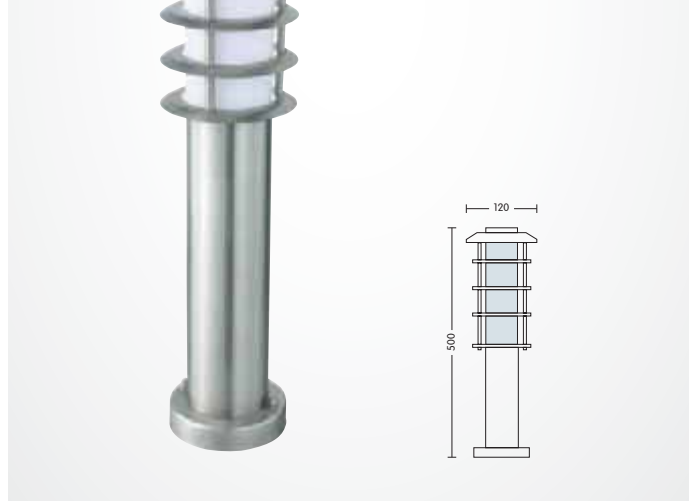
### HL 202

- 220-240V / 50-60Hz
- Stainless Steel and Galvanized Steel Body
- Diffuser: PC
- Max 60W
- Max 11W ESL



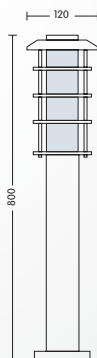
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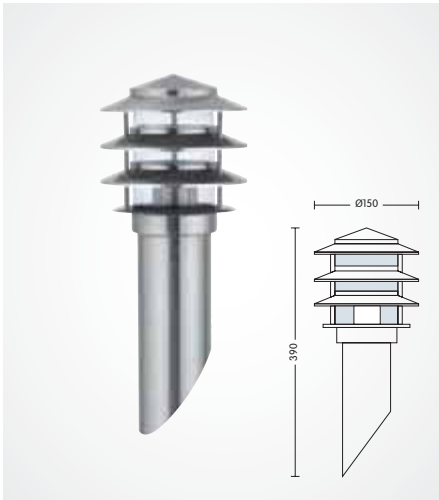
- 220-240V / 50-60Hz
- Stainless Steel and Galvanized Steel Body
- Diffuser: PC
- Max 60W
- Max 11W ESL



### HL 203

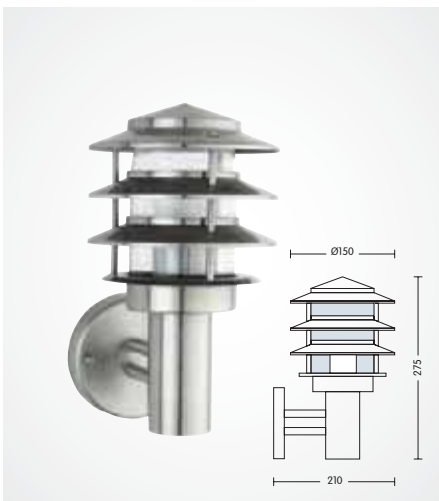
- 220-240V / 50-60Hz
- Stainless Steel and Galvanized Steel Body
- Diffuser: PC
- Max 60W
- Max 11W ESL





### HL 205

- 220-240V / 50-60Hz
- Stainless Steel and Galvanized Steel Body
- Diffuser: PC
- Max 60W



### HL 206

- 220-240V / 50-60Hz
- Stainless Steel and Galvanized Steel Body
- Diffuser: PC
- Max 60W



### HL 207

- 220-240V / 50-60Hz
- Stainless Steel and Galvanized Steel Body
- Diffuser: PC
- Max 60W



### HL 208

- 220-240V / 50-60Hz
- Stainless Steel and Galvanized Steel Body
- Diffuser: PC
- Max 60W

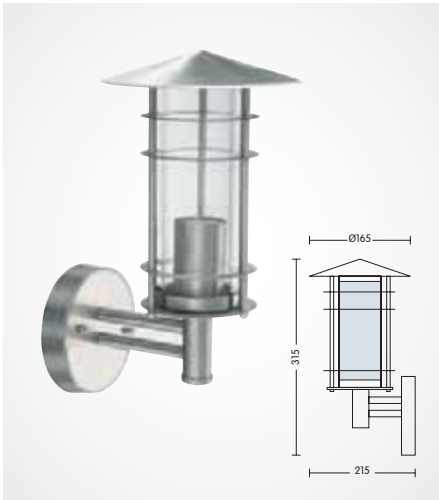


### HL 209

- 220-240V / 50-60Hz
- Stainless Steel and Galvanized Steel Body
- Diffuser: PC
- Max 60W

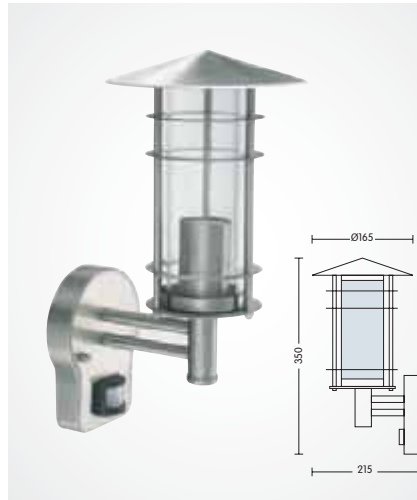






### HL 215

- 220-240V / 50-60Hz
- Stainless Steel and Galvanized Steel Body
- Diffuser: Glass
- Max 60W
- Max 11W ESL



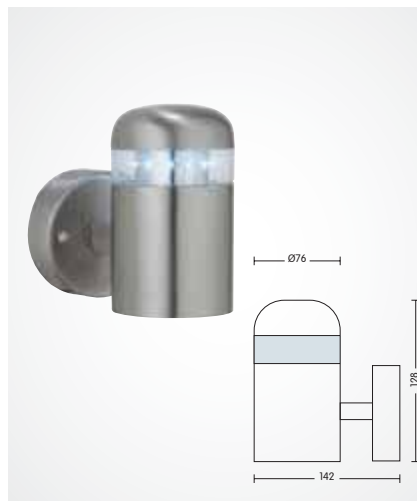
### HL 216

- 220-240V / 50-60Hz
- Stainless Steel and Galvanized Steel Body
- Diffuser: Glass
- Max 60W



### HL 220L

- 220-240V / 50-60Hz
- Stainless Steel Body
- Diffuser: PC
- Included Bulb
- Per Granule Max 0.12W



### HL 221L

- 220-240V / 50-60Hz
- Stainless Steel Body
- Diffuser: PC
- Included Bulb
- Per Granule Max 0.12W



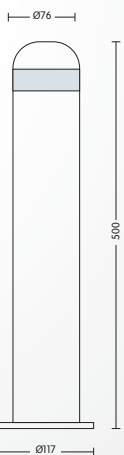
### HL 223L

- 220-240V / 50-60Hz
- Stainless Steel Body
- Diffuser: PC
- Included Bulb
- Per Granule Max 0.12W



### HL 222L

- 220-240V / 50-60Hz
- Stainless Steel Body
- Diffuser: PC
- Included Bulb
- Per Granule Max 0.12W





### HL 225L



- 220-240V / 50-60Hz
- Stainless Steel Body
- Diffuser: Clear PC
- Included Bulb
- Per Granule Max 0.12W






### HL 226L



- 220-240V / 50-60Hz
- Stainless Steel Body
- Diffuser: Clear PC
- Included Bulb
- Per Granule Max 0.12W






### HL 227L



- 220-240V / 50-60Hz
- Stainless Steel Body
- Diffuser: Clear PC
- Included Bulb
- Per Granule Max 0.12W






### HL 228L



- 220-240V / 50-60Hz
- Stainless Steel Body
- Diffuser: Clear PC
- Included Bulb
- Per Granule Max 0.12W








### HL 230

- 220-240V / 50-60Hz
- Stainless Steel Body
- Diffuser: PC
- Max 60W

E27, Ground, F, IP 44

### HL 231

- 220-240V / 50-60Hz
- Stainless Steel Body
- Diffuser: PC
- Max 60W

E27, SENSOR, Ground, F, IP 44

### HL 232

- 220-240V / 50-60Hz
- Stainless Steel Body
- Diffuser: PC
- Max 60W

E27, Ground, F, IP 44

### HL 233

- 220-240V / 50-60Hz
- Stainless Steel Body
- Diffuser: PC
- Max 60W

E27, Ground, F, IP 44

### HL 234

- 220-240V / 50-60Hz
- Stainless Steel Body
- Diffuser: PC
- Max 60W

E27, Ground, F, IP 44

### HL 235

- 220-240V / 50-60Hz
- Stainless Steel Body
- Diffuser: PC
- Max 60W

E27, Ground, F, IP 44

### HL 236

- 220-240V / 50-60Hz
- Stainless Steel Body
- Diffuser: PC
- Max 60W

E27, SENSOR, Ground, F, IP 44

### HL 237

- 220-240V / 50-60Hz
- Stainless Steel Body
- Diffuser: PC
- Max 60W

E27, Ground, F, IP 44

### HL 240

- 220-240V / 50-60Hz
- Stainless Steel Body
- Diffuser: Glass
- Max 60W

E27, Grounding, F, IP44

### HL 241

- 220-240V / 50-60Hz
- Stainless Steel Body
- Diffuser: Glass
- Max 60W

E27, SENSOR, Grounding, F, IP44

### HL 243

- 220-240V / 50-60Hz
- Stainless Steel Body
- Diffuser: Glass
- Max 60W

E27, Grounding, F, IP44

### HL 242

- 220-240V / 50-60Hz
- Stainless Steel Body
- Diffuser: Glass
- Max 60W

E27, Grounding, F, IP44

### HL 244

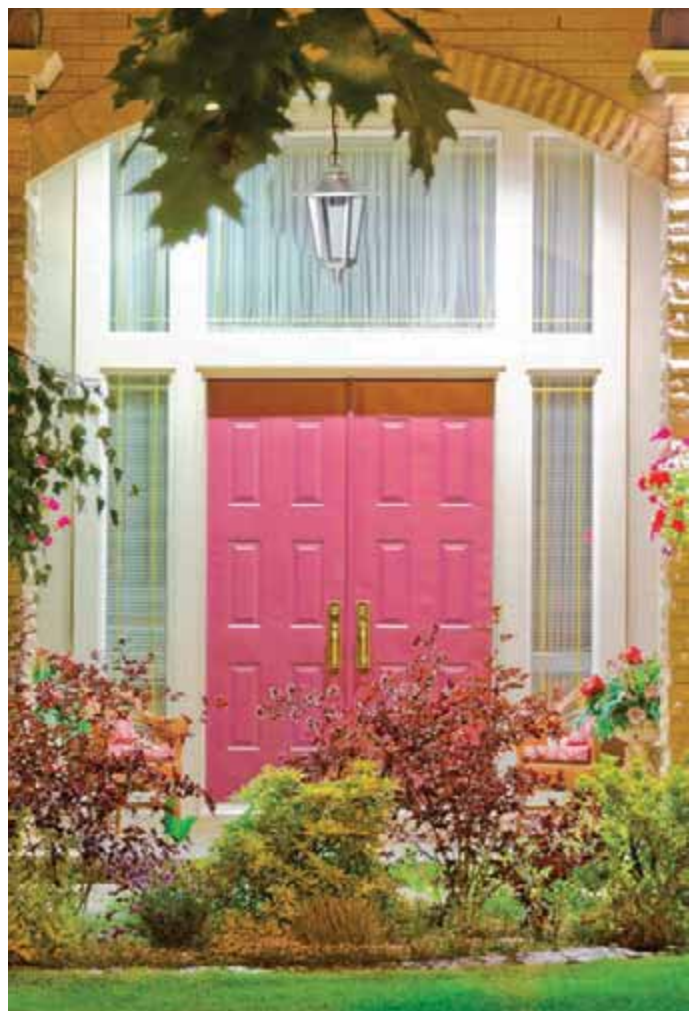
- 220-240V / 50-60Hz
- Stainless Steel Body
- Diffuser: Glass
- Max 60W

E27, Grounding, F, IP44

### HL 245

- 220-240V / 50-60Hz
- Stainless Steel Body
- Diffuser: Glass
- Max 60W

E27, Grounding, F, IP44

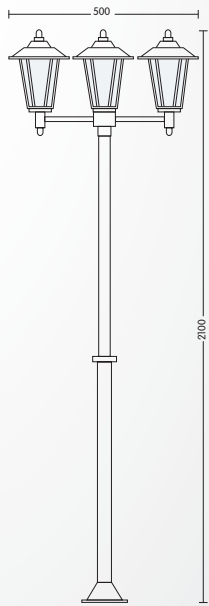




### HL 245P



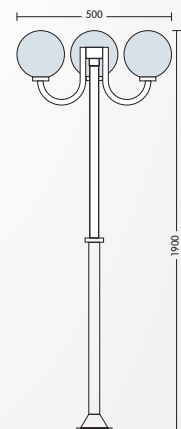
- 220-240V / 50-60Hz
- Stainless Steel Body
- Diffuser: Glass
- Max 3x60W



### HL 258P



- 220-240V / 50-60Hz
- Stainless Steel Body
- Diffuser: Glass
- Max 3x60W
- Max 3x11W ESL





### HL 255

- 220-240V / 50-60Hz
- Stainless Steel Body
- Diffuser: Glass
- Max 60W
- Max 11W ESL

E27 E27

IP 33

### HL 256

- 220-240V / 50-60Hz
- Stainless Steel Body
- Diffuser: Glass
- Max 60W

E27 SENSOR

IP 33



### HL 257

- 220-240V / 50-60Hz
- Stainless Steel Body
- Diffuser: Glass
- Max 60W
- Max 11W ESL

E27 E27

IP 33


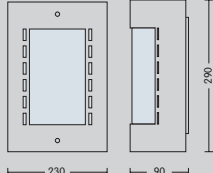
### HL 258

- 220-240V / 50-60Hz
- Stainless Steel Body
- Diffuser: Glass
- Max 60W
- Max 11W ESL

E27 E27

IP 33


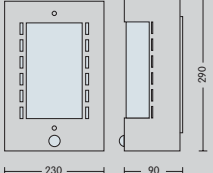
### HL 260

- 220-240V / 50-60Hz
- Stainless Steel Body
- Diffuser: PC
- Max 60W

E27 F IP44

### HL 261

- 220-240V / 50-60Hz
- Stainless Steel Body
- Diffuser: PC
- Max 60W

E27 SENSOR F IP44

### HL 262




- 220-240V / 50-60Hz
- Stainless Steel Body
- Diffuser: PC
- Max 60W

E27 F IP44

### HL 263




- 220-240V / 50-60Hz
- Stainless Steel Body
- Diffuser: PC
- Max 60W

E27 SENSOR F IP44

### HL 265




- 220-240V / 50-60Hz
- Stainless Steel Body
- Diffuser: Glass
- Max 35W

GU10 F IP44

### HL 266




- 220-240V / 50-60Hz
- Stainless Steel Body
- Diffuser: Glass
- Max 2x35W

GU10 F IP44


### HL 267




- 220-240V / 50-60Hz
- Aluminium Body
- Diffuser: Glass
- Max 2x11W ESL

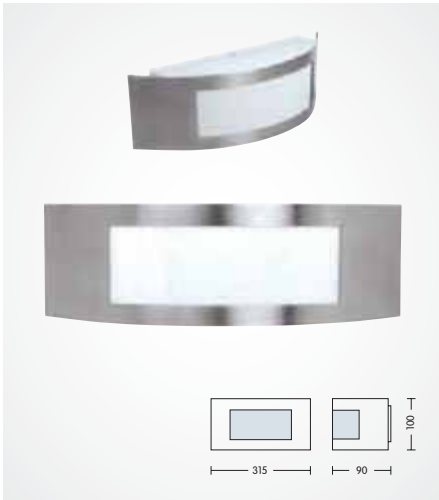
E27 F IP44

### HL 217



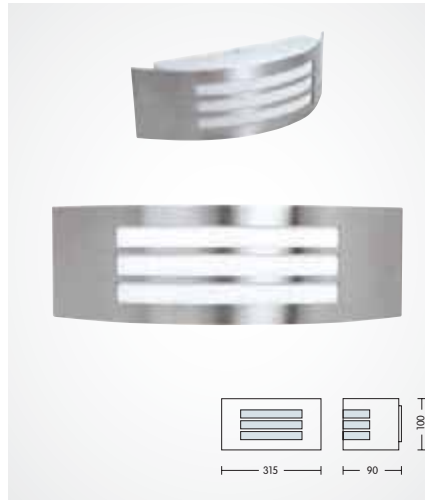

- 220-240V / 50-60Hz
- Stainless Steel Body
- Diffuser: PC & Glass
- Max 60W
- Max 11W ESL

E27 E27 F IP44



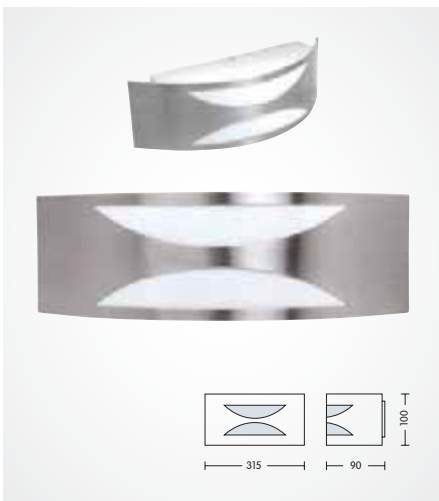
### HL 237

- 220-240V / 50-60Hz
- Stainless Steel Body+PC
- Max 15W ESL



### HL 238

- 220-240V / 50-60Hz
- Stainless Steel Body+PC
- Max 15W ESL



### HL 239

- 220-240V / 50-60Hz
- Stainless Steel Body+PC
- Max 15W ESL



### HL 246

- 220-240V / 50-60Hz
- Stainless Steel Body+PC
- Max 35W



### HL 247

- 220-240V / 50-60Hz
- Stainless Steel Body+PC
- Max 2x35W



### HL 248

- 220-240V / 50-60Hz
- Stainless Steel Body+PC
- Max 35W



### HL 249

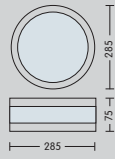
- 220-240V / 50-60Hz
- Stainless Steel Body+PC
- Max 2x35W







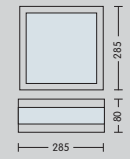
### HL 218



- 220-240V / 50-60Hz
- Stainless Steel Body+PC
- Max 2x11W ESL



### HL 219



- 220-240V / 50-60Hz
- Stainless Steel Body+PC
- Max 2x11W ESL



### HL 270

ANTIQUE RED COPPER  
BLACK  
WHITE

- 220-240V / 50-60Hz
- Aluminium Body
- Diffuser: Glass
- Max 60W



### HL 271

ANTIQUE RED COPPER  
BLACK  
WHITE

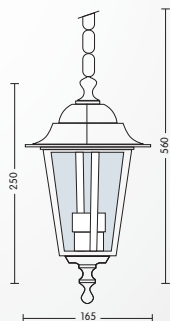
- 220-240V / 50-60Hz
- Aluminium Body
- Diffuser: Glass
- Max 60W



### HL 272

ANTIQUE RED COPPER  
BLACK  
WHITE

- 220-240V / 50-60Hz
- Aluminium Body
- Diffuser: Glass
- Max 60W



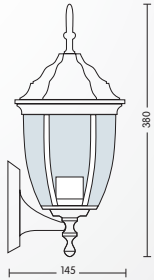


### HL 275

ANTIQUE RED COPPER  
BLACK  
WHITE



- 220-240V / 50-60Hz
- Aluminium Body
- Diffuser: Glass
- Max 60W

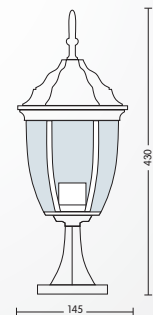


### HL 276

ANTIQUE RED COPPER  
BLACK  
WHITE



- 220-240V / 50-60Hz
- Aluminium Body
- Diffuser: Glass
- Max 60W

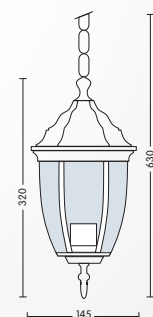


### HL 277

ANTIQUE RED COPPER  
BLACK  
WHITE



- 220-240V / 50-60Hz
- Aluminium Body
- Diffuser: Glass
- Max 60W

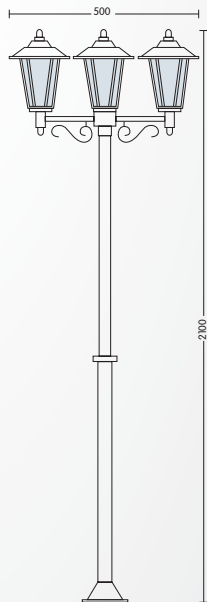




### HL 270P

BLACK

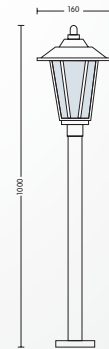
- 220-240V / 50-60Hz
- Aluminium Body
- Diffuser: Glass
- Max 3x60W



### HL 270M

BLACK

- 220-240V / 50-60Hz
- Aluminium Body
- Diffuser: Glass
- Max 60W



### HL 273P

BLACK

- 220-240V / 50-60Hz
- Aluminium Body
- Diffuser: Glass
- Max 60W



### HL 280




- 220-240V / 50-60Hz
- Aluminium Body
- Diffuser: Glass
- Max 50W

MR16  
53  
F  
IP 55

### HL 281




- 220-240V / 50-60Hz
- Aluminium Body
- Diffuser: Glass
- Max 50W

MR16  
53  
F  
IP 55

### HL 282




- 220-240V / 50-60Hz
- Aluminium Body
- Diffuser: Glass
- Max 50W

MR16  
53  
F  
IP 55



### HL 285L



- 220-240V / 50-60Hz
- Stainless Steel
- 2W

LED  
20 pcs  
F  
IP 68

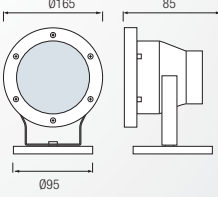



Ø120 90  
Ø95

### HL 286L

- 220-240V / 50-60Hz
- Stainless Steel
- 3.2W

LED  
32 pcs  
F  
IP 68

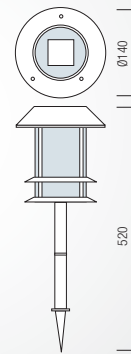
Ø165 85  
Ø95



**Solar Lamps**



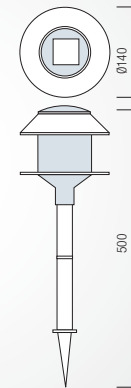
**HL 290L**



- Ni-MH AA600mAh 1.2V
- 1200-15000 cdm
- 0.24W



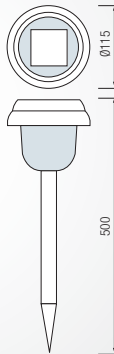
**HL 291L**



- Ni-MH AA600mAh 1.2V
- 1200-15000 cdm
- 0.12W



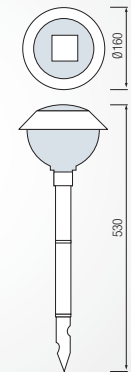
**HL 292L**



- Ni-MH AA600mAh 1.2V
- 1200-15000 cdm
- 0.12W



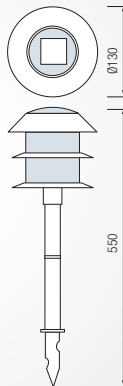
**HL 293L**



- Ni-MH AA600mAh 1.2V
- 1200-15000 cdm
- 0.12W



**HL 294L**



- Ni-MH AA600mAh 1.2V
- 1200-15000 cdm
- 0.12W





**HL 940L**

WHITE  
BLUE

• 220-240V / 50-60Hz  
• 1.2W

LED 12 pcs

IP 67

**HL 941L**

WHITE  
BLUE

• 220-240V / 50-60Hz  
• 1.2W

LED 12 pcs

IP 67

**Inground & Recessed Type LED Lamps**

CE RoHS

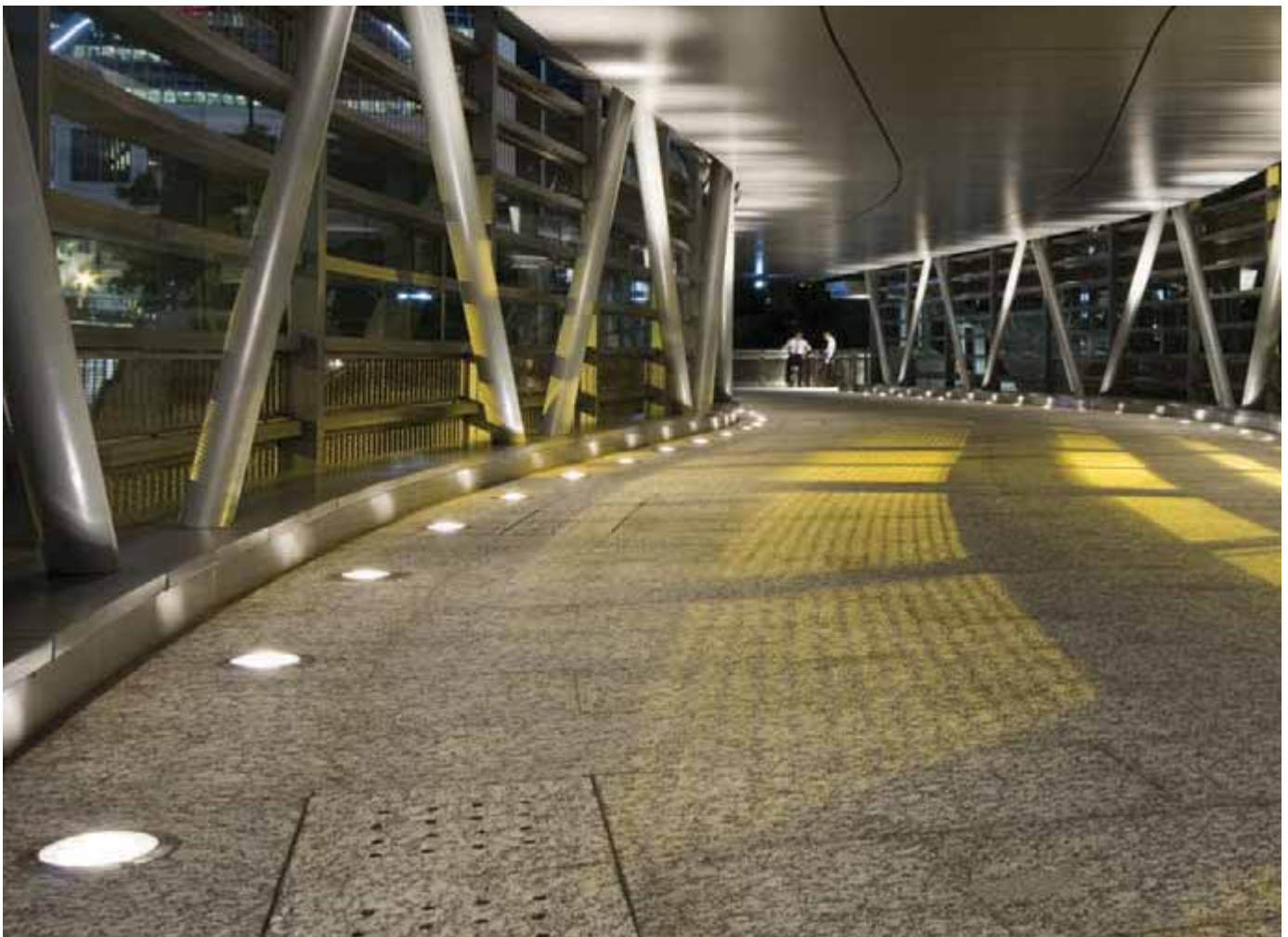
**HL 945L**



WHITE  
BLUE

• 220-240V / 50-60Hz  
• 1.8W

LED 18 pcs

IP 67

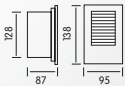



**HL 931L**

WHITE  
BLUE

- 220-240V / 50-60Hz
- 1.5W



**HL 934L**

WHITE  
BLUE

- 220-240V / 50-60Hz
- 1.5W





**HL 932L**

WHITE  
BLUE

- 220-240V / 50-60Hz
- 1.8W





**HL 935L**

WHITE  
BLUE

- 220-240V / 50-60Hz
- 1.8W





**HL 933L**

WHITE  
BLUE

- 220-240V / 50-60Hz
- 2.7W





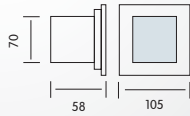
**HL 936L**

WHITE  
BLUE

- 220-240V / 50-60Hz
- 2.7W



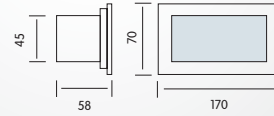




### HL 942L

WHITE  
BLUE

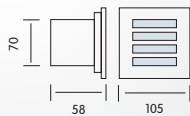
- 220-240V / 50-60Hz
- Aluminium + Stainless Steel, PCB Board
- 1.6W



### HL 946L

WHITE  
BLUE

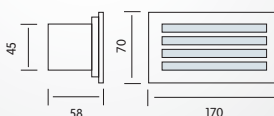
- 220-240V / 50-60Hz
- Aluminium + Stainless Steel, PCB Board
- 1.6W



### HL 943L

WHITE  
BLUE

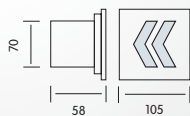
- 220-240V / 50-60Hz
- Aluminium + Stainless Steel, PCB Board
- 1.6W



### HL 947L

WHITE  
BLUE

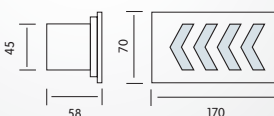
- 220-240V / 50-60Hz
- Aluminium + Stainless Steel, PCB Board
- 1.6W



### HL 944L

WHITE  
BLUE

- 220-240V / 50-60Hz
- Aluminium + Stainless Steel, PCB Board
- 1.6W



### HL 948L

WHITE  
BLUE


- 220-240V / 50-60Hz
- Aluminium + Stainless Steel, PCB Board
- 1.6W



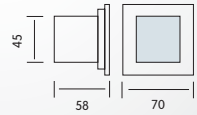


**HL 951L**

WHITE  
BLUE



● 220-240V / 50-60Hz  
● Aluminium + Stainless Steel, PCB Board  
● 0.9W



LED  
9 pcs


TT

F

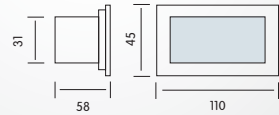
IP 54

**HL 954L**

WHITE  
BLUE



● 220-240V / 50-60Hz  
● Aluminium + Stainless Steel, PCB Board  
● 1.2W



LED  
12 pcs

TT

F

IP 54

**HL 952L**

WHITE  
BLUE



● 220-240V / 50-60Hz  
● Aluminium + Stainless Steel, PCB Board  
● 0.9W



LED  
9 pcs


TT

F

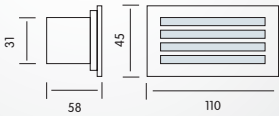
IP 54

**HL 955L**

WHITE  
BLUE



● 220-240V / 50-60Hz  
● Aluminium + Stainless Steel, PCB Board  
● 1.2W



LED  
12 pcs


TT

F

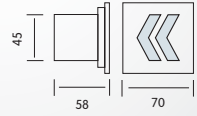
IP 54

**HL 953L**

WHITE  
BLUE



● 220-240V / 50-60Hz  
● Aluminium + Stainless Steel, PCB Board  
● 0.9W



LED  
9 pcs

TT

F

IP 54

**HL 956L**

WHITE  
BLUE



● 220-240V / 50-60Hz  
● Aluminium + Stainless Steel, PCB Board  
● 1.2W



LED  
12 pcs

TT

F

IP 54







**LED Strips**  
**LED Drivers**  
**Waterproof LED Drivers**  
**RGB Controllers**  
**Ropelights**  
**Ropelight Controller**



COOL WHITE



WHITE 6400K



BLUE



GREEN



RED



YELLOW



RGB

Standart Length:  
1 m / 54 LED



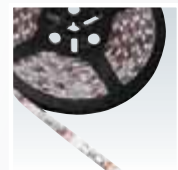
3 LEDs make a group and each group can be cut or extended in terms of the length of application



**HL 540L**

WATERPROOF

- Operation Voltage: 12V DC
- Input Current: 2A (1 Roll/5m)
- Power: 24W (1 Roll/5m)
- Standart Length: 1 m / 60 LED
- LED Type: 35x28 SMD
- LED View Angle: 120
- Package: 5 m / Roll
- PCB Color: White
- With 3M Self-adhesive backing for easy installation



## HL 541L

NONWATERPROOF

- Operation Voltage: 12V DC
- Input Current: 2A (1 Roll/5m)
- Power: 24W (1 Roll/5m)
- Standart Length: 1 m / 60 LED
- LED Type: 35x28 SMD
- LED View Angle: 120
- Package: 5 m / Roll
- PCB Color: White
- With 3M Self-adhesive backing for easy installation



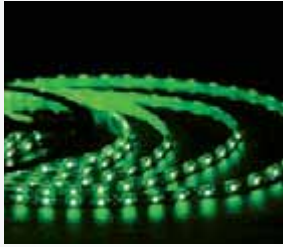
COOL WHITE



WHITE 6400K



BLUE



GREEN



RED



YELLOW



3 LEDs make a group and each group can be cut or extended in terms of the length of application



## HL 542L

WATERPROOF

- Operation Voltage: 12V DC
- Input Current: 6A (1 Roll/5m)
- Power: 72W (1 Roll/5m)
- Standart Length: 1 m / 60 LED
- LED Type: 50x50 SMD
- LED View Angle: 120
- Package: 5 m / Roll
- PCB Color: White
- With 3M Self-adhesive backing for easy installation



RGB



WHITE 6400K



BLUE



GREEN



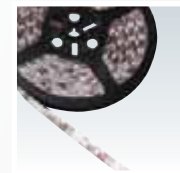
RED



YELLOW



3 LEDs make a group and each group can be cut or extended in terms of the length of application





**HL 543L**

WATERPROOF

- Operation Voltage: 220-240V / 50-60Hz
- Power: 10W/m
- Standart Length: 1 m / 60 LED
- LED Type: 50x50 SMD
- LED View Angle: 120
- Package: 50 m / Roll
- 10 accessory



**220-240V**



WHITE 6400K



BLUE



GREEN



RED





**HL 544**

- AC 220-240V / 50-60Hz
- Output Voltage: DC 12V
- Output Power: 10W
- Output Current: 0,8A
- For 2m 35x28 SMD LED Strip
- For 1m 50x50 SMD LED Strip



**HL 545**

- AC 220-240V / 50-60Hz
- Output Voltage: DC 12V
- Output Power: 36W
- Output Current: 3A
- For 5m 35x28 SMD LED Strip
- For 1.5m 50x50 SMD LED Strip



**HL 546**

- AC 220-240V / 50-60Hz
- Output Voltage: DC 12V
- Output Power: 60W
- Output Current: 5A
- For 10m 35x28 SMD LED Strip
- For 4m 50x50 SMD LED Strip



**HL 547**

- AC 220-240V / 50-60Hz
- Output Voltage: DC 12V
- Output Power: 100W
- Output Current: 10A
- For 20m 35x28 SMD LED Strip
- For 8m 50x50 SMD LED Strip



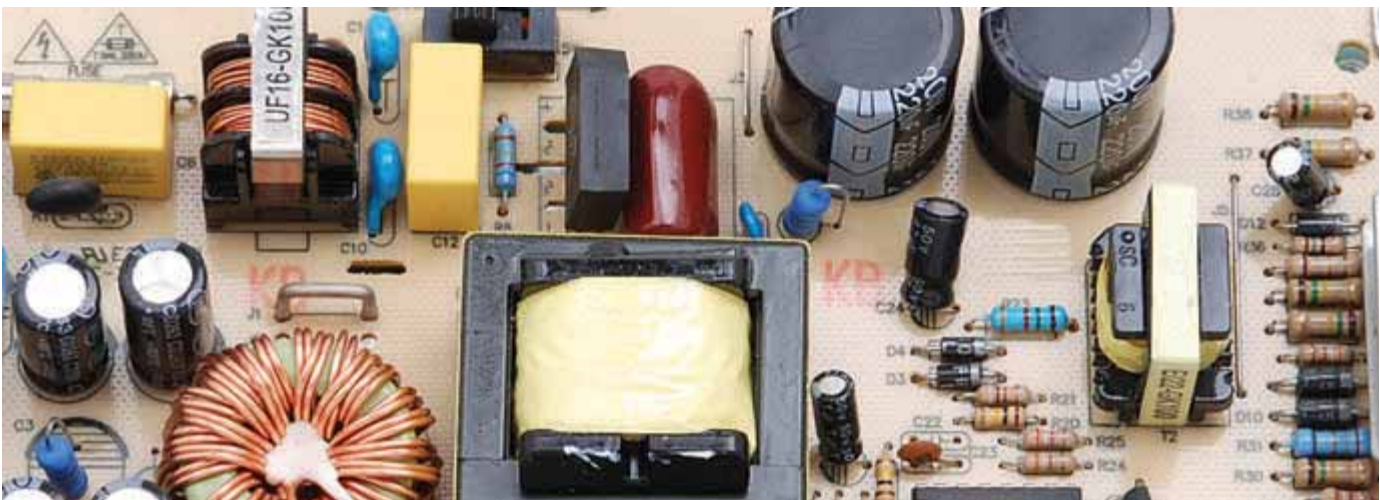
**HL 548**

- AC 220-240V / 50-60Hz
- Output Voltage: DC 12V
- Output Power: 150W
- Output Current: 12A
- For 30m 35x28 SMD LED Strip
- For 10m 50x50 SMD LED Strip



**HL 549**

- AC 220-240V / 50-60Hz
- Output Voltage: DC 12V
- Output Power: 200W
- Output Current: 17A
- For 40m 35x28 SMD LED Strip
- For 13m 50x50 SMD LED Strip







### HL 553

WATERPROOF

- AC 220-240V / 50-60Hz
- Output Voltage: DC 12V
- Output Power: 25W
- Output Current: 2A
- For Max. 5m 35x28 SMD Led Strip
- For Max. 1.7m 50x50 SMD Led Strip



### HL 555

WATERPROOF

- AC 220-240V / 50-60Hz
- Output Voltage: DC 12V
- Output Power: 60W
- Output Current: 5A
- For Max. 12m 35x28 SMD Led Strip
- For Max. 4m 50x50 SMD Led Strip



### HL 557

WATERPROOF

- AC 220-240V / 50-60Hz
- Output Voltage: DC 12V
- Output Power: 120W
- Output Current: 10A
- For Max. 25m 35x28 SMD Led Strip
- For Max. 8m 50x50 SMD Led Strip



### HL 558

WATERPROOF

- AC 220-240V / 50-60Hz
- Output Voltage: DC 12V
- Output Power: 180W
- Output Current: 15A
- For Max. 37m 35x28 SMD Led Strip
- For Max. 12m 50x50 SMD Led Strip



### HL 559

WATERPROOF

- AC 220-240V / 50-60Hz
- Output Voltage: DC 12V
- Output Power: 200W
- Output Current: 17A
- For Max. 40m 35x28 SMD Led Strip
- For Max. 13m 50x50 SMD Led Strip



### RGB Controller 4A

For Max. 30m 35x28 SMD LED Strip

For Max. 10m 50x50 SMD LED Strip

- DC 12V - 24V
- Output Voltage: DC 12V - 24V
- Output Power: 144W
- Output Current: 4A/Each Color



### RGB Controller 2A

For Max. 15m 35x28 SMD LED Strip

For Max. 5m 50x50 SMD LED Strip

- DC 12V - 24V
- Output Voltage: DC 12V - 24V
- Output Power: 72W
- Output Current: 2A/Each Color





CLEAR



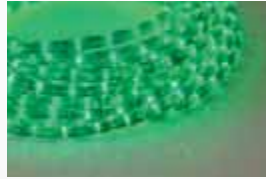
YELLOW



RED



BLUE



GREEN



COLORFULL

### ROPELIGHT

2 LINE  
100m ROLL  
13 mm  
10 accessories

● 220-240V / 50-60Hz



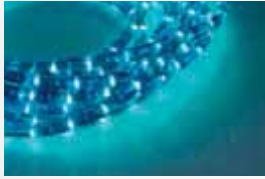
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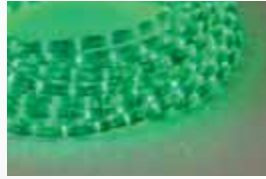
YELLOW



RED



BLUE



GREEN



COLORFULL

### LED ROPELIGHT

2 LINE  
100m ROLL  
13 mm  
10 accessories

● 220-240V / 50-60Hz



### ROPELIGHT CONTROLLER

3 LINE  
10 m

● 220-240V / 50-60Hz  
● 8 programs  
● Max. Power 200W



**HL 334L**

RECHARGEABLE LED TORCH



- 220-240V / 50-60Hz
- 1W
- 4V 900mAh Rechargeable Sealed-Acid Battery
- Duration Time: 2,5 Hours

POWERLED  
1 pcs

F IP 20

**HL 335L**


RECHARGEABLE LED TORCH



- 220-240V / 50-60Hz
- 1W
- 4V 900mAh Rechargeable Sealed-Acid Battery
- Duration Time: 2,5 Hours

POWERLED  
1 pcs

F IP 20



**Rechargeable & Emergency Lanterns**

PCB RoHS



**HL 336L**

RECHARGEABLE LED TORCH



- 220-240V / 50-60Hz
- 3W
- 4V 3Ah Rechargeable Sealed-Acid Battery
- Duration Time: 4 Hours

POWERLED  
1 pcs

F IP 20

**HL 337L**

RECHARGEABLE LED TORCH



- 220-240V / 50-60Hz
- 3W
- 6V 4,5Ah Rechargeable Sealed-Acid Battery
- Duration Time: 6 Hours

POWERLED  
1 pcs

F IP 20

**HL 338L**

RECHARGEABLE LED LANTERN



- 220-240V / 50-60Hz
- 19x1500 MCD 110° Bright Led Torch
- 1,9W
- 4V 3Ah Rechargeable Sealed-Acid Battery
- Duration Time: 7 Led 24 Hours, 19 Led 10 Hours

LED  
19 pcs

F IP 20

**HL 339L**

RECHARGEABLE LED LANTERN



- 220-240V / 50-60Hz
- 36x1500 MCD 110° Bright Led Torch
- 3,6W
- 6V 4,5Ah Rechargeable Sealed-Acid Battery
- Duration Time: 16 Led 15 Hours, 36 Led 6 Hours

LED  
36 pcs

F IP 20





### HL 331L

RECHARGEABLE LED TORCH

- 220-240V / 50-60Hz
- 4x1500 MCD 110° Bright Led Torch
- 4V 400mAh Rechargeable Sealed-Acid Battery
- Duration Time: 5 Hours



### HL 332L

RECHARGEABLE LED TORCH

- 220-240V / 50-60Hz
- 5x1500 MCD 110° Bright Led Torch
- 4V 400mAh Rechargeable Sealed-Acid Battery
- Duration Time: 4 Hours



### HL 333L

RECHARGEABLE LED TORCH

- 220-240V / 50-60Hz
- 9x1500 MCD 110° Bright Led Torch
- 4V 1.0Ah Rechargeable Sealed-Acid Battery
- Duration Time: 5Hours



### HL 340

- 12V
- 35W Bulb





**NEW** HL 3094L

RECHARGEABLE LED LANTERN

ORANGE  
GREEN  
PURPLE  
DARK RED  
BLUE

- 220-240V / 50-60Hz
- 4x0,1W
- 9.000-15.000K
- 30.000 Hours



HL 318L

RECHARGEABLE LED LANTERN

- 220-240V / 50-60Hz
- 9x1500 MCD 110°  
Bright Led Light
- 4V 0,6Ah Rechargeable Sealed-Acid Battery
- Duration Time:  
6 Led: 8 Hours  
3 Led: 16 Hours



**NEW** HL 3094L

RECHARGEABLE LED LANTERN

ORANGE  
GREEN  
PURPLE  
DARK RED  
BLUE

- 220-240V / 50-60Hz
- 4x0,1W
- 9.000-15.000K
- 30.000 Hours



HL 329L

RECHARGEABLE LED LANTERN

- 220-240V / 50-60Hz
- 10x1500 MCD 110°  
Bright Led Light
- 4V 2,0Ah Rechargeable Sealed-Acid Battery
- Duration Time: 10 Hours
- 360° Light Distribution
- Light Adjusting



**NEW** HL 3099L

RECHARGEABLE LED LANTERN

ORANGE  
GREEN  
PURPLE  
DARK RED  
BLUE

- 220-240V / 50-60Hz
- 4x0,1W
- 9.000-15.000K
- 30.000 Hours



HL 319L

RECHARGEABLE LED LANTERN

- 220-240V / 50-60Hz
- 18x1500 MCD 110°  
Bright Led Light
- 3x1500 MCD 110°  
Bright Led Torch
- 6V 4,0Ah Rechargeable Sealed-Acid Battery
- Duration Time:  
For 18 Led 35 Hours  
For 3 Led 50 Hours



HL 327L

RECHARGEABLE LED TORCH

- 220-240V / 50-60Hz
- 7x1500 MCD 110°  
Bright Led Torch
- 4V 1,0Ah Rechargeable Sealed-Acid Battery
- Duration Time: 8 Hours



HL 319LR

RECHARGEABLE LED LANTERN WITH RADIO

- 220-240V 50/60 Hz
- 24x1500 MCD 110°  
Bright Led Light
- 3x1500 MCD 110°  
Bright Led Torch
- 6V 2,0Ah Rechargeable Sealed-Acid Battery
- Duration time  
For 24 Led: 12 hours  
For 3 Led: 24 hours  
For Radio: 8 hours





### HL 300

RECHARGEABLE WALL-MOUNTED LANTERN

- 220-240V / 50-60Hz
- 1 x 20W
- 6V 4,0Ah Rechargeable Sealed-Acid Battery
- Duration Time: 3,5 Hours
- Ceiling & Wall-Mounted
- Emergency & Automatic Light-Up



### HL 303

RECHARGEABLE WALL-MOUNTED LANTERN

- 220-240V / 50-60Hz
- 2 x 8W
- 6V 2,8Ah Rechargeable Sealed-Acid Battery
- Duration Time: 1 Tube 5 Hours, 2 Tubes 2.5 Hours
- Ceiling & Wall-Mounted
- Emergency & Automatic Light-Up



### HL 323L

RECHARGEABLE LED LANTERN

- 220-240V / 50-60Hz
- 35x1500 MCD 110° Bright Led Light
- 6V 2,8Ah Rechargeable Sealed-Acid Battery
- Duration Time: 15 Hours
- Ceiling & Wall-Mounted
- Emergency & Automatic Light-Up



### HL 312L

RECHARGEABLE LED LANTERN

- 220-240V / 50-60Hz
- 60x1500 MCD 110° Bright Led Light
- 4x4V 1Ah Rechargeable Sealed-Acid Battery
- Duration Time: Step 1: 10 Hours, Step 2: 4 Hours



### HL 313L

RECHARGEABLE LED LANTERN

- 220-240V / 50-60Hz
- 32x1500 MCD 110° Bright Led Light
- 2x4V 1Ah Rechargeable Sealed-Acid Battery
- Duration Time: Step 1: 6 Hours, Step 2: 3 Hours



### HL 320L

RECHARGEABLE LED LANTERN

- 220-240V / 50-60Hz
- 36x1500 MCD 110° Bright Led Light
- 4x4V 1,0Ah Rechargeable Sealed-Acid Battery
- Duration Time: 1 Line 12 Hours, 2 Lines 6 Hours
- Ceiling & Wall-Mounted
- Emergency & Automatic Light-Up



### HL 321L

RECHARGEABLE LED LANTERN

- 220-240V / 50-60Hz
- 60x1500 MCD 110° Bright Led Light
- 6V 2,8Ah Rechargeable Sealed-Acid Battery
- Duration Time: 1 Line 22 Hours, 2 Lines 12 Hours, 3 Lines 8 Hours
- Ceiling & Wall-Mounted
- Emergency & Automatic Light-Up





### HL 322L

#### RECHARGEABLE LED LANTERN

- 220-240V / 50-60Hz
- 24x1500 MCD 110° Bright Led Light
- 6V 2.0Ah Rechargeable Sealed-Acid Battery
- Duration Time:
  - 1 Line 32 Hours
  - 2 Lines 20 Hours
  - 3 Lines 13 Hours
- Ceiling & Wall-Mounted
- Emergency & Automatic Light-Up



### HL 306

#### EMERGENCY EXIT & SAFETY EMERGENCY LANTERN

- 220-240V / 50-60Hz
- 1 x 6W
- 2x4V 1.0Ah Rechargeable Sealed-Acid Battery
- Duration Time: 90 Minutes
- Ceiling & Wall-Mounted
- Emergency & Automatic Light-Up



### HL 306L

#### EMERGENCY EXIT & SAFETY EMERGENCY LANTERN

- 220-240V / 50-60Hz
- 18x1500 MCD 110° Bright Led Light
- 2x4V 1.0Ah Rechargeable Sealed-Acid Battery
- Duration Time: 6 Hours
- Ceiling & Wall-Mounted
- Emergency & Automatic Light-Up



### HL 308

#### EMERGENCY EXIT & SAFETY EMERGENCY LANTERN

- 220-240V / 50-60Hz
- 1 x 8W
- 2x4V 1.0Ah Rechargeable Sealed-Acid Battery
- Duration Time: 90 Minutes
- Ceiling & Wall-Mounted
- Emergency & Automatic Light-Up



### HL 308L

#### EMERGENCY EXIT & SAFETY EMERGENCY LANTERN

- 220-240V / 50-60Hz
- 24x1500 MCD 110° Bright Led Light
- 2x4V 1.0Ah Rechargeable Sealed-Acid Battery
- Duration Time: 5 Hours
- Ceiling & Wall-Mounted
- Emergency & Automatic Light-Up





### HL 304L

RECHARGEABLE  
LED DESK LAMP

- 220-240V / 50-60Hz
- 25x1500 MCD 110°  
Bright Led Light
- 6V 2Ah Rechargeable  
Sealed-Acid Battery
- Duration time  
For 24 Led: 10 hours  
For 1 Led: 100 hours



### HL 304LR

RECHARGEABLE  
LED DESK LAMP  
WITH RADIO

- 220-240V / 50-60Hz
- 24x1500 MCD 110°  
Bright Led Light
- 2x4V 900mAh Rechargeable  
Sealed-Acid Battery
- Duration time  
For 24 Led: 4 hours  
Radio: 3 hours



### HL 310L

RECHARGEABLE  
LED LAMP  
E27

- 220-240V / 50-60Hz
- 10x1500 MCD 110°  
Bright Led Light
- 4V 1.0Ah Rechargeable  
Sealed-Acid Battery
- Duration Time: 6 Hours
- Emergency &  
Automatic Light-Up
- AC / DC Operated



### HL 315L

RECHARGEABLE  
LED LAMP

- 220-240V / 50-60Hz
- 12x1500 MCD 110°  
Bright Led Light
- 4V 0,4 Ah Rechargeable  
Sealed-Acid Battery
- Duration time  
Step 1: 4 hours  
Step 2: 2 hours



### HL 330L

EMERGENCY  
EXIT & SAFETY  
LED LAMP

- 220-240V / 50-60Hz
- 6x1500 MCD 110°  
Bright Led Light
- 3.6V 360mAh Rechargeable  
Ni-Cd Battery







**HL 991L**

WHITE  
BLUE  
GREEN  
RED

● 220-240V / 50-60Hz



**HL 992L**

WHITE  
BLUE  
GREEN  
RED

● 220-240V / 50-60Hz



**Night Lamps**



**HL 993L**

WHITE  
BLUE  
GREEN  
RED

● 220-240V / 50-60Hz



**HL 994L**

WHITE  
BLUE  
GREEN  
RED

● 220-240V / 50-60Hz



**HL 990L**

WHITE  
BLUE  
YELLOW  
GREEN  
RED

● 220-240V / 50-60Hz



**HL 980**

WHITE  
BLUE  
YELLOW  
GREEN  
RED

● 220-240V / 50-60Hz  
● 1W



**HL 981**

WHITE  
(LANDSCAPE)

● 220-240V / 50-60Hz  
● 1.5W





**HL 982**

WHITE  
BLUE  
YELLOW  
GREEN  
RED

● 220-240V / 50-60Hz  
● 3W



**HL 983**

WHITE  
BLUE  
YELLOW  
GREEN  
RED

● 220-240V / 50-60Hz  
● 1W



**HL 985**

WHITE  
BLUE  
YELLOW  
GREEN  
RED

● 220-240V / 50-60Hz  
● 1.5W



**HL 986**

BLUE  
YELLOW  
ORANGE  
GREEN  
BLACK

● 220-240V / 50-60Hz  
● 1W





**HL 490**



**Smoke Detector**

- Alkaline 9 V
- Loud Alarm 85db
- Battery Supplied
- Alarms for 10 Minutes

**HL 452**



**Specification**

- Power Source: Emitter - 12V DC (Battery Included)
- Receiving: 3V/DC (2xAA1.5V)
- Working frequency: 315MHz
- Distance: 150m (open position )
- Sound level: 60 db max
- Sound type: 38 songs optional



**Detector  
Doorbells  
Sensors  
Light Control Photosensors**



**HL 453**



**Specification**

- Power Source: Emitter - 12V DC (Battery Included)
- Receiving: 4.5V/DC (3xAA1.5V)
- Working frequency: 315MHz
- Distance: 150m (open position )
- Sound level: 60 db max
- Sound type: 38 songs optional



**HL 454**



**Specification**

- Operation Voltage: 4.5V DC (3xAA1.5V) or 12V DC Adaptor
- Sensing Distance: 6 m
- Distance Range: 110°
- Sound level: 60 db max
- Sound type: Ding Dong, Hello, Welcome + Alarm



**NEW**

**HL 455**



**Specification**

- 4.5V
- Work Voltage of the Emitter: 12V
- Work Frequency: 315 Mhz
- Remote Control: 120m (in open air)
- Sound Type: 38 Songs Optional



**NEW**

**HL 456**



**Specification**

- 4.5V
- Work Voltage of the Emitter: 12V
- Work Frequency: 315 Mhz
- Remote Control: 120m (in open air)
- Sound Type: 38 Songs Optional



**NEW**

**HL 457**



**Specification**

- 4.5V
- Work Voltage of the Emitter: 12V
- Work Frequency: 315 Mhz
- Remote Control: 120m (in open air)
- Sound Type: 38 Songs Optional





### HL 480

WHITE  
BLACK

#### Specification

- Operation Voltage: 220-240V / 50-60Hz
- Detection Distance: 8 ± 1 m Max. (<24°C)
- Time-delay: 5 sec ~ 10±2 min.
- Ambient Light: < 10Lux ~ 2000Lux
- Average Load: Max 1000W



### HL 481

WHITE  
BLACK

#### Specification

- Operation Voltage: 220-240V / 50-60Hz
- Detection Distance: 8 ± 1 m Max. (<24°C)
- Time-delay: 5 sec ~ 10±2 min.
- Ambient Light: < 10Lux ~ 2000Lux
- Average Load: Max 1000W (~220V AC)



### HL 482

WHITE  
BLACK

#### Specification

- Operation Voltage: 220-240V / 50-60Hz
- Detection Distance: 8 ± 2 m Max. (<24°C)
- Time-delay: 5 sec ~ 8±2 min.
- Ambient Light: < 10Lux ~ 2000Lux
- Average Load: Max 1000W (~220V AC)



### HL 483

WHITE  
BLACK

#### Specification

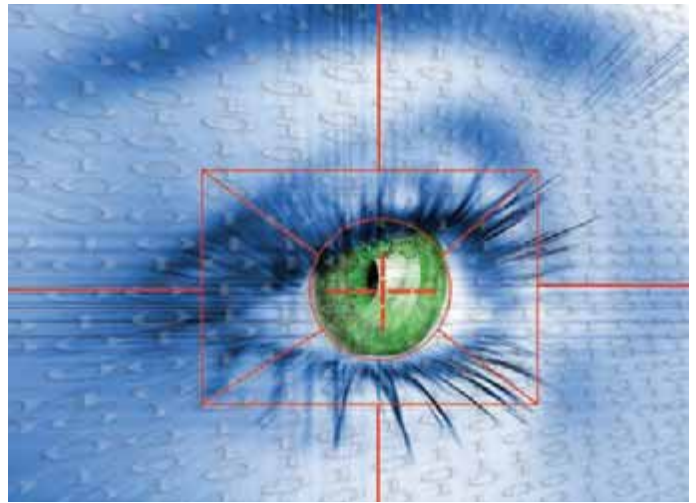
- Operation Voltage: 220-240V / 50-60Hz
- Detection Distance: >8m Max. (<22°C) (adjustable)
- Time-delay: Max: 5 sec ~10±2 min. (adjustable)
- Ambient Light: < 10Lux ~ 1000Lux
- Sound Control Sensitivity: 30db ~ 90db (adjustable)
- Average Load: 500W (220V/AC~240V/AC)



### HL 470

#### Specification

- Operation Voltage: 220-240V / 50-60Hz
- Ambient Light: <50Lux
- Load Power: 1000W (6A)



### HL 471

#### Specification

- Operation Voltage: 220-240V / 50-60Hz
- Ambient Light: <50Lux
- Load Power: 1200W (10A)



### HL 472

#### Specification

- Operation Voltage: 220-240V / 50-60Hz
- Ambient Light: <50Lux
- Load Power: 2700W (25A)







**HL 380** 10W  
**HL 381** 15W  
**HL 382** 18W  
**HL 383** 30W  
**HL 384** 36W

ELECTRONIC BALLAST

● 220-240V / 50-60Hz



**HL 385** 2x18W  
**HL 386** 2x36W

ELECTRONIC BALLAST

● 220-240V / 50-60Hz



**Ballast & Transformers**



**HL 387** 4x18W  
**HL 388** 4x36W

ELECTRONIC BALLAST

● 220-240V / 50-60Hz



**HL 350** 10W  
**HL 351** 13W  
**HL 352** 18W  
**HL 353** 26W

MAGNETIC BALLAST

FOR PL OR PLC LAMP

● 220-240V / 50-60Hz



**HL 355** 18W  
**HL 356** 36W

MAGNETIC BALLAST

FOR FLOURESCENT LAMP

● 220-240V / 50-60Hz



**HL 389** 125W  
**HL 390** 250W  
**HL 391** 400W

MAGNETIC BALLAST

FOR MERCURY LAMP

● 220-240V / 50-60Hz



**HL 392** 70W  
**HL 393** 150W  
**HL 394** 250W  
**HL 395** 400W

MAGNETIC BALLAST

FOR METAL HALIDE LAMP

● 220-240V / 50-60Hz





**HL 360 12V, 50W**

MAGNETIC TRANSFORMER

● 220-240V / 50-60Hz

⊕ F IP20



**HL 361 12V, 105W**

MAGNETIC TRANSFORMER

● 220-240V / 50-60Hz

⊕ F IP20



**HL 370 12V, 60W**  
**HL 371 12V, 105W**  
**HL 372 12V, 150W**

ELECTRONIC TRANSFORMER

● 220-240V / 50-60Hz

⊕ F IP20



**HL 373**

ELECTRONIC TRANSFORMER

● Dimmable  
 ● Short Circuit Protection  
 ● Over-Load Protection  
 ● EMC Approved  
 ● Pri: AC220-240V/50-60Hz, 0.23A  
 ● Sec: AC11.6v, 4.3A  
 ● Rated Load: 50W  
 ● TA: MAX. 45°C TC: MAX. 70°C

CE M M F 100 IP20



**HL 374**

ELECTRONIC TRANSFORMER

● Dimmable  
 ● Short Circuit Protection  
 ● Over-Load Protection  
 ● EMC Approved  
 ● Pri: AC220-240V/50-60Hz, 0.46A  
 ● Sec: AC11.6v, 8.8A  
 ● Rated Load: 100W  
 ● TA: MAX. 45°C TC: MAX. 70°C

CE M M F 100 IP20



**HL 375**

ELECTRONIC TRANSFORMER

● Dimmable  
 ● Short Circuit Protection  
 ● Over-Load Protection  
 ● EMC Approved  
 ● Pri: AC220-240V/50-60Hz, 0.60A  
 ● Sec: AC11.6v, 12A  
 ● Rated Load: 150W  
 ● TA: MAX. 45°C TC: MAX. 75°C

CE M M F 100 IP20



**HL 376**

ELECTRONIC TRANSFORMER

● Dimmable  
 ● Short Circuit Protection  
 ● Over-Load Protection  
 ● EMC Approved  
 ● Pri: AC220-240V/50-60Hz, 0.80A  
 ● Sec: AC11.6v, 16A  
 ● Rated Load: 200W  
 ● TA: MAX. 45°C TC: MAX. 75°C

CE M M F 100 IP20



**HL 377**

ELECTRONIC TRANSFORMER

● Dimmable  
 ● Short Circuit Protection  
 ● Over-Load Protection  
 ● EMC Approved  
 ● Pri: AC220-240V/50-60Hz, 1.0A  
 ● Sec: AC11.6v, 21A  
 ● Rated Load: 250W  
 ● TA: MAX. 45°C TC: MAX. 75°C

CE M M F 100 IP20

### HL 396 70W

METAL HALIDE  
BALLAST KITS



- 220-240V / 50-60Hz
- Built-in suitable ignitor, ballast, capacitor.

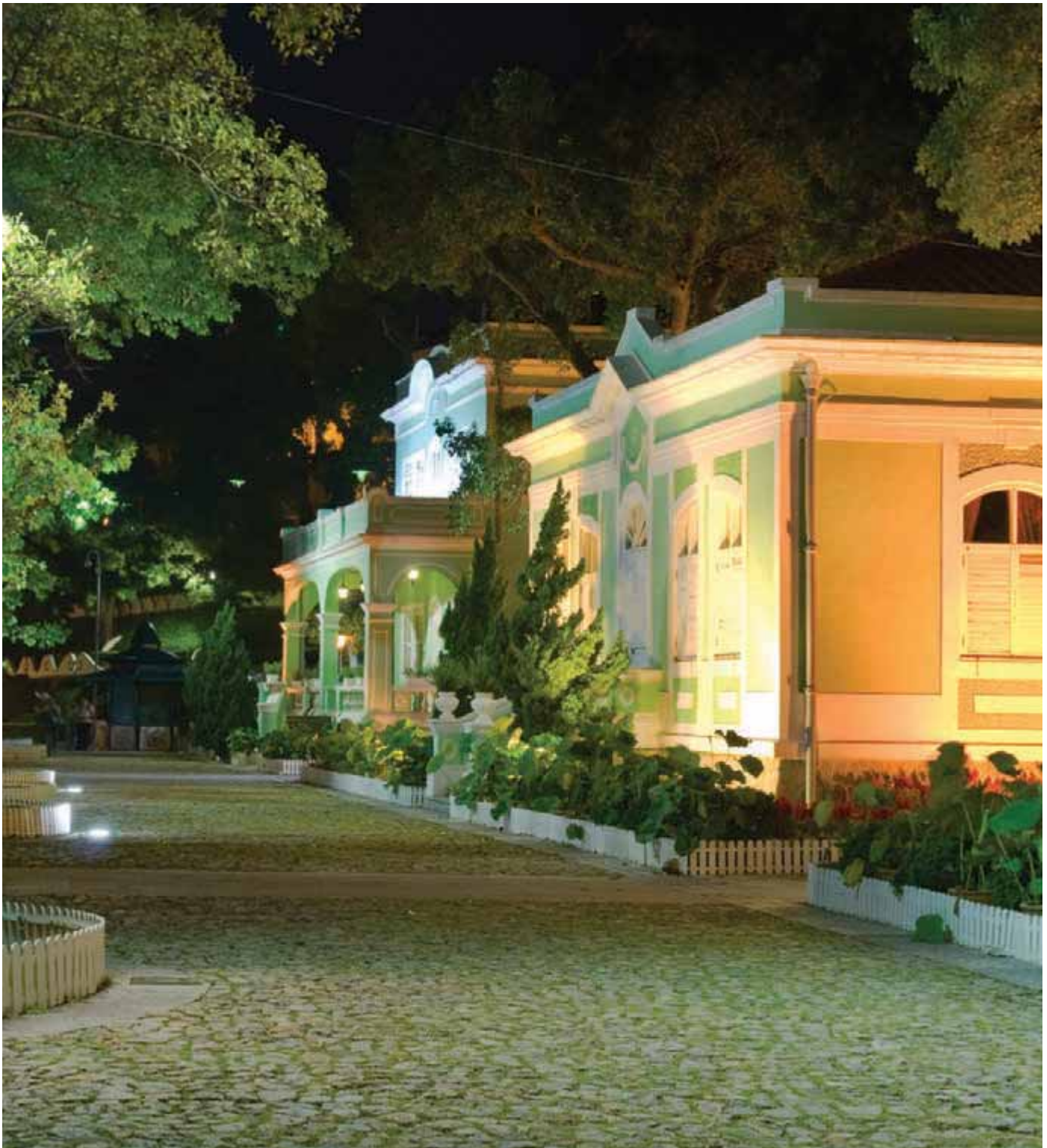


### HL 397 150W

METAL HALIDE  
BALLAST KITS



- 220-240V / 50-60Hz
- Built-in suitable ignitor, ballast, capacitor.





HL 580



HL 581



Lamp Holders



HL 582



HL 583



HL 584



HL 585





**HL 586**



**HL 587**



**HL 550**

10cm  
15cm  
20cm



**HL 551**

15cm



**HL 590**



**HL 591**



**HL 592**



**HL 593**





### Starter S2

220-240V  
SINGLE  
4-6-8-15-18-22W

110-130V SINGLE  
220-240V SERIES  
4-22W



### Starter S10

220-240V  
SINGLE  
4-65W



**Starters, Switch With Rope  
Socket, Connector, UTP Cat5e  
Cable Ties, Nail Cable Clips  
RG6, Adhesive Tapes  
Terminal Blocks**



### SWITCH WITH ROPE

HL 950



### CONNECTOR

(MODEL: HL 2001)



6,8 PVC	64x0,12 AL. BRAIDING	AL. FOIL BONDED	4,8 FPE	1,02 CCS
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### RG6

COAXIAL CABLE  
100m ROLL



**SOCKET**

WATERPROF LED STRIP  
(FOR HL 543L)

INPUT VOLTAGE  
220V AC

CABLE FEATURE  
2x0,75mm<sup>2</sup> Flexible



**UTP Cat5e**

NETWORK CABLE  
305m ROLL



**NAIL CABLE CLIPS**

CIRCLE	NAIL
4 mm	1.7 x 15
5 mm	1.7 x 15
6 mm	1.7 x 17
7 mm	1.8 x 19
8 mm	1.9 x 21
9 mm	2.0 x 22
10 mm	2.05 x 25
12 mm	2.05 x 27
14 mm	2.4 x 32
16 mm	2.5 x 35
18 mm	2.5 x 37
22 mm	2.8 x 48



**CABLE TIES**

2,5*100	4,8*400
2,5*150	7,2*300
2,5*200	7,2*350
3,6*150	7,2*400
3,6*200	7,2*450
3,6*250	7,9*350
3,6*280	7,9*400
3,6*300	7,9*450
3,6*370	7,9*500
4,8*200	9*550
4,8*250	9*650
4,8*300	9*750
4,8*350	9*1020
4,8*370	



**TERMINAL BLOCKS**

3 A,	4 mm <sup>2</sup>
5 A,	6 mm <sup>2</sup>
10 A,	10 mm <sup>2</sup>
30 A,	16 mm <sup>2</sup>
60 A,	25 mm <sup>2</sup>



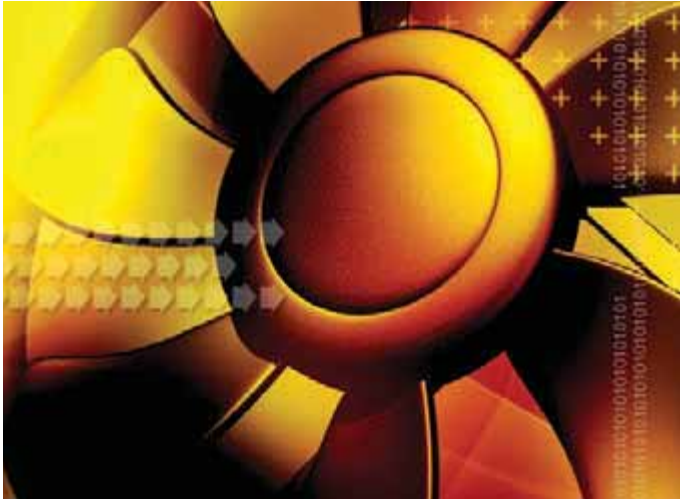
**ADHESIVE TAPES**

10 YARD  
20 YARD

WHITE  
YELLOW  
RED  
BLUE  
GREEN  
BLACK





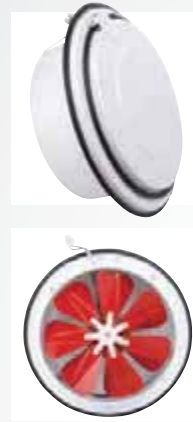


## Exhaust Fans Plastic Fans



### HL 960

- 220-240V / 50-60Hz
- Air Flow: 450
- Speed: 1200
- Power Input: 35W
- Weight: 1,8kg
- Product Size: 24.8cm x 24.8cm x 12.5cm



### HL 961

- 220-240V / 50-60Hz
- Air Flow: 780
- Speed: 1150
- Power Input: 40W
- Weight: 2,2kg
- Product Size: 27.5cm x 27.5cm x 12.5cm



### HL 962

- 220-240V / 50-60Hz
- Air Flow: 890
- Speed: 1100
- Power Input: 50W
- Weight: 2,4kg
- Product Size: 33.6cm x 33.6cm x 13cm





**NEW** HL 963



- 220-240V / 50-60Hz
- 12W
- Air Flow: 100m<sup>3</sup>/h
- Speed: 2250
- Noise Level: 51 dbA
- Hole Diameter: 10cm - 4"



**NEW** HL 964



- 220-240V / 50-60Hz
- 15W
- Air Flow: 150m<sup>3</sup>/h
- Speed: 1900
- Noise Level: 53 dbA
- Hole Diameter: 12cm - 5"



**NEW** HL 965



- 220-240V / 50-60Hz
- 20W
- Air Flow: 200m<sup>3</sup>/h
- Speed: 1800
- Noise Level: 56 dbA
- Hole Diameter: 15cm - 6"



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