

# Coral

## STREET LIGHT

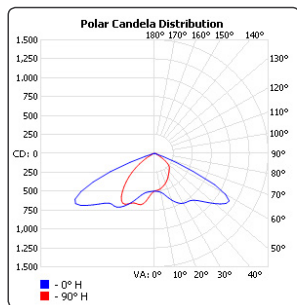


- Available in one form factor: 1M (1 module)
- Two temperatures: 4000K and 6500K
- Very wide lens angle: 150°
- Color rendering index: 80
- Efficiency at 4000K: 102lm/W
- Protection factor: IP65

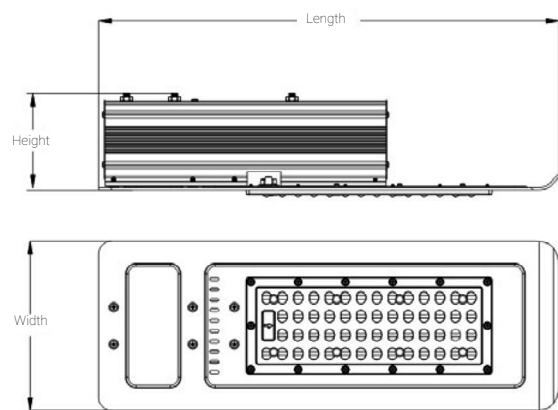
### Applications

Street lights, outdoor parking places

### LIGHT DISTRIBUTION



### TECHNICAL DRAW



### Power

- A:** 46W
- B:** 86W
- C:** 168W

### Dimensions

- A:** 365.8 x 135 x 89.3 ± 1mm
- B:** 431.3 x 160 x 89.3 ± 1mm
- C:** 631.7 x 215 x 89.8 ± 1mm

### Color Rendering

### Housing materials

### IK Code

### THD (at 230V, 50Hz, full load)

### Protection class

### Operating temperature (°C)

### Operating humidity (%)

### Power factor

### AC Input

### Color temperature

### Lens angle (°)

### Lifespan (h)

### Housing color

### Color consistency

### Lumen maintenance

### IP Rating

### Control option

### Warranty (years)

### Storage Temperature Range (°C)

### Emergency option

### Efficiency @4000K

### Luminous flux tolerance

### Consumption tolerance

Aluminium, polycarbonate  
IK08

<10%

Safety class 1

-40C...+55C/-40F...+131F

10 ÷ 95

≥0.95

120-277 Vac

4000K, 6500K

150

50.000

RAL 9006 - White aluminium

MacAdam 4

L70/B10@50.000h at 25°C

IP65

-

5

-25 ÷ +80/-13F...+176F

-

102 lm/W

+/- 5%

TEC +/- 5%

TEC + KIT EM +/-10%

### Risk group

RG2

The evaluation of photobiological safety is carried out according to the standard IEC 62471:2008 ("Photobiological safety of lamps and lamp systems"). Following the definition of the risk grouping system of the mentioned IEC standard, the LEDs mounted on this family fall into the class "Moderate Risk (RG2)". Under real circumstances (regarding exposure time, pupils, observation distance), it is assumed that there is no endangerment to the eye from these devices. As a matter of principle, however, it should be mentioned that intense light sources have a high secondary exposure potential due to their blinding effect.

### Maximum no. of luminaires on a circuit

Power	Amperage	Circuit Breaker Type					
		B			C		
		25	16	10	20	16	10
46W-TEC		20	13	8	-	-	-
85W-TEC		12	7	4	-	-	-
168W-TEC		12	7	4	-	-	-

Control type

<b>ARTICLE NUMBER</b>	<b>Dimensions (mm)</b>	<b>CCT (K)</b>	<b>Lumens (lm)</b>	<b>Power (W)</b>	<b>Efficiency (lm/watt)</b>	<b>Lens angle (degrees)</b>	<b>Weight (kg)</b>
151030 Coral LD4A2/4000/46W/80/A150	365.8 x 135 x 89.3 ± 1mm	4000	4425	46	97	150°	1.5
151031 Coral LD4A2/6500/46W/80/A150	365.8 x 135 x 89.3 ± 1mm	6500	4515	46	99	150°	1.5
151038 Coral LD4A4/4000/86W/80/A150	431.3 x 160 x 89.3 ± 1mm	4000	8541	86	100	150°	2.9
151039 Coral LD4A4/6500/86W/80/A150	431.3 x 160 x 89.3 ± 1mm	6500	8715	86	102	150°	2.9
151046 Coral LD4A6/4000/168W/80/A150	631.7 x 215 x 89.8 ± 1mm	4000	17082	168	102	150°	4.8
151047 Coral LD4A6/6500/168W/80/A150	631.7 x 215 x 89.8 ± 1mm	6500	17430	168	104	150°	4.8

ARTICLE NUMBERL	Materials	Length (mm)
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119/ 1GT5 2 A da p te r/ 12 0	Aluminium	325
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