



LED Street Light

Product feature

- Advanced modular thermal dissipation technology
- Even road lighting with low glare
- Lightweight aluminum high-strength module
- Reduces pressure and wind resistance
- Enlarged air channel for cooling
- Optional dimmable model available

WARRANTY
5 YEARS

Specification

Models	Power	Dimension(mm)	Net Weight
CR-C14-35W-STL	35W	L617xW250xH113	4.5 Kg

Product Information

LED Light Housing	1 unit	LED Driver	Crest (Inventronics)
Light Source Replacable	Yes	Light Type	SMD
Warranty Period	5 years		

Electrical Parameters

Input Voltage	100 ~ 305 VAC 12 / 24 VDC	Frequency	50 or 60 Hz
Power Factor	≥ 0.9 @220VAC	THD%	≤ 20%
Isolated	Yes	Flicker Free	N/A
SPD Internal	6 KV	SPD External	10 KV (Ruilon)

Product Technical Specification

LED Source		CRI	≥ 70 ~ 80
Luminous Efficacy	150 ~ 160 Lm/W	Ambient Temperature Range	-40°...+50°C
Luminous Flux for LED	165 ~ 170 Lm/W (Optional)	Protection Class IEC	Safety Class I
Beam Angle	T2S - Type II - Type III - T2M2 - T2M3 - T2M4	Suitable for Random Switching	No

Controls and Dimming

Programable	Yes	Driver Type	(On/Off)
Dimmable Type	Triac Dimming (Trailing & Leading Edge), PWM 0-10V/ Dali Interface, Optional	Photocell Sensor	Optional
		Nema Socket	Optional

Product Housing

Housing Material	High Pressure Die Cast Aluminium + Tempered Glass 5mm	Reflector Material	PC
Optic Material	PC	Housing Color	Black / Grey
IP	IP66	IK	08

Initial Performance

Power Consumption Tolerance	+/-5%	Luminous Efficacy Tolerance	+/-5%
SDCM	≤ 5		

Over Time Performance

Driver Failure Rate at 5000h	2%	Life $_{85^{\circ}\text{C}}^{@T}$	50,000 hour(s) [L90]
Useful Life	≥ 100,000 hour(s)		

Product Data

Color Temperature	3000K(WW) / 4000K(NW) / 5000K(DL) / 6500K(CW)	Quantity Per Pack	1
Quantity Per Outer Pack	1		

Standards and Approval

Safety Test	Yes	IEC Approved	Yes
Standard	IEC (60598-2-3)		

Specification

Models	Power	Dimension(mm)	Net Weight
CR-C14-50W-STL	50W	L629xW250xH122	5.7 Kg

Product Information

LED Light Housing	1 unit	LED Driver	Crest (Inventronics)
Light Source Replacable	Yes	Light Type	SMD
Warranty Period	5 years		

Electrical Parameters

Input Voltage	100 ~ 305 VAC 12 / 24 VDC	Frequency	50 or 60 Hz
Power Factor	≥ 0.9 @220VAC	THD%	≤ 20%
Isolated	Yes	Flicker Free	N/A
SPD Internal	6 KV	SPD External	10 KV (Ruilon)

Product Technical Specification

LED Source		CRI	≥ 70 ~ 80
Luminous Efficacy	150 ~ 160 Lm/W	Ambient Temperature Range	-40°...+50°C
Luminous Flux for LED	165 ~ 170 Lm/W (Optional)	Protection Class IEC	Safety Class I
Beam Angle	T2S - Type II - Type III - T2M2 - T2M3 - T2M4	Suitable for Random Switching	No

Controls and Dimming

Programable	Yes	Driver Type	(On/Off)
Dimmable Type	Triac Dimming (Trailing & Leading Edge), PWM 0-10V/ Dali Interface, Optional	Photocell Sensor	Optional
		Nema Socket	Optional

Product Housing

Housing Material	High Pressure Die Cast Aluminium + Tempered Glass 5mm	Reflector Material	PC
Optic Material	PC	Housing Color	Black / Grey
IP	IP66	IK	08

Initial Performance

Power Consumption Tolerance	+/-5%	Luminous Efficacy Tolerance	+/-5%
SDCM	≤ 5		

Over Time Performance

Driver Failure Rate at 5000h	2%	Life $_{85^{\circ}\text{C}}^{@T}$	50,000 hour(s) [L90]
Useful Life	≥ 100,000 hour(s)		

Product Data

Color Temperature	3000K(WW) / 4000K(NW) / 5000K(DL) / 6500K(CW)	Quantity Per Pack	1
Quantity Per Outer Pack	1		

Standards and Approval

Safety Test	Yes	IEC Approved	Yes
Standard	IEC (60598-2-3)		

Specification

Models	Power	Dimension(mm)	Net Weight
CR-C14-60W-STL	60W	L629xW250xH122	5.7 Kg

Product Information

LED Light Housing	1 unit	LED Driver	Crest (Inventronics)
Light Source Replacable	Yes	Light Type	SMD
Warranty Period	5 years		

Electrical Parameters

Input Voltage	100 ~ 305 VAC 12 / 24 VDC	Frequency	50 or 60 Hz
Power Factor	≥ 0.9 @220VAC	THD%	≤ 20%
Isolated	Yes	Flicker Free	N/A
SPD Internal	6 KV	SPD External	10 KV (Ruilon)

Product Technical Specification

LED Source		CRI	≥ 70 ~ 80
Luminous Efficacy	150 ~ 160 Lm/W	Ambient Temperature Range	-40°...+50°C
Luminous Flux for LED	165 ~ 170 Lm/W (Optional)	Protection Class IEC	Safety Class I
Beam Angle	T2S - Type II - Type III - T2M2 - T2M3 - T2M4	Suitable for Random Switching	No

Controls and Dimming

Programable	Yes	Driver Type	(On/Off)
Dimmable Type	Triac Dimming (Trailing & Leading Edge), PWM 0-10V/ Dali Interface, Optional	Photocell Sensor	Optional
		Nema Socket	Optional

Product Housing

Housing Material	High Pressure Die Cast Aluminium + Tempered Glass 5mm	Reflector Material	PC
Optic Material	PC	Housing Color	Black / Grey
IP	IP66	IK	08

Initial Performance

Power Consumption Tolerance	+/-5%	Luminous Efficacy Tolerance	+/-5%
SDCM	≤ 5		

Over Time Performance

Driver Failure Rate at 5000h	2%	Life $_{85^{\circ}\text{C}}^{@T}$	50,000 hour(s) [L90]
Useful Life	≥ 100,000 hour(s)		

Product Data

Color Temperature	3000K(WW) / 4000K(NW) / 5000K(DL) / 6500K(CW)	Quantity Per Pack	1
Quantity Per Outer Pack	1		

Standards and Approval

Safety Test	Yes	IEC Approved	Yes
Standard	IEC (60598-2-3)		

Specification

Models	Power	Dimension(mm)	Net Weight
CR-C14-90W-STL	90W	L707xW280xH122	7.5 Kg

Product Information

LED Light Housing	1 unit	LED Driver	Crest (Inventronics)
Light Source Replacable	Yes	Light Type	SMD
Warranty Period	5 years		

Electrical Parameters

Input Voltage	100 ~ 305 VAC 12 / 24 VDC	Frequency	50 or 60 Hz
Power Factor	≥ 0.9 @220VAC	THD%	≤ 20%
Isolated	Yes	Flicker Free	N/A
SPD Internal	6 KV	SPD External	10 KV (Ruilon)

Product Technical Specification

LED Source		CRI	≥ 70 ~ 80
Luminous Efficacy	150 ~ 160 Lm/W	Ambient Temperature Range	-40°...+50°C
Luminous Flux for LED	165 ~ 170 Lm/W (Optional)	Protection Class IEC	Safety Class I
Beam Angle	T2S - Type II - Type III - T2M2 - T2M3 - T2M4	Suitable for Random Switching	No

Controls and Dimming

Programable	Yes	Driver Type	(On/Off)
Dimmable Type	Triac Dimming (Trailing & Leading Edge), PWM 0-10V/ Dali Interface, Optional	Photocell Sensor	Optional
		Nema Socket	Optional

Product Housing

Housing Material	High Pressure Die Cast Aluminium + Tempered Glass 5mm	Reflector Material	PC
Optic Material	PC	Housing Color	Black / Grey
IP	IP66	IK	08

Initial Performance

Power Consumption Tolerance	+/-5%	Luminous Efficacy Tolerance	+/-5%
SDCM	≤ 5		

Over Time Performance

Driver Failure Rate at 5000h	2%	Life $_{85^{\circ}\text{C}}^{@T_l}$	50,000 hour(s) [L90]
Useful Life	≥ 100,000 hour(s)		

Product Data

Color Temperature	3000K(WW) / 4000K(NW) / 5000K(DL) / 6500K(CW)	Quantity Per Pack	1
Quantity Per Outer Pack	1		

Standards and Approval

Safety Test	Yes	IEC Approved	Yes
Standard	IEC (60598-2-3)		

Specification

Models	Power	Dimension(mm)	Net Weight
CR-C14-120W-STL	120W	L707xW280xH122	7.8 Kg

Product Information

LED Light Housing	1 unit	LED Driver	Crest (Inventronics)
Light Source Replacable	Yes	Light Type	SMD
Warranty Period	5 years		

Electrical Parameters

Input Voltage	100 ~ 305 VAC 12 / 24 VDC	Frequency	50 or 60 Hz
Power Factor	≥ 0.9 @220VAC	THD%	≤ 20%
Isolated	Yes	Flicker Free	N/A
SPD Internal	6 KV	SPD External	10 KV (Ruilon)

Product Technical Specification

LED Source		CRI	≥ 70 ~ 80
Luminous Efficacy	150 ~ 160 Lm/W	Ambient Temperature Range	-40°...+50°C
Luminous Flux for LED	165 ~ 170 Lm/W (Optional)	Protection Class IEC	Safety Class I
Beam Angle	T2S - Type II - Type III - T2M2 - T2M3 - T2M4	Suitable for Random Switching	No

Controls and Dimming

Programable	Yes	Driver Type	(On/Off)
Dimmable Type	Triac Dimming (Trailing & Leading Edge), PWM 0-10V/ Dali Interface, Optional	Photocell Sensor	Optional
		Nema Socket	Optional

Product Housing

Housing Material	High Pressure Die Cast Aluminium + Tempered Glass 5mm	Reflector Material	PC
Optic Material	PC	Housing Color	Black / Grey
IP	IP66	IK	08

Initial Performance

Power Consumption Tolerance	+/-5%	Luminous Efficacy Tolerance	+/-5%
SDCM	≤ 5		

Over Time Performance

Driver Failure Rate at 5000h	2%	Life $_{85^{\circ}\text{C}}^{@T}$	50,000 hour(s) [L90]
Useful Life	≥ 100,000 hour(s)		

Product Data

Color Temperature	3000K(WW) / 4000K(NW) / 5000K(DL) / 6500K(CW)	Quantity Per Pack	1
Quantity Per Outer Pack	1		

Standards and Approval

Safety Test	Yes	IEC Approved	Yes
Standard	IEC (60598-2-3)		

Specification

Models	Power	Dimension(mm)	Net Weight
CR-C14-150W-STL	150W	L783xW320xH124	8.5 Kg

Product Information

LED Light Housing	1 unit	LED Driver	Crest (Inventronics)
Light Source Replacable	Yes	Light Type	SMD
Warranty Period	5 years		

Electrical Parameters

Input Voltage	100 ~ 305 VAC 12 / 24 VDC	Frequency	50 or 60 Hz
Power Factor	≥ 0.9 @220VAC	THD%	≤ 20%
Isolated	Yes	Flicker Free	N/A
SPD Internal	6 KV	SPD External	10 KV (Ruilon)

Product Technical Specification

LED Source		CRI	≥ 70 ~ 80
Luminous Efficacy	150 ~ 160 Lm/W	Ambient Temperature Range	-40°...+50°C
Luminous Flux for LED	165 ~ 170 Lm/W (Optional)	Protection Class IEC	Safety Class I
Beam Angle	T2S - Type II - Type III - T2M2 - T2M3 - T2M4	Suitable for Random Switching	No

Controls and Dimming

Programable	Yes	Driver Type	(On/Off)
Dimmable Type	Triac Dimming (Trailing & Leading Edge), PWM 0-10V/ Dali Interface, Optional	Photocell Sensor	Optional
		Nema Socket	Optional

Product Housing

Housing Material	High Pressure Die Cast Aluminium + Tempered Glass 5mm	Reflector Material	PC
Optic Material	PC	Housing Color	Black / Grey
IP	IP66	IK	08

Initial Performance

Power Consumption Tolerance	+/-5%	Luminous Efficacy Tolerance	+/-5%
SDCM	≤ 5		

Over Time Performance

Driver Failure Rate at 5000h	2%	Life $_{85^{\circ}\text{C}}^{@T_l}$	50,000 hour(s) [L90]
Useful Life	≥ 100,000 hour(s)		

Product Data

Color Temperature	3000K(WW) / 4000K(NW) / 5000K(DL) / 6500K(CW)	Quantity Per Pack	1
Quantity Per Outer Pack	1		

Standards and Approval

Safety Test	Yes	IEC Approved	Yes
Standard	IEC (60598-2-3)		

Specification

Models	Power	Dimension(mm)	Net Weight
CR-C14-150W-STL	180W	L783xW320xH124	8.7 Kg

Product Information

LED Light Housing	1 unit	LED Driver	Crest (Inventronics)
Light Source Replacable	Yes	Light Type	SMD
Warranty Period	5 years		

Electrical Parameters

Input Voltage	100 ~ 305 VAC 12 / 24 VDC	Frequency	50 or 60 Hz
Power Factor	≥ 0.9 @220VAC	THD%	≤ 20%
Isolated	Yes	Flicker Free	N/A
SPD Internal	6 KV	SPD External	10 KV (Ruilon)

Product Technical Specification

LED Source		CRI	≥ 70 ~ 80
Luminous Efficacy	150 ~ 160 Lm/W	Ambient Temperature Range	-40°...+50°C
Luminous Flux for LED	165 ~ 170 Lm/W (Optional)	Protection Class IEC	Safety Class I
Beam Angle	T2S - Type II - Type III - T2M2 - T2M3 - T2M4	Suitable for Random Switching	No

Controls and Dimming

Programable	Yes	Driver Type	(On/Off)
Dimmable Type	Triac Dimming (Trailing & Leading Edge), PWM 0-10V/ Dali Interface, Optional	Photocell Sensor	Optional
		Nema Socket	Optional

Product Housing

Housing Material	High Pressure Die Cast Aluminium + Tempered Glass 5mm	Reflector Material	PC
Optic Material	PC	Housing Color	Black / Grey
IP	IP66	IK	08

Initial Performance

Power Consumption Tolerance	+/-5%	Luminous Efficacy Tolerance	+/-5%
SDCM	≤ 5		

Over Time Performance

Driver Failure Rate at 5000h	2%	Life $_{85^{\circ}\text{C}}^{@T_l}$	50,000 hour(s) [L90]
Useful Life	≥ 100,000 hour(s)		

Product Data

Color Temperature	3000K(WW) / 4000K(NW) / 5000K(DL) / 6500K(CW)	Quantity Per Pack	1
Quantity Per Outer Pack	1		

Standards and Approval

Safety Test	Yes	IEC Approved	Yes
Standard	IEC (60598-2-3)		

Specification

Models	Power	Dimension(mm)	Net Weight
CR-C14-200W-STL	200W	L783xW320xH124	8.9 Kg

Product Information

LED Light Housing	1 unit	LED Driver	Crest (Inventronics)
Light Source Replacable	Yes	Light Type	SMD
Warranty Period	5 years		

Electrical Parameters

Input Voltage	100 ~ 305 VAC 12 / 24 VDC	Frequency	50 or 60 Hz
Power Factor	≥ 0.9 @220VAC	THD%	≤ 20%
Isolated	Yes	Flicker Free	N/A
SPD Internal	6 KV	SPD External	10 KV (Ruilon)

Product Technical Specification

LED Source		CRI	≥ 70 ~ 80
Luminous Efficacy	150 ~ 160 Lm/W	Ambient Temperature Range	-40°...+50°C
Luminous Flux for LED	165 ~ 170 Lm/W (Optional)	Protection Class IEC	Safety Class I
Beam Angle	T2S - Type II - Type III - T2M2 - T2M3 - T2M4	Suitable for Random Switching	No

Controls and Dimming

Programable	Yes	Driver Type	(On/Off)
Dimmable Type	Triac Dimming (Trailing & Leading Edge), PWM 0-10V/ Dali Interface, Optional	Photocell Sensor	Optional
		Nema Socket	Optional

Product Housing

Housing Material	High Pressure Die Cast Aluminium + Tempered Glass 5mm	Reflector Material	PC
Optic Material	PC	Housing Color	Black / Grey
IP	IP66	IK	08

Initial Performance

Power Consumption Tolerance	+/-5%	Luminous Efficacy Tolerance	+/-5%
SDCM	≤ 5		

Over Time Performance

Driver Failure Rate at 5000h	2%	Life $_{85^{\circ}\text{C}}^{\text{@T}}$	50,000 hour(s) [L90]
Useful Life	≥ 100,000 hour(s)		

Product Data

Color Temperature	3000K(WW) / 4000K(NW) / 5000K(DL) / 6500K(CW)	Quantity Per Pack	1
Quantity Per Outer Pack	1		

Standards and Approval

Safety Test	Yes	IEC Approved	Yes
Standard	IEC (60598-2-3)		

Specification

Models	Power	Dimension(mm)	Net Weight
CR-C14-240W-STL	240W	L783xW320xH124	9.1 Kg

Product Information

LED Light Housing	1 unit	LED Driver	Crest (Inventronics)
Light Source Replacable	Yes	Light Type	SMD
Warranty Period	5 years		

Electrical Parameters

Input Voltage	100 ~ 305 VAC 12 / 24 VDC	Frequency	50 or 60 Hz
Power Factor	≥ 0.9 @220VAC	THD%	≤ 20%
Isolated	Yes	Flicker Free	N/A
SPD Internal	6 KV	SPD External	10 KV (Ruilon)

Product Technical Specification

LED Source		CRI	≥ 70 ~ 80
Luminous Efficacy	150 ~ 160 Lm/W	Ambient Temperature Range	-40°...+50°C
Luminous Flux for LED	165 ~ 170 Lm/W (Optional)	Protection Class IEC	Safety Class I
Beam Angle	T2S - Type II - Type III - T2M2 - T2M3 - T2M4	Suitable for Random Switching	No

Controls and Diming

Programable	Yes	Driver Type	(On/Off)
Dimmable Type	Triac Dimming (Trailing & Leading Edge), PWM 0-10V/ Dali Interface, Optional	Photocell Sensor	Optional
		Nema Socket	Optional

Product Housing

Housing Material	High Pressure Die Cast Aluminium + Tempered Glass 5mm	Reflector Material	PC
Optic Material	PC	Housing Color	Black / Grey
IP	IP66	IK	08

Initial Performance

Power Consumption Tolerance	+/-5%	Luminous Efficacy Tolerance	+/-5%
SDCM	≤ 5		

Over Time Performance

Driver Failure Rate at 5000h	2%	Life $\text{@Tl} = 85^{\circ}\text{C}$	50,000 hour(s) [L90]
Useful Life	≥ 100,000 hour(s)		

Product Data

Color Temperature	3000K(WW) / 4000K(NW) / 5000K(DL) / 6500K(CW)	Quantity Per Pack	1
Quantity Per Outer Pack	1		

Standards and Approval

Safety Test	Yes	IEC Approved	Yes
Standard	IEC (60598-2-3)		