

LED Corn Light



18W



27W/18W/12W
Adjustable



36W/27W/18W
Adjustable



45W/36W/27W
Adjustable



54W/45W/36W
Adjustable



63W/54W/36W
Adjustable



80W/63W/54W
Adjustable



100W/80W/63W
Adjustable



120W/100W/80W
Adjustable

Specifications

Model No		AST-CLW08C-018WBCA1-CA50K	AST-CLW08C-027WBCA1-SCA50K	AST-CLW08C-036WBCA1-SCA50K
General	Watts	18W	27W/18W/12W ADJ	36W/27W/18W ADJ
	HID Equivalent	50W	80W/50W/40W	100W/80W/50W
	Lumen	2700L	4050L/2700L/1800L	5400L/4050L/2700L
	Base	E26 and E39 inside package	E26 and E39 inside package	E26 and E39 inside package
	CCT	3000K/4000K/5000K ADJ	3000K/4000K/5000K ADJ	3000K/4000K/5000K ADJ
	Volts	AC120-277V	AC120-277V	AC120-277V
	CRI	>80	>80	>80
	Beam Angel	360degree	360degree	360degree
	Hours Rated	50000hours	50000hours	50000hours
	Min Compartment size	Length: 5.82 in/E26 , 6.33 in/E39. Diameter: 2.36 in.	Length:6.81 in/E26, 7.32 in/E39. Diameter: 2.36 in.	Length: 7.55 in/E26 , 8.3 in/E39. Diameter : 3.34 in.
Ballasting requirements	Ballast Bypass	Ballast Bypass	Ballast Bypass	
Electrical	Operating Frequency	50-60Hz	50-60Hz	50-60Hz
	Power Factor	>0.9	>0.9	>0.9
	Operating Position	Both Horizontal&Vertical	Both Horizontal&Vertical	Both Horizontal&Vertical
	Surge Protection	Built-in surge protection-4KV	Built-in surge protection-4KV	Built-in surge protection-4KV
	Operating Temperature	-40°C (-40°F) TO 50°C (122°F)	-40°C (-40°F) TO 50°C (122°F)	-40°C (-40°F) TO 50°C (122°F)
Physical	MOL	5.83in	6.81in	7.56in
	MOD	2.36in	2.36in	3.35in
	Lens Material	Plastic	Plastic	Plastic
	Housing Color	Gray	Gray	Gray
	Weight (Kg)	0.25	0.28	0.56
Additional Information	Additional Info	CCT+Power adjustable	CCT+Power adjustable	CCT+Power adjustable
	Rated For Enclosed Fixture	Yes	Yes	Yes
	Warranty	5 years	5 years	5 years
Compliance	Safety Listing	cULus-Listed	cULus-Listed	cULus-Listed
	Location Rating	Damp	Damp	Damp
	Energy Star	No	No	No
	DLC Approved	No	Yes for E39	Yes for E39
	DLC ID	No	PWB07714	PTF9XDOE

Model No		AST-CLW08C-045WBCA1-SCA50K	AST-CLW08C-054WBCA1-SCA50K	AST-CLW08C-063WBCA1-SCA50K
General	Watts	45W/36W/27W ADJ	54W/45W/36W ADJ	63W/54W/36W ADJ
	HID Equivalent	130W/100W/80W	160W/130W/100W	180W/160W/100W
	Lumen	6750L/5400L/4050L	8100L/6750L/5400L	9450L/8100L/5400L
	Base	E26 and E39 inside package	E26 and E39 inside package	E26 and E39 inside package
	CCT	3000K/4000K/5000K ADJ	3000K/4000K/5000K ADJ	3000K/4000K/5000K ADJ
	Volts	AC120-277V	AC120-277V	AC120-277V
	CRI	>80	>80	>80
	Beam Angel	360degree	360degree	360degree
	Hours Rated	50000hours	50000hours	50000hours
	Min Compartment size	Length :9.09in /E26,9.84in/E39 Diameter:3.34in	Length :9.09in /E26,9.84in/E39 Diameter:3.34in	Length: 9.37 in/E26 ,10.15 in/E39. Diameter: 3.34 in.
	Ballasting requirements	Ballast Bypass	Ballast Bypass	Ballast Bypass
Electrical	Operating Frequency	50-60Hz	50-60Hz	50-60Hz
	Power Factor	>0.9	>0.9	>0.9
	Operating Position	Both Horizontal&Vertical	Both Horizontal & Vertical	Both Horizontal&Vertical
	Surge Protection	Built-in surge protection-4KV	Built-in surge protection-4KV	Built-in surge protection-4KV
	Operating Temperature	-40 °C (-40°F) TO 50 °C (122°F)	-40 °C (-40°F) TO 50 °C (122°F)	-40 °C (-40°F) TO 50 °C (122°F)
Physical	MOL	9.09in	9.09in	9.09in
	MOD	3.35in	3.35in	3.35in
	Lens Material	Plastic	Plastic	Plastic
	Housing Color	Grey	Grey	Gray
	Weight (Kg)	0.65	0.65	0.7
Additional Information	Additional Info	CCT+Power adjustable	CCT+Power adjustable	CCT+Power adjustable
	Rated For Enclosed Fixture	Yes	Yes	Yes
	Warranty	5 years	5 years	5 years
Compliance	Safety Listing	cULus-Listed	cULus-Listed	cULus-Listed
	Location Rating	Damp	Damp	Damp
	Energy Star	No	No	No
	DLC Approved	Yes for E39	Yes for E39	Yes for E39
	DLC ID	PK1Q39JE	PRD8I6Q6	PRD8I6Q6

Model No		AST-CLW08C-080WBCNA1-ESPCA50K	AST-CLW08C-100WBCNA1-ESPCA50K	AST-CLW08C-120WBCNA1-ESPCA50K
General	Watts	80W/63W/54W ADJ	100W/80W/63W ADJ	120W/100W/80W ADJ
	HID Equivalent	240W/180W/160W	300W/240W/180W	360W/300W/240W
	Lumen	12000L/9450L/8100L	15000L/12000L/9450L	18000L/15000L/12000L
	Base	E39	E39	E39
	CCT	3000K/4000K/5000K ADJ	3000K/4000K/5000K ADJ	3000K/4000K/5000K ADJ
	Volts	AC120-277V	AC120-277V	AC120-277V
	CRI	>80	>80	>80
	Beam Angel	360degree	360degree	360degree
	Hours Rated	50000hours	50000hours	50000hours
	Min Compartment size	Length :9.84in/E39 Diameter: 5.11in	Length: 11.37 in/E39 Diameter: 5.11 in.	Length: 12.2 in/E39. Diameter : 5.11 in.
Ballasting requirements	Ballast Bypass	Ballast Bypass	Ballast Bypass	
Electrical	Operating Frequency	50-60Hz	50-60Hz	50-60Hz
	Power Factor	>0.9	>0.9	>0.9
	Operating Position	Only Vertical	Only Vertical	Only Vertical
	Surge Protection	Built-in surge protection-6KV	Built-in surge protection-6KV	Built-in surge protection-6KV
	Operating Temperature	-40°C (-40°F) TO 50°C (122°F)	-40°C (-40°F) TO 50°C (122°F)	-40°C (-40°F) TO 50°C (122°F)
Physical	MOL	9.84in	10.31in	11.14in
	MOD	5.12in	5.12in	5.12in
	Lens Material	Plastic	Plastic	Plastic
	Housing Color	Grey	Gray	Gray
	Weight (Kg)	1.4	1.43	1.6
Additional Information	Additional Info	CCT+Power adjustable	CCT+Power adjustable	CCT+Power adjustable
	Rated For Enclosed Fixture	Yes	Yes	Yes
	Warranty	5 years	5 years	5 years
Compliance	Safety Listing	cULus-Listed	cULus-Listed	cULus-Listed
	Location Rating	Damp	Damp	Damp
	Energy Star	No	No	No
	DLC Approved	Yes	Yes	Yes
	DLC ID	PX8ZLP7O	PRMZRQZ8	P9925ZA0

Features

- 85% Energy Saving
- 360° Light Emitting
- IP65 Ingress Protection
- High Lumen Maintenance
- No Spot, No Black Area,
- Less Brightness Decay
- Long Lifespan
- Big heat sink, NO fan.
- Meet 4KV/6KV surge immunity level.
- Sealant pouring for whole driver and lamp plastic housing

