

LCRN | Husk

Product Data Sheet

Project Details

Project Name:

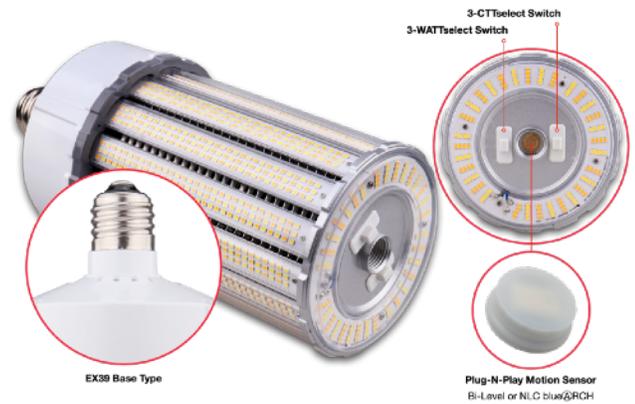
Fixture Schedule:

Project Number:

Notes:

Key Features

- ✓ Bypass the Ballast: LED HID Replacement Solutions
- ✓ Reduce SKUs & Increase Convenience: 3-WATTselect & 3-CCTselect
- ✓ Large Passive Heat Sink, With Or Without Fans For Active Cooling
- ✓ Small Form Factor to Fit into Nearly Any Applications
- ✓ Integral Driver; Includes Built-In 4kV Surge Protection
- ✓ Dimmable: Continuous Dimming or Step Dimmer



Certifications



Applications



Model Specifications

Model	WATTselect			CCTselect	Efficacy	Lumen	Base
	12W	18W	27W				
LCRN1227-CSMG	12W	18W	27W	3000K 4000K 5000K*	150lm/W	4050LM	EX39
LCRN2745-CSMG	27W	36W	45W		150lm/W	6750LM	EX39
LCRN3663-CSMG	36W	54W	63W		150lm/W	9450LM	EX39
LCRN63100-CSMG	63W	80W	100W		150lm/W	15000LM	EX39
LCRN60120-CSHG	60W	90W	120W		150lm/W	18000LM	EX39
LCRN100150-CSMG	100W	120W	150W		145lm/W	21750LM	EX39
LCRN200300-CSMG	200W	240W	300W		147lm/W	44100LM	EX39

* NOTE: Factory default setting

Product Warranty *

5-Year Warranty



50,000 Hrs



* Standard warranty. Extended warranty available.

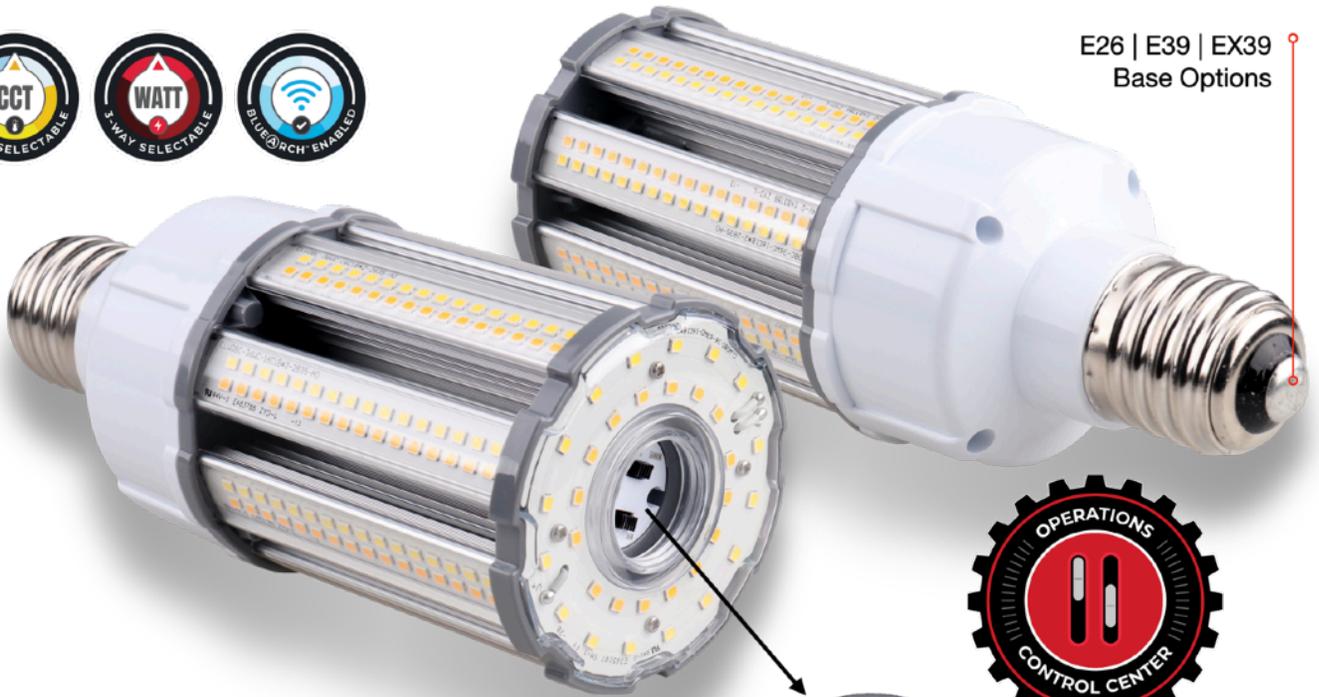


Available from 12W to 300W, replacing legacy 50W to 700W MH/HPS/HID



Ordering Guide

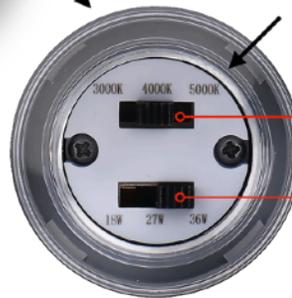
Model Series	3-WATTselect (W)	CCTselect (K)	Voltage (V)	Sensor Ready
LCRN LED Utility HID Replacement	60120 60W/90W/120W	CS 3-CCTselect: 3000K 4000K 5000K	HG 277-480V	Blank Non-Sensor Ready
	1227 12W/18W/27W		MG 120-277V	
	2745 27W/36W/45W			
	3663 36W/54W/63W			
	63100 63W/80W/100W			
	100150 100W/120W/150W			
	200300 200W/240W/300W			
CATALOG #:				
LCRN		CS		



E26 | E39 | EX39
Base Options



util@RCH | Husk-Series The Easy, Yet Powerful Retrofit Solution for HID Replacement



3-CCTselect

3-WATTselect



LCRN1227-CSMG 				
Optical	Input Power	27W		
	3-CCTselectable	3000K	4000K	5000K
	Lumen*	3780LM	4185LM	4050LM
	Efficacy	140lm/W	155lm/W	150lm/W
	CRI	>80		
	Color Consistency	7 Steps (or <7 SDCM)		
	Diffuser Type	Clear (Optional: Frosted)		
	Viewing Angle	280°		
Electrical	PF	≥0.9		
	THD	≤20%		
	Flicker Percent	<50%		
	Surge Protection	LN: 4kV		
	Dimmable	YES		
	Wattage Equivalent	60W CFL / 100W MH/HPS/HID		
Materials	LED Type	SMD2835		
	LED Qty	112/3000K + 112/5000K		
	Housing	PC + Aluminum		
	Weather Rating	IP64		
	Others	Operating Temp	-40°F to 122°F	
	Ambient Temp	-40°F to 176°F		
	Operating Humidity	20% to 70% RH		
	Ambient Humidity	10% to 75% RH		
	Case Quantity	24		

LCRN2745-CSMG 				
Optical	Input Power	45W		
	3-CCTselectable	3000K	4000K	5000K
	Lumen*	6300LM	6975LM	6750LM
	Efficacy	140lm/W	155lm/W	150lm/W
	CRI	>80		
	Color Consistency	7 Steps (or <7 SDCM)		
	Diffuser Type	Clear (Optional: Frosted)		
	Viewing Angle	280°		
Electrical	PF	≥0.9		
	THD	≤20%		
	Flicker Percent	<50%		
	Surge Protection	LN: 4kV		
	Dimmable	YES		
	Wattage Equivalent	100W CFL / 150W MH/HPS/HID		
Materials	LED Type	SMD2835		
	LED Qty	204/3000K + 204/5000K		
	Housing	PC + Aluminum		
	Weather Rating	IP64		
	Others	Operating Temp	-40°F to 122°F	
	Ambient Temp	-40°F to 176°F		
	Operating Humidity	20% to 70% RH		
	Ambient Humidity	10% to 75% RH		
	Case Quantity	12		

Notes:

- * Tolerance: ±10%
- ** Tolerance: -10% Within Luminaires
- *** Tolerance: -3% Within Luminaires



LCRN3663-CSMG				
Optical	Input Power	63W		
	3-CCTselectable	3000K	4000K	5000K
	Lumen*	8820LM	9765LM	9540LM
	Efficacy	140LM/W	155LM/W	150LM/W
	CRI	>80		
	Color Consistency	7 Steps (or <7 SDCM)		
	Diffuser Type	Clear (Optional: Frosted)		
	Viewing Angle	280°		
Electrical	PF	≥0.9		
	THD	≤20%		
	Flicker Percent	<50%		
	Surge Protection	LN: 4kV		
	Dimmable	YES		
	Wattage Equivalent	120W CFL / 175W MHL/HPS/HID		
Materials	LED Type	SMD2835		
	LED Qty	272/3000K + 272/5000K		
	Housing	PC + Aluminum		
	Weather Rating	IP64		
	Others	Operating Temp	-40°F to 122°F	
	Ambient Temp	-40°F to 176°F		
	Operating Humidity	20% to 70% RH		
	Ambient Humidity	10% to 75% RH		
	Case Quantity	12		



LCRN63100-CSMG				
Optical	Input Power	100W		
	3-CCTselectable	3000K	4000K	5000K
	Lumen*	14000LM	15500LM	15000LM
	Efficacy	140LM/W	155LM/W	150LM/W
	CRI	>80		
	Color Consistency	7 Steps (or <7 SDCM)		
	Diffuser Type	Clear (Optional: Frosted)		
	Viewing Angle	280°		
Electrical	PF	≥0.9		
	THD	≤20%		
	Flicker Percent	<50%		
	Surge Protection	LN: 4kV		
	Dimmable	YES		
	Wattage Equivalent	200W CFL / 250W MHL/HPS/HID		
Materials	LED Type	SMD2835		
	LED Qty	416/3000K + 416/5000K		
	Housing	PC + Aluminum		
	Weather Rating	IP64		
	Others	Operating Temp	-40°F to 122°F	
	Ambient Temp	-40°F to 176°F		
	Operating Humidity	20% to 70% RH		
	Ambient Humidity	10% to 75% RH		
	Case Quantity	6		

**Notes:**

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LCRN100150-CSMG				
Optical	Input Power	150W		
	3-CCTselectable	3000K	4000K	5000K
	Lumen*	20550LM	23100LM	21750LM
	Efficacy	137LM/W	154LM/W	145LM/W
	CRI	>80		
	Color Consistency	7 Steps (or <7 SDCM)		
	Diffuser Type	Clear (Optional: Frosted)		
	Viewing Angle	280°		
Electrical	PF	≥0.9		
	THD	≤20%		
	Flicker Percent	<50%		
	Surge Protection	LN: 4kV		
	Dimmable	YES		
	Wattage Equivalent	400W MHL/HPS/HID		
Materials	LED Type	SMD2835		
	LED Qty	459/3000K + 459/5000K		
	Housing	PC + Aluminum		
	Weather Rating	IP64		
	Others	Operating Temp	-40°F to 122°F	
	Ambient Temp	-40°F to 176°F		
	Operating Humidity	20% to 70% RH		
	Ambient Humidity	10% to 75% RH		
	Case Quantity	6		



LCRN200300-CSMG				
Optical	Input Power	300W		
	3-CCTselectable	3000K	4000K	5000K
	Lumen*	41700LM	46200LM	44100LM
	Efficacy	139LM/W	154LM/W	147LM/W
	CRI	>80		
	Color Consistency	7 Steps (or <7 SDCM)		
	Diffuser Type	Clear (Optional: Frosted)		
	Viewing Angle	280°		
Electrical	PF	≥0.9		
	THD	≤20%		
	Flicker Percent	<50%		
	Surge Protection	LN: 4kV		
	Dimmable	YES		
	Wattage Equivalent	700W MHL/HPS/HID		
Materials	LED Type	SMD2835		
	LED Qty	874/3000K + 874/5000K		
	Housing	PC + Aluminum		
	Weather Rating	IP64		
	Others	Operating Temp	-40°F to 122°F	
	Ambient Temp	-40°F to 176°F		
	Operating Humidity	20% to 70% RH		
	Ambient Humidity	10% to 75% RH		
	Case Quantity	6		

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LCRN60120-CSHG



Optical	Input Power	120W		
	3-CCTselectable	3000K	4000K	5000K
	Lumen*	16800LM	18600LM	18000LM
	Efficacy	140LM/W	155LM/W	150LM/W
	CRI	>80		
	Color Consistency	7 Steps (or <7 SDCM)		
	Diffuser Type	Clear (Optional: Frosted)		
	Viewing Angle	280°		
Electrical	PF	≥0.9		
	THD	≤20%		
	Flicker Percent	<50%		
	Surge Protection	LN: 4kV		
	Dimmable	YES		
	Wattage Equivalent	200W CFL / 400W MHL/HPS/HID		
Materials	LED Type	SMD2835		
	LED Qty	494/3000K + 494/5000K		
	Housing	PC + Aluminum		
	Weather Rating	IP64		
	Others	Operating Temp	-40°F to 122°F	
	Ambient Temp	-40°F to 176°F		
	Operating Humidity	20% to 70% RH		
	Ambient Humidity	10% to 75% RH		
	Case Quantity	12		

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