

LCRN | Husk

Product Data Sheet

Project Details

Project Name:

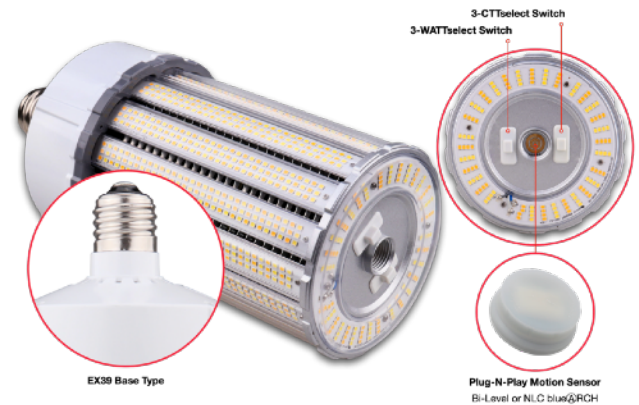
Fixture Schedule:

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



Office



School



Hospital



Commercial

Model Specifications

Model	WATTselect			CCTselect	Efficacy	Lumen	Base
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



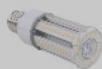
Ordering Guide

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		/				





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 Brand	Lumileds		
	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		

Notes:

* Tolerance: ±10%

** Tolerance: -10% Within Luminaires

*** Tolerance: -3% Within Luminaires

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 Brand	Lumileds		
	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		



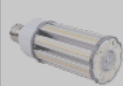
LCRN3663-CSMG					
Optical	Input Power	63W			
	3-CCTselectable	3000K	4000K	5000K	
	Lumen*	8820LM	9765LM	9540LM	
	Efficacy	140LM/W	155LM/W	150LM/W	
	CRI	>80			
	Color Consistency	7 Steps (or < 7 SDCM)			
	Diffuser Type	Clear (Optional: Frosted)			
	Viewing Angle	280°			
Electrical	PF	≥0.9			
	THD	≤20%			
	Flicker Percent	<50%			
	Surge Protection	LN: 4kV			
	Dimmable	YES			
	Wattage Equivalent	120W CFL / 175W MHL/HPS/HID			
Materials	LED Brand	Lumileds			
	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			

Notes:

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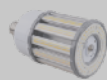
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LCRN63100-CSMG					
Optical	Input Power	100W			
	3-CCTselectable	3000K	4000K	5000K	
	Lumen*	14000LM	15500LM	15000LM	
	Efficacy	140LM/W	155LM/W	150LM/W	
	CRI	>80			
	Color Consistency	7 Steps (or < 7 SDCM)			
	Diffuser Type	Clear (Optional: Frosted)			
	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 Brand	Lumileds			
	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			



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 Brand	Lumileds		
	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		

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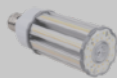
LCRN200300-CSMG



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 Brand	Lumileds		
	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		



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	L-N: 4kV		
	Dimmable	YES		
	Wattage Equivalent	200W CFL / 400W MHL/HPS/HID		
Materials	LED Brand	Lumileds		
	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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