



eran industrial.

THE **ORION E.** FLOOD LIGHT



FLL SERIES



THE ORION E.

FLOOD LIGHTS

	20W 30W	FLL 310	
	40W 50W	FLL 320	
	80W 100W	FLL 330	
	120W 150W	FLL 340	
	300W	FLL 350 3X3	
	300W	FLL 350 6X6	

**WE CONTINUE TO BRING
ADVANCED LED TECHNOLOGY
TO THE LIGHTING INDUSTRY.**



THE **ORION E.**

PRODUCT OVERVIEW



Optical Distribution.

Wide beam angles providing the ideal flood light distribution (NEMA 3x3 is available on the FLL350 line)

Color Temperatures.

3000K, 4000K and 5000K Color Temperature options available.

Finish.

Bronze, white, gray, black, silver and other optional finishes available upon request.

Multiple Mounts

Slip Fitter & Trunnion (Available with FLL330,340,350)
Knuckle (Available with FLL310 and 320).



Slip Fitter.



Trunnion Bracket.



Integrated Fin Design.

Designed with heat dissipating fin feature, for wind resistance, longer durability and better performance.

Die-cast Housing.

Rugged, die-cast aluminum housing for maximum durability of the luminaire.



IP66-rated Luminaire.

IP66-rated electrical and optical assembly ensures protection from harsh environmental factors to ensure durability and longevity.

Product Description.

Die-cast Aluminum housing with tempered glass lens, utilizing stainless steel hardware.

- Citizen® COB LED's and YG® driver technology • Dimming option available
- Precision die cast • IP66 rated fixture for outdoor use • Chip and fade resistant powder coat finish in any color • Industrial grade, Standard button Photocell
- NEMA 6x6 beam angle • Multiple mounting configurations to fit any application

THE ORION E.

PRODUCT SPECIFICATIONS



FLL 310
20W
30W

FLL 320
40W
50W

FLL 330
80W
100W

FLL 340
120W
150W

FLL 350 - 3X3
300W

FLL 350 - 6X6
300W

CERTIFICATIONS

- DLC 4.2 Standard
- cUL-us Listed

SPECIFICATION & VARIATIONS

Sample

FLL350-300W-40K-V8-D-PC-W66-S1-ST-BZ-SF

BODY TYPE	SYSTEM WATTAGE	CCT	VOLTAGE	DIMMING OPTION	ELECTRICAL (PHOTOCELL)	ELECTRICAL OPTICS	SURGE PROTECTOR	MECHANICAL ACCESSORY	HOUSING FINISH	MOUNTING
FLL350 -	300W -	40K -	V8 -	D -	PC -	W66 -	S1 -	ST -	BZ -	SF
FLL310	20W 30W	30K = 3000K	V1 = 120V V2 = 208V	D = Dimming N = Non-Dimming	PC = Photocell NA = None	W66 = 6x6 Wide Beam N33 = 3x3 Narrow Beam *	NA = None S1 = Surge Protector	ST = Standard VI = Visor WG = Wire Guard VS = Vandal Shield	BZ = Bronze WH = White BK = Black SL = Silver GY = Gray	WM = Wall Mount SF = Slip Fitter TR = Trunnion
FLL320	40W 50W	40K = 4000K	V3 = 220V V4 = 240V							
FLL330	80W 100W	50K = 5000K	V5 = 277V V8 = 120			*Available with FLL350 only				
FLL340	120W 150W		-277V V9 = 347							KN = Knuckle (FLL310 and 320 only)
FLL350	300W		-480V							

BUILD YOUR ORDER SKU NUMBER - If you don't see a specific feature listed above, please contact your sales representative for details about custom made to order (MTO) luminaries.

PRODUCT SUMMARY



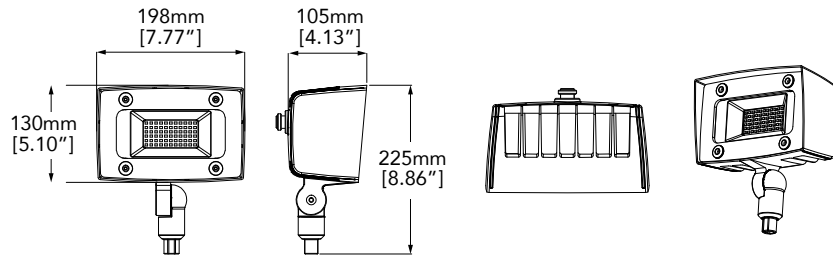
LED Chip:	Mid-power LED chips and YG® driver technology
CRI:	≥80
Driver:	Adjustable 0-10V Dimming type is continuous, The product can dim to 10%
THD:	< 20% @ full load
PF:	> 0.9 @ full load, 100V through 277V
Driver Efficiency:	> 85%
Warranty:	Warranty: 5 Years (terms and conditions apply).
Ambient Operating Range:	-30°C to 40°C
Rated Life:	More than 100K hours per L70 TM-21 @ 70 °C
Dimensions:	FLL310: 8.86" x 7.77" x 4.13", FLL320: 10.00" x 10.00" x 4.72", FLL330: 14.40" x 12.70" x 6.30" , FLL340: 15.75" x 15.20" x 6.70" FLL350: 20.50" x 16.45" x 7.87" , FLL350: 20.50" x 16.45" x 7.87"
Weight:	FLL310: 4.55 lbs, FLL320: 6.55 lbs, FLL330: 16.25 lbs, FLL340: 22.65 lbs FLL350: 29 lbs
Electrical:	120-277V operation, 50/60Hz, Single Driver RoHS and IP66
Application:	Ideal for Outdoor Commercial Spaces, Parking Lots, Stadiums. Suitable for use with most wired or wireless lighting control systems. Suitable for Wet Locations.

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PRODUCT SPECIFICATIONS

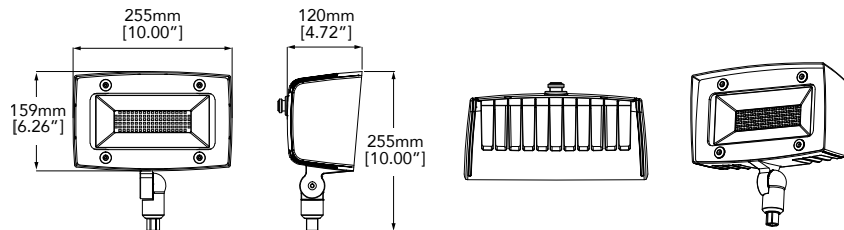
THE ORION E 310

CCT	SYSTEM WATTAGE	LED WATTAGE	LUMENS (LMS)	LUMENS PER WATT	REPLACES (MH)	CRI	OPTICS INFORMATION	VOLTAGE	WEIGHT
40K	20W	18W	2076	107	70W	≥80	Wide Beam	120-277	4.55 lbs.
	30W	27W	3207	105					
50K	20W	18W	2147	108	70W	≥80	Wide Beam	120-277	4.55 lbs.
	30W	27W	3286	106					



THE ORION E 320

CCT	SYSTEM WATTAGE	LED WATTAGE	LUMENS (LMS)	LUMENS PER WATT	REPLACES (MH)	CRI	OPTICS INFORMATION	VOLTAGE	WEIGHT
40K	40W	36W	4107	102	150W	≥80	Wide Beam	120-277	6.55 lbs.
	50W	45W	5007	101					
50K	40W	36W	4204	103	150W	≥80	Wide Beam	120-277	6.55 lbs.
	50W	45W	5097	102					



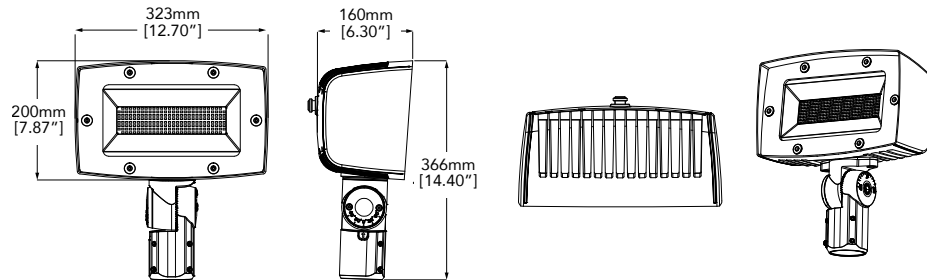
THE ORION E.

PRODUCT SPECIFICATIONS



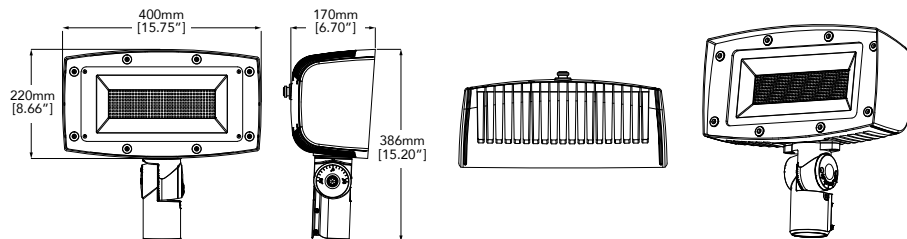
THE ORION E 330

CCT	SYSTEM WATTAGE	LED WATTAGE	LUMENS (LMS)	LUMENS PER WATT	REPLACES (MH)	CRI	OPTICS INFORMATION	VOLTAGE	WEIGHT
40K	80W	70W	8349	103	250W	≥80	Wide Beam	120-277	16.25 lbs.
	100W	90W	10859	109					
50K	80W	70W	8469	104	250W	≥80	Wide Beam	120-277	16.25 lbs.
	100W	90W	11028	110					



THE ORION E 340

CCT	SYSTEM WATTAGE	LED WATTAGE	LUMENS (LMS)	LUMENS PER WATT	REPLACES (MH)	CRI	OPTICS INFORMATION	VOLTAGE	WEIGHT
40K	120W	108W	13240	110	320W	≥80	Wide Beam	120-277	22.65 lbs.
	150W	133W	16391	110	400W				
50K	120W	108W	13415	111	320W	≥80	Wide Beam	120-277	22.65 lbs.
	150W	133W	16558	111	400W				

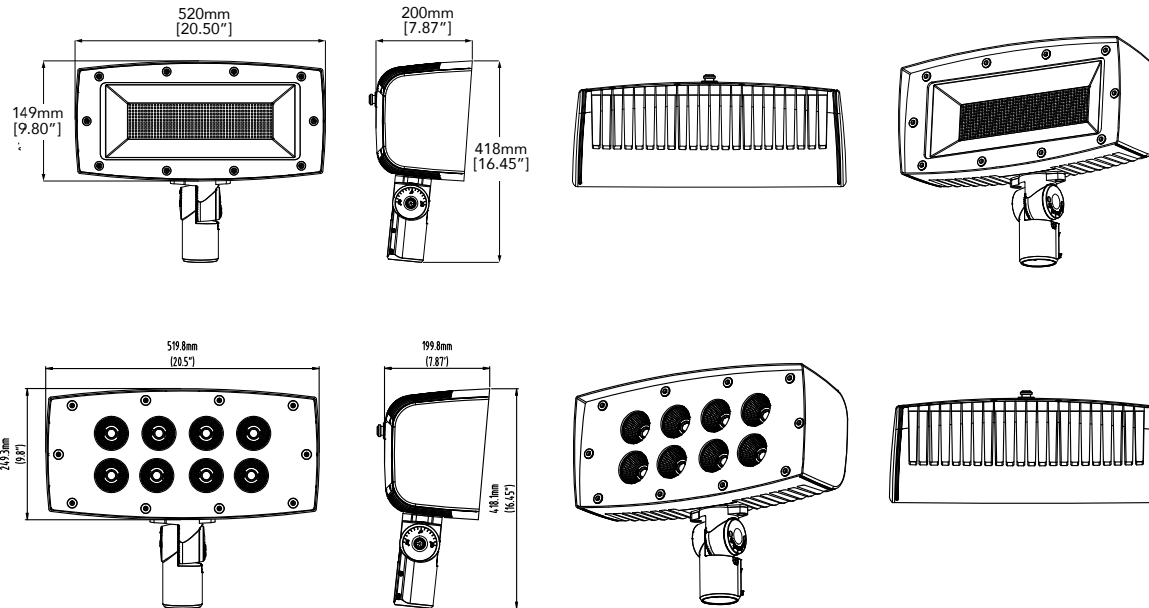


THE ORION E.

PRODUCT SPECIFICATIONS

THE ORION E 350

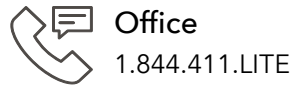
CCT	SYSTEM WATTAGE	LED WATTAGE	LUMENS (LMS)	LUMENS PER WATT	REPLACES (MH)	CRI	OPTICS INFORMATION	VOLTAGE	WEIGHT
40K	300W	270W	32939	108	1000W	≥80	6x6	120-277	29 lbs.
			36156	115			SMT Wide Beam		
			36185				3x3		
50K	300W	270W	33953	109	1000W	≥80	6x6	120-277	29 lbs.
			36630	117			SMT Wide Beam		
			35256				113		





Ready to Order or have any questions?

Contact us for any additional information, such as IES documentation and lighting specification Sheets, or please visit us online at: www.eranindustrial.com



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