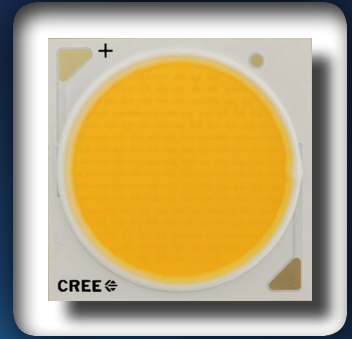


XLAMP® CXA ARRAYS: STANDARD DENSITY (LARGE)

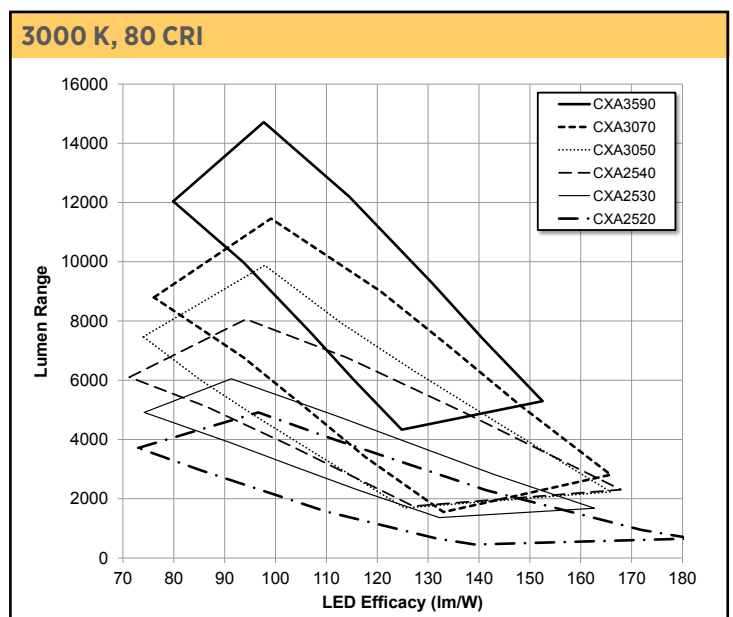
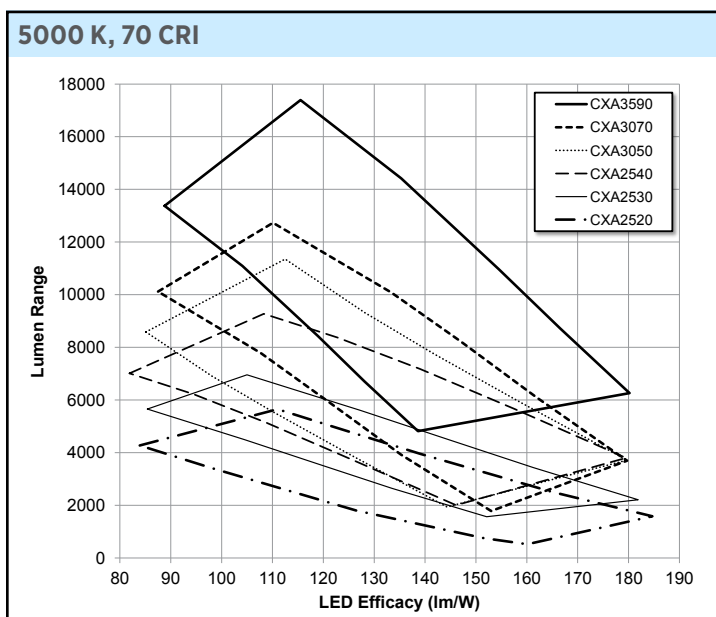
- Broad Family Of Easy-To-Use LEDs For Many Applications
- Small Optic Size For Higher Intensity & Lower System Cost
- Quality & Reliability: UL Recognized Level 4, LM-80
- Wide Range Of Lumen & CRI Options



Product Selector Table

		CXA2520	CXA2530	CXA2540	CXA3050	CXA3070	CXA3590	
Light Emitting Surface		19 mm			23 mm		30 mm	
Typical	Current	550 mA	800 mA	1100 mA	1400 mA	1925 mA	2400 mA	1200 mA
	Vf @ 85°C	36 V	37 V	37 V	37 V	38.5 V	36 V	77 V
	Power	20 W	30 W	40 W	52 W	74 W	86 W	95 W
Max.	Current	1250 mA	1600 mA	2100 mA	2500 mA	2800 mA	3600 mA	1800 mA
	Power	50 W	66 W	86 W	100 W	117 W	150 W	150 W

Performance Selector Guide (T_c = 55°C)



Applications

Directional

- High Output Track (Flood):
Halogen, CMH
- Mid/High Bay:
Metal Halide

Semi-Directional

- Downlight:
CMH, Quartz Halogen
- Wall Pack:
Metal Halide

CRI & CCT Options

70 CRI minimum

6500 K
5700 K
5000 K
4000 K

80 CRI minimum

6500 K
5700 K
5000 K
4000 K
3500 K
3000 K
2700 K

95 CRI typical

5000 K
4000 K
3500 K
3000 K
2700 K

Reference Designs

6" Downlight (CXA2520) - 3000 K, 80 CRI

50° cutoff angle

2140 lm / 26 W / 83 LPW

42 W Tri-Tube CFL Equivalent

- 8x longer lifetime than CFL
- Lifetime not shortened by on/off cycles



Retail Track Light (CXA2540) - 3000 K, 90 CRI

21° / 23,987 cd

4103 lm / 80 W / 51 LPW

70 W Ceramic Metal Halide Equivalent

- Same light quality, superior lifetime



Low Bay (CXA3050) - 4000 K, 80 CRI

Exceeds DLC requirements

6356 lm / 69 W / 92 LPW

150 W Metal Halide Equivalent

- Longer lifetime, instant on & restrike



LM-80 Data Summary

LED	I _F (mA)	Ta/Tc (°C)	TM-21 Reported (Hrs)	
			L90	L70
CXA2520	700	105	>36,300	>36,300
CXA2520	1250	85	>36,300	>36,300
CXA2530	808	105	>36,300	>36,300
CXA2530	1400	85	32,300	>36,300
CXA2540	1154	105	>36,300	>36,300
CXA2540	1731	85	23,900	>36,300

LED	I _F (mA)	Ta/Tc (°C)	TM-21 Reported (Hrs)	
			L90	L70
CXA3050	1500	105	>36,300	>36,300
CXA3050	2250	85	23,900	>36,300
CXA3070	1650	105	Coming Q4 2014	
CXA3070	2200	85	Coming Q4 2014	
CXA3590	1050	105	Coming Q4 2014	
CXA3590	1400	85	Coming Q4 2014	