

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/Ts (°C)	TM-21 Reported (Hrs)	
			L90	L70
CXA2520	624	105	35,000	>60,500
	707	85	>57,500	>57,500
	936	85	35,500	>39,300
	1040	55	55,100	>60,500
CXA2530	808	105	35,000	>60,500
	915	85	>57,500	>57,500
	1212	85	35,500	>39,300
	1346	55	55,100	>60,500
CXA2540	1139	105	35,000	>60,500
	1281	85	>57,500	>57,500
	1693	85	35,500	>39,300
	1903	55	55,100	>60,500

LED	I _F (mA)	Ta/Ts (°C)	TM-21 Reported (Hrs)	
			L90	L70
CXA3050	1500	105	35,000	>60,500
	1700	85	>57,500	>57,500
	2250	85	35,500	>39,300
	2500	55	55,100	>60,500
CXA3070	1335	105	>36,300	>36,300
	1794	85	>36,300	>36,300
CXA3590 (36 V)	2100	105	>36,300	>36,300
	2800	85	>36,300	>36,300
CXA3590 (72 V)	1050	105	>36,300	>36,300
	1400	85	>36,300	>36,300