



COLD CATHODE GROW LIGHTS

Why Cold Cathode Hybrid Lights For Growing?

- Plasma LM Cold Cathode is electrical discharge lighting which utilizes a large mass electrode
- Energy efficient - 50% of running costs per 20 year lifetime compared to LED
- Cool operating temperatures - reduces A/C costs up to 60%
- No loss of brightness during bulb lifetime
- 100% American made
- Growers are claiming that the cold cathode lights are brighter than the Sun and the crops love them



Energy Efficient

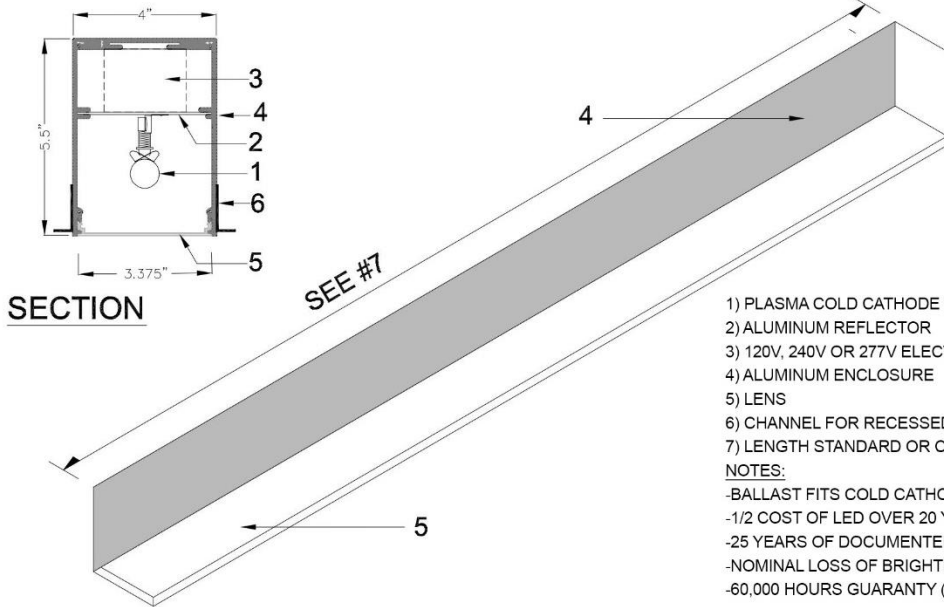
- Typical startup 15 watts per foot & 3-5 watts there after
- Longevity 100k+ hours running 24/7
- Instant start in extreme hot or cold
- No degradation with cycling or effect on bulb life

Environment Friendly

- All lead free glass
- Our glass will not implode or explode when broken like fluorescent lamps
- Longevity means fewer replacement tubes
- No arsenic commonly found as in led light, no concerns with arsenic absorbed in crop

LINEAR Light

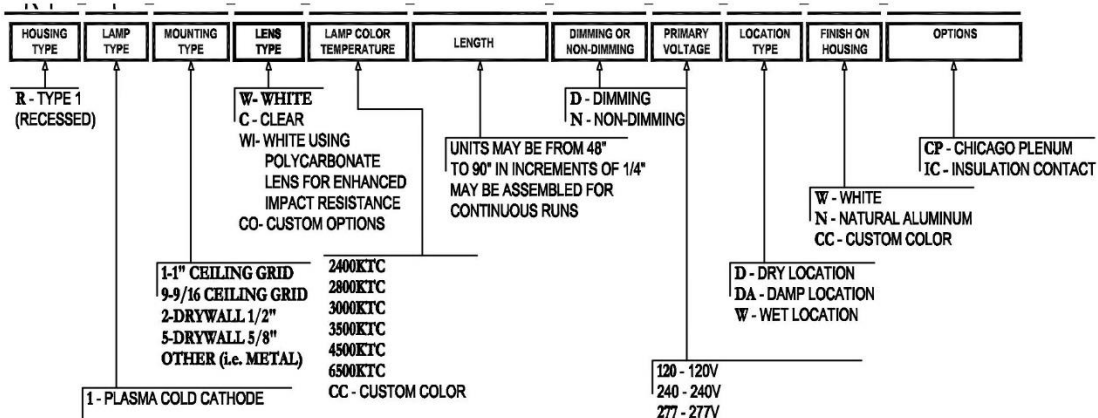
Recessed Plasma Cold Cathode Fixture



- 1) PLASMA COLD CATHODE TUBE
- 2) ALUMINUM REFLECTOR
- 3) 120V, 240V OR 277V ELECTRONIC BALLAST
- 4) ALUMINUM ENCLOSURE
- 5) LENS
- 6) CHANNEL FOR RECESSED CEILING MOUNT
- 7) LENGTH STANDARD OR CUSTOM

NOTES:
 -BALLAST FITS COLD CATHODE, LED AND FLUORESCENT
 -1/2 COST OF LED OVER 20 YEARS
 -25 YEARS OF DOCUMENTED PERFORMANCE WITH COLD CATHODE
 -NOMINAL LOSS OF BRIGHTNESS
 -60,000 HOURS GUARANTY (FREE BULB REPLACEMENT)

G-P LLC systems are versatile and functional Plasma Cold Cathode fixtures, for both interior and exterior applications. G-P LLC fixtures can be surface mounted, recessed mounted in either a ceiling grid or inaccessible drywall or pendant mounted. G-P LLC fixtures are available with 120V, 240V or 277V ballasts, standard or dimmable. G-P LLC fixtures may be specified from 48" to 90" lengths in 1/4" increments and can be combined for continuous runs. G-P LLC fixtures can be specified for insulation contact or Chicago plenum rated as well as for damp or wet locations.



MANY USERS REPORT 0 LOSS IN BRIGHTNESS AND ZERO BULB REPLACEMENTS DURING 20+ YEARS OF SERVICE.