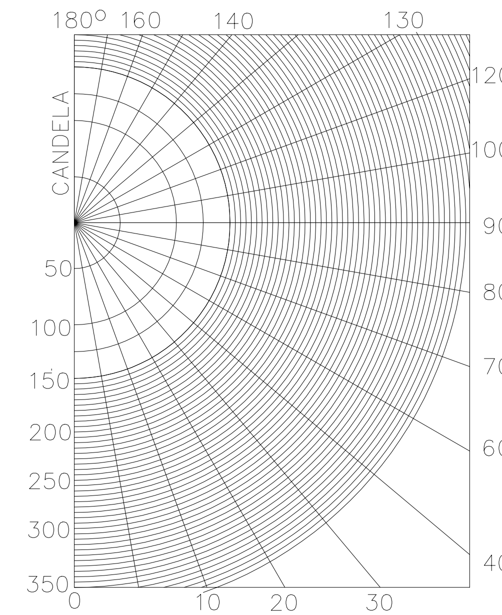
DISTRIBUTION DATA



TESTED AT TWENTY FIVE FEET WITH LAMP RATED AT 1000 LUMENS IF DATA IS DESIRED FOR OTHER LAMP LUMENS MULTIPLY CANDELA AND LUMEN VALUES GIVEN BY RATIO-DIFFERENT LAMP RATING DIVIDED BY 1000 LUMENS

HPS-14 250 WATT LOWMOUNT HIGH PRESSURE SODIUM (WEATHERPROOF)

FIXTURE SHALL HAVE DIECAST ALUMINUM BALLAST HOUSING, SPUN ALUMINUM REFLECTOR, ALZAK PROTECTED INSIDE AND OUT. REFRACTOR SHALL BE GASKETED AND SPUN ONTO REFLECTOR FOR MAXIMUM SEAL RELIABILITY. PROVIDE ENCLOSED ACTIVATED CHARCOAL FILTER.

REFLECTOR SHALL BE U.V. STABILIZED INJECTION MOLDED ACRYLIC PLASTIC.

PROVIDE LUMINAIRE WITH GASKETS AT ALL POINTS WHERE WATER AND DUST ENTRY IS PROBABLE. ALL EXTERNAL HARDWARE TO BE STAINLESS STEEL.

THE BALLAST SHALL START AND OPERATE THE LAMP IN AMBIENT TEMPERATURES DOWN TO 20°F. THE FIXTURE SHALL OPERATE WITH INPUT VOLTAGE VARIATIONS OF ±10% FROM NOMINAL. AT RATED LINE VOLTAGE THE BALLAST SHALL HAVE A MINIMUM POWER FACTOR OF 95%.

THE COEFFICIENT OF UTILIZATION SHALL BE NOT LESS THAN .67 BASED ON A CEILING REFLECTANCE OF 50%, WALL REFLECTANCE OF 30%, FLOOR REFLECTANCE OF 20% AND A ROOM CAVITY RATIO OF 2. EACH UNIT SHALL BE COMPLETELY WIRED AND EQUIPPED WITH ALL AUXILIA-RIES.

PROVIDE A BACKUP 150 WATT SINGLE ENDED BAYONET TYPE QUARTZ LAMP. LAMP WILL REMAIN ON UNTIL HID LAMP REACHES 60% OF FULL LIGHT OUTPUT.

PROVIDE G.E. MODEL LOW MOUNT 150 OR APPROVED EQUAL.

LAMP	1 – 250 WATT CLEAR HIGH PRESSURE SODIUM
BALLAST	REGULATOR, VOLTAGE AS SHOWN ON DRAWINGS