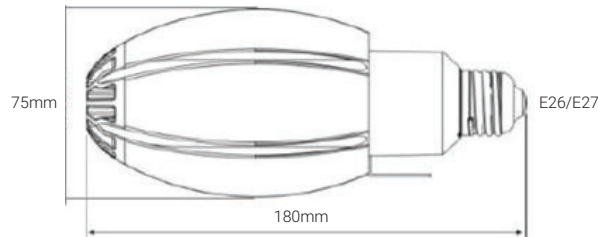


UMSUG Code: 42 0020 0000 100



PRODUCT:

The EllipseLED is a cost effective retrofit solution for 70W HPS bulbs. Featuring a 330° wide beam angle design, the EllipseLED is the same size as a traditional HID bulb to allow for easy retrofitting in any housing type.

Long life LEDs, coupled with a high-efficiency driver, provide superior quality of illumination for extended service life.

Rated to deliver LM80 performance for 50,000 hours. Separate screw adapter to switch between E26/E27 and E39/E4

Supplied with 5 year Warranty as standard.

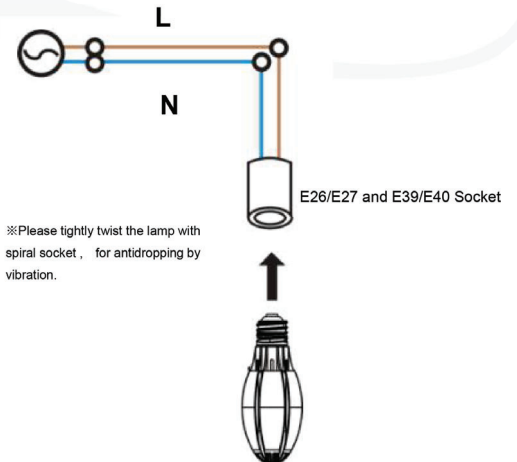
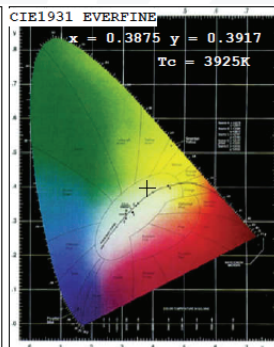
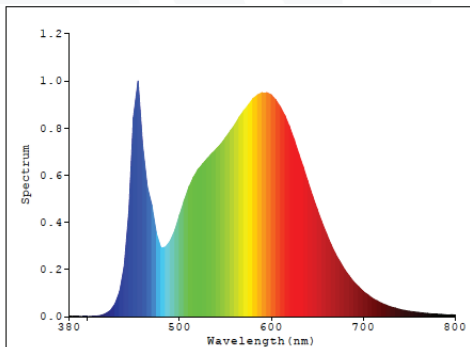
DETAILS:

Colour Temperature:
4000K (Optional: 3000K, 5000K)
 Wattage:
20W (>3100lm)
 Lifetime:
>50.000 Hours

IP Rating:
P62
 Voltage:
AC100-277V 50/60Hz
 Beam Angle:
330°

Efficacy In.Flux:
>155lm/w
 Operating Temperature:
- 30°C ~ +50°C
 Surge Protection:
2.5kV

20W EllipseLED:



Color Parameters:

Chromaticity Coordinate: $x=0.3875$ $y=0.3917$
 Chromaticity Coordinate: $u'=0.3875$ $v'=0.3917$ ($duv=4.85e-03$)
 $T_c=3925K$ Dominant WL: $L_d=577.1nm$ Purity: 33.9% Centroid WL: $571.0nm$
 Ratio: $R=19.5\%$ $G=77.2\%$ $B=3.3\%$ Peak WL: $L_p=455.0nm$ HWL: $22.6nm$
 Render Index: $R_a=81.0$
 $R1 = 79$ $R2 = 89$ $R3 = 96$ $R4 = 78$ $R5 = 78$ $R6 = 85$ $R7 = 85$
 $R8 = 60$ $R9 = -3$ $R10 = 73$ $R11 = 76$ $R12 = 55$ $R13 = 81$ $R14 = 98$ $R15 = 71$

Photo Parameters:

Flux: 3101.0 lm $F_e = 9.0842$ W Efficacy: 158.4 lm/W

Electrical Parameters:

Luminaire: $U=203.1V$ $I=0.1049A$ $P=19.57W$ $PF=0.9184$

Instrument Status:

Scan Range: $380.0nm-800.0nm$ Interval: $5.0nm[0]$ $I_p=25409$ ($G=4, D=50$)
 $REF=6195$ ($R=3$) $\%=-0.197\%$ $PMT: 29.6$ centigrade [27.7]

