GARVIN
ELECTRICAL MANUFACTURER

c(UL)us
LISTED
E465717

9.45"

E26

3.66"

NAME: LED Corn Light

ITEM #: LED40

- UL, CUL
- E26 Medium base
- 360 degree lighting, high CRI
- IP64 Waterproof Rating
- Big heat sink
- Internal driver, input voltage AC100-277V
- New style and he efficiency wide-range input
- Long lifespan and good heat dissipation
- Direct replacement for Metal Halide. Easy installation
- Fits many different fixtures to replace traditional lamps
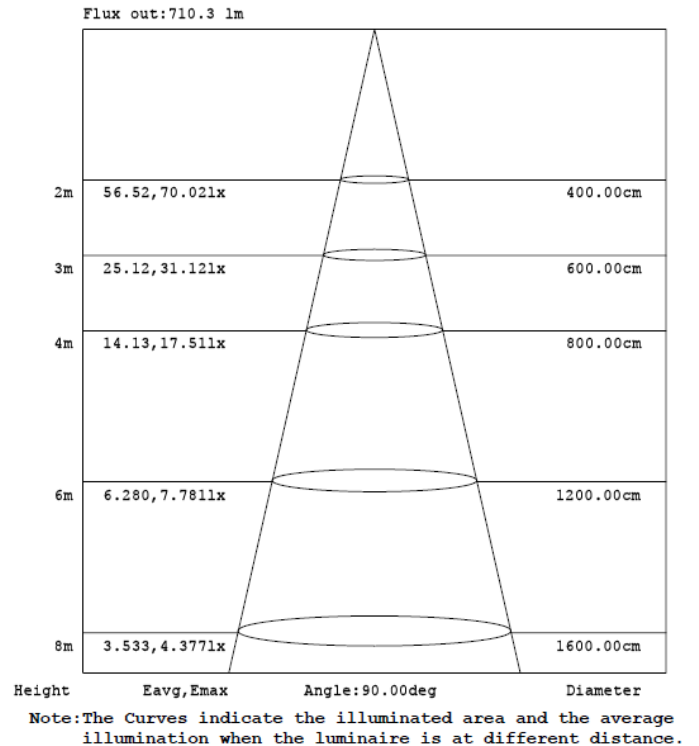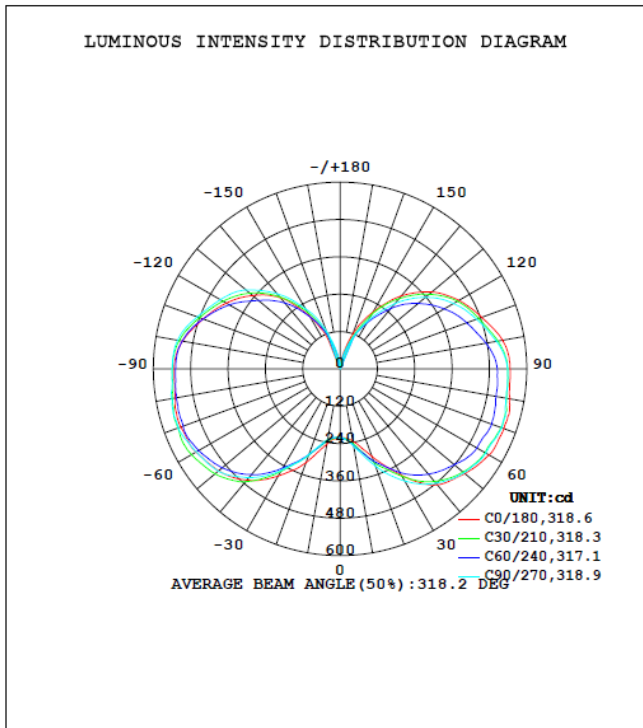
Application

Widely used in supermarkets, warehouses, garages, homes, offices, hotels, hospitals, schools, streets, gardens, etc.
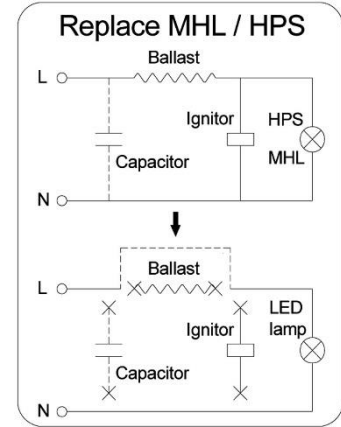
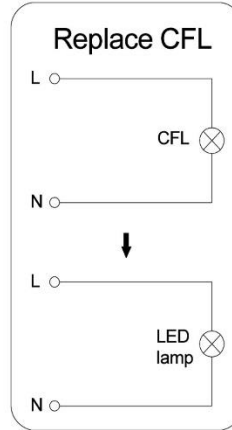| PRODUCT SPECIFICATIONS	
Product Name	LED Corn Light
Light Type	Corn Light
Item #	LED40
Dimension	3.66" (Diameter) * 9.45" (Length)

TECHNICAL CHARACTERISTICS	
Cover	Clear
Color Temperature	6500K
CRI	>80
Lumens	5200-5800
Lumen Efficacy	130-145 LM/W
Input Power	40W
Viewing Angle	360 Degrees
Input Voltage	AC100-277V
PFC	>0.9
Equivalent	80W CFL, 150W MHL/HPS/HID
Waterproof Rating	IP64

MATERIALS	
LED Type	SMD2835
Housing	PC + AL (Fin)
Housing Color	White + Grey

OTHERS	
Operating Temperature	-20°C to 45°C
Operating Humidity	20% - 70% RH
Storage Temperature	-30°C to 80°C
Storage Humidity	10% - 75% RH
Application	Indoor/Outdoor
Safety Certification	UL, CUL
Warranty Time	5 Years

LAMP DATA		PHOTOMETRIC DATA			
Model	LED40	Imax (cd)	577.0	S/MH (C0/180)	2.67
Nominal Power (W)	40	LOR (%)	100.0	S/MH (C90/270)	2.67
Rate Voltage (V)	120	Total flux	5479.6	n UP, DN(C0-180)	21.6, 28.1
Nominal Flux (1m)	5479.63	CIE Class	Diffuse	n UP, DN(C180-360)	22.2, 28.1
Lamps Inside	1	n UP(%)	43.8	CIBSE SHR NOM	2.00
Test Voltage (v)	120	N Down(%)	56.2	CIBSE SHR MAX	0.00

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

UNIT:cd

- C0/180,318.6
- C30/210,318.3
- C60/240,317.1
- C90/270,318.9

AVERAGE BEAM ANGLE(50%):318.2 DEG

Flux out:710.3 lm

Height	Eavg,Emax	Angle:90.00deg	Diameter
2m	56.52,70.021x		400.00cm
3m	25.12,31.121x		600.00cm
4m	14.13,17.511x		800.00cm
6m	6.280,7.7811x		1200.00cm
8m	3.533,4.3771x		1600.00cm

Note:The Curves indicate the illuminated area and the average
illumination when the luminaire is at different distance.

NOTICE FOR USER

- Please turn off power before install or change assembly parts.
- The input voltage and lamps should be matched, after connecting the power line, please make sure the wiring section is insulated.
- Make sure to remove or bypass the ballast in the fixtures before installing the lamps.
- Suitable for damp locations. Do not use with dimmers.
- Suitable for use in enclosed luminaires, min. lamp compartment dimensions: 380*200*200MM.
- Non-professionals should not install or disassemble the lamps

TROUBLE SHOOTING

ISSUE	SUGGESTED RESOLUTION
Lamp Flickering	Turn off power and turn on again three minutes later. Call agency if the issue persists.
Lamp Not Working	Check the lamp connection to a power source. Call agency if the issue persists.