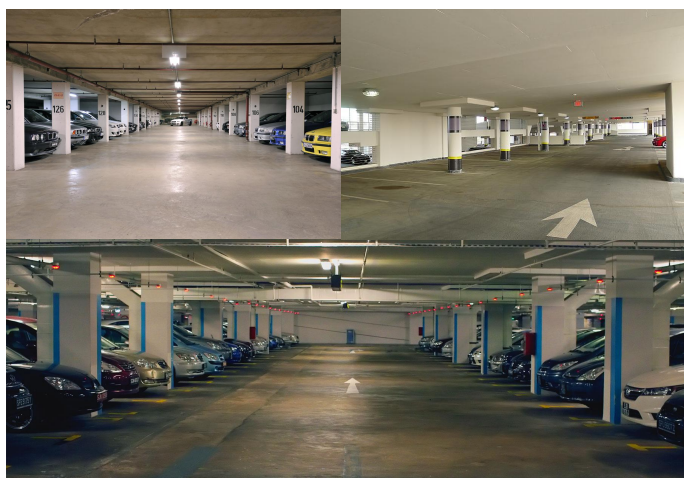


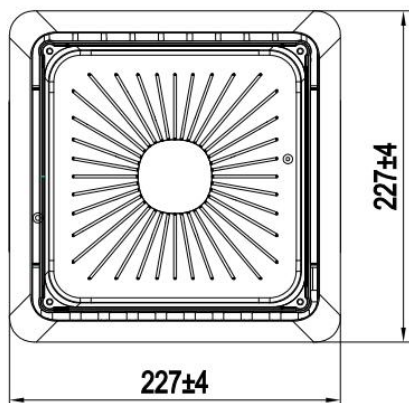
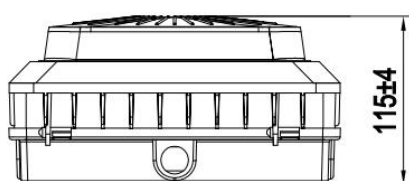
NEX GEN LED LIGHTS AND SIGN
+1 817-800-2132
12450 East Fwy Suite 100, Houston,
TX 77015, United States



Note:

“a” can be any two letters to represent lamp colors;
WH=White, BR=Brown, or Customized;
“b” can be S or blank;
represent Surge protector or None Surge protector;
“c” can be M or blank;
represent Motion-sensor or None motion-sensor;
“d” can be any two digits to represent CCT, can be
30=3000K, 35=3500K, 40=4000K,
45=4500K, 50=5000K, 57=5700K, 65=6500K.
“e” can be “EM” or blank
represent Emergency power supply

DIMENSIONS



ADVANTAGE

- UL cUL DLC-V5.1(Premium) certificate.
- IP65 Internal driver, Input voltage 120-277Vac.
- Output constant current lever can be adjusted through output cable with 0-10V.
- No UV or IR in the beam.
- Easy to install and operate.
- Energy saving, Long lifespan.
- Light is soft and uniform, Safe to eyes.
- Instant start, NO flickering, NO humming.
- Green and eco-friendly without mercury.

APPLICATION

- Widely used in underground parking lot, garage and so on..

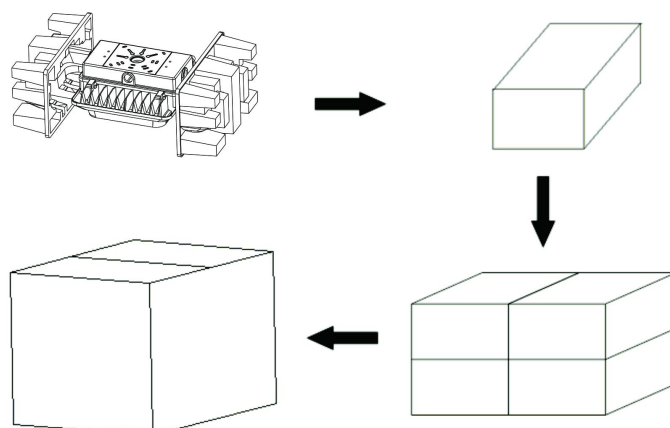
SPECIFICATIONS

OPTICAL	Input Power (Tolerance : $\pm 10\%$)	55W						
	Color Temperature	3000K	3500K	4000K	4500K	5000K	5700K	6500K
	CRI	>80						
	Color Consistency	< 6 Steps (or < 6 SDCM)						
	BUG	B2-U3-G2						
	Diffuser Type	Clear Stripe PC						
	Beam Angle (50%) (Tolerance : $\pm 15\%$)	150 Degree						
ELECTRICAL	Input Voltage and Frequency	120-277VAC, 50/60Hz;						
	PF (Tolerance : -3%)	≥ 0.9						
	THD (Tolerance : +5%)	$\leq 20\%$						
	Flicker Percent	< 60%						
	Driver Brand	Daermay						
	Driver Model	HB-LPG060-52						
	Driver Surge protection	L/N-PE: 4kV, L-N: 4kV						
	Dimming	0-10V dimming standard						
MATERIALS	LED Brand	HongLi						
	LED Type	SMD2835 (0.5W)						
	LED QTY	165 PCS						
	Housing	Die-cast aluminum						
	Housing Color	White, or Customized						
	Waterproof Rating	WET (IP65)						
OTHERS	Operating Temperature	-40°C TO $+45^{\circ}\text{C}$						
	Storage Temperature	-40°C TO 80°C						
	Operating Humidity	20% - 90% RH						
	Storage Humidity	10% - 95% RH						
	Warranty	5 years warranty with 24/7 operating hours Luminaire lifetime at 25°C .						

PACKAGE

	Size	Qty/ Carton	Lamps Net Weight	Weight/ Carton
Inner box	280*270*175 MM	1 PC	1.9KG	2.4KG
Outer box	560*370*300 MM	4 PCS	7.6KG	9.6KG

Tolerance of Carton Size: ± 15 MM, Tolerance of Weight: $\pm 10\%$.



LIGHT DISTRIBUTION TESTING PARAMETERS

Luminaire Property

Luminaire Manufacturer:
Luminaire Category:
Lamp Catalog:
Number of Lamps:
Luminous Length (mm):
Luminous Height (mm):
Current: 0.460 A
Power Factor: 0.985

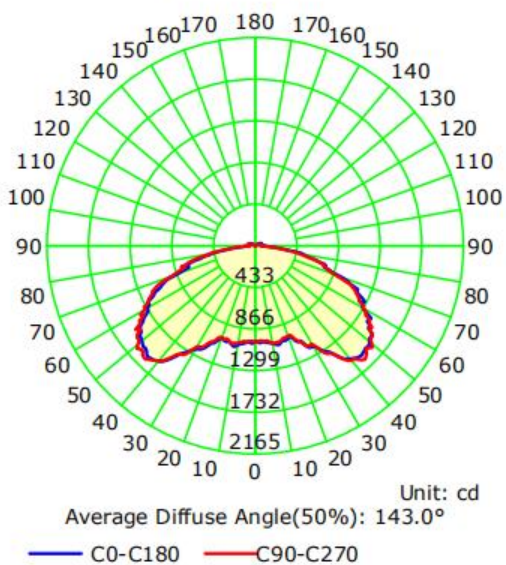
Luminaire Description:
Lamp Description:
Lumens per Lamp:
Luminous Width (mm):
Voltage: 120.0 V
Power: 54.36 W

Photometric Results

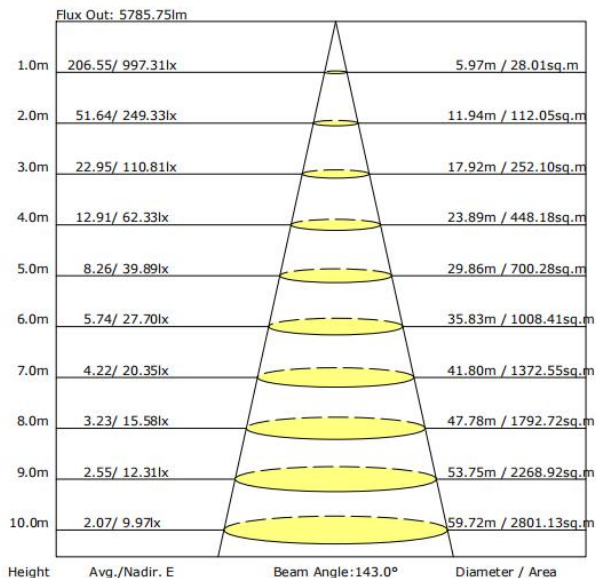
CIE Class: Direct
Measurement Flux: 6841.1 lm
Downward Ratio: 97%
Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 170.7, 170.7, 172.6, 172.5
Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 143.0, 143.1, 143.1, 143.5
Luminaire Efficacy Rating (LER): 125.90
Max. Intensity: 1732.77 cd
S/MH(C0/C180): 2.14

Total Rated Lamp Lumens: 6841.1 lm
Efficiency: 100%
Upward Ratio: 3%
C0r0 Intensity: 997.31 cd
Pos of Max. Intensity: H225 V57
S/MH(C90/C270): 2.16

Luminous Intensity Distribution Curve



The Average Illuminance Effective Figure



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.
- No-professionals, must not install and disassemble the lamps.

TROUBLE SHOOTINGS

Troubles	Check points
Flickering of the light	Turn off the power and turn on again in 3 minutes. If same phenomena occur, then call agencies.
Out of working	Please check the connection.