

NEX GEN LED LIGHTS AND SIGN  
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TX 77015, United States

## Note:

SWP08=Product series,LED Semi-cut off Wall Pack;

M=Product size,M=medium;

120=Rating Power;

W=dirver manufacturer,W=Weledpower;

B=LED manufacturer,B=lumileds;

SP=Cover type,SP=stripe PC;

S=LED module type, S=single CCT;

A=Input voltage, 120-277VAC;

1=Version number;

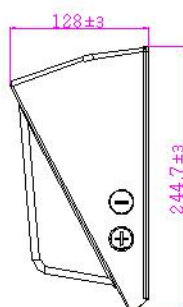
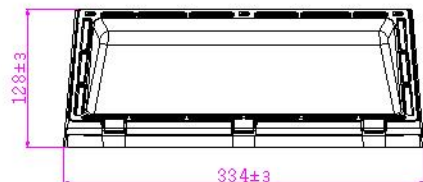
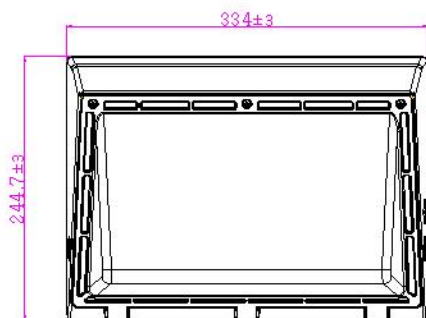
“a” can be any two letters to represent lamp colors;

“b” can be “S” or blank for Surge-Protective Device provided or not;

“d” can be any digits for CCT;



## DIMENSIONS



## ADVANTAGE

- UL, cUL, DLC5.1 premium certificate
- Lumileds 2835, high CRI.
- 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

- Entrance lighting,courtyard lighting;
- Industrial lighting,Outdoor landscape lighting;
- Building,The hotel;
- Wall lighting area and so on.

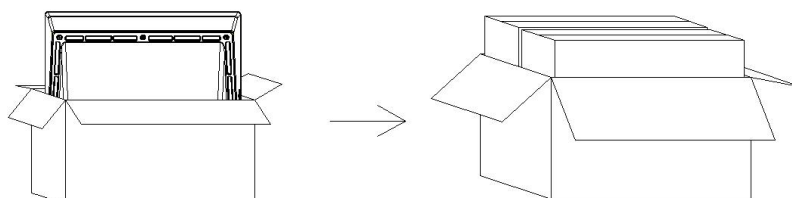
## SPECIFICATIONS

|            |                                            |                                                                        |         |         |         |         |
|------------|--------------------------------------------|------------------------------------------------------------------------|---------|---------|---------|---------|
| OPTICAL    | Input Power (Tolerance : $\pm 10\%$ )      | 120W                                                                   |         |         |         |         |
|            | Color Temperature                          | 4000K                                                                  | 4500K   | 5000K   | 5700K   | 6500K   |
|            |                                            |                                                                        |         |         |         |         |
|            | Efficacy (Tolerance : $\pm 5\%$ )          | 135LM/W                                                                | 135LM/W | 136LM/W | 136LM/W | 136LM/W |
|            | CRI                                        | >80                                                                    |         |         |         |         |
|            | Color Consistency                          | < 6 Steps (or < 6 SDCM)                                                |         |         |         |         |
|            | BUG                                        | B3-U5-G5                                                               |         |         |         |         |
|            | Diffuser Type                              | PC                                                                     |         |         |         |         |
|            | Beam Angle (50%) (Tolerance : $\pm 15\%$ ) | H92*V102 Degree                                                        |         |         |         |         |
| ELECTRICAL | Input Voltage and Frequency                | 120-277VAC 50/60Hz                                                     |         |         |         |         |
|            | PF (Tolerance : -3%)                       | $\geq 0.9$                                                             |         |         |         |         |
|            | THD (Tolerance : +5%)                      | $\leq 20\%$                                                            |         |         |         |         |
|            | Flicker Percent                            | < 30%                                                                  |         |         |         |         |
|            | Driver Brand                               | Weledpower                                                             |         |         |         |         |
|            | Driver Model                               | WP-CNB-120U-1A2SCPO-Z-PRO                                              |         |         |         |         |
|            | Driver Surge protection                    | L-N: 4kV , L&N-E: 6kV                                                  |         |         |         |         |
|            | Dimming                                    | 0-10V dimming standard                                                 |         |         |         |         |
|            | Sensor Type                                | No Sensor                                                              |         |         |         |         |
| MATERIALS  | Optional Accessory                         | Surge-protective Device, Photocell                                     |         |         |         |         |
|            | LED Brand                                  | LUMILEDS                                                               |         |         |         |         |
|            | LED Type                                   | SMD 2835                                                               |         |         |         |         |
|            | LED QTY                                    | 336 PCS                                                                |         |         |         |         |
|            | Housing                                    | Die-cast aluminum                                                      |         |         |         |         |
|            | Housing Color                              | All Color                                                              |         |         |         |         |
|            | Waterproof Rating                          | WET (IP65)                                                             |         |         |         |         |
| OTHERS     | Operating Temperature                      | -40°C TO 45°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 | Net Weight / Carton | Gross Weight / Carton |
|-----------|---------------|--------------|---------------------|-----------------------|
| Inner box | 257*140*350MM | 1 PCS        | 2.3KG               | 2.6KG                 |
| Outer box | 300*277*374MM | 2 PCS        | 4.6KG               | 6KG                   |

Tolerance of Carton Size:  $\pm 15$  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: 0.965 A  
Power Factor: 0.998

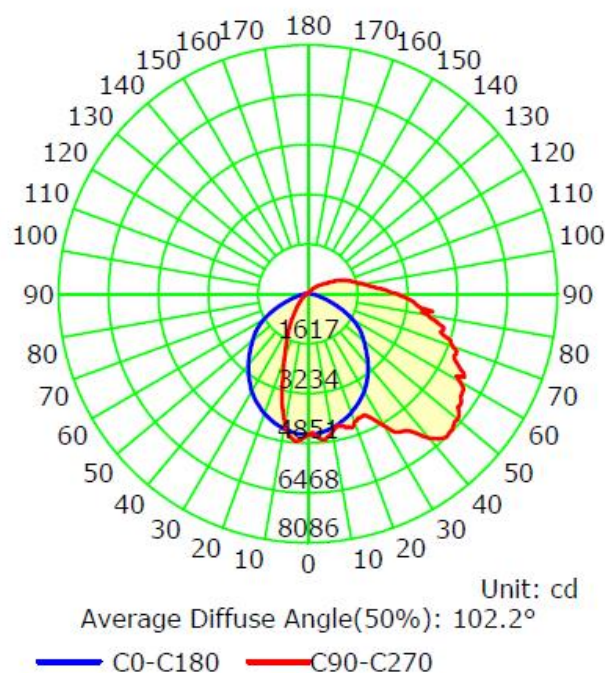
Luminaire Description:  
Lamp Description:  
Lumens per Lamp:  
Luminous Width (mm):  
Voltage: 120.0 V  
Power: 115.57 W

### Photometric Results

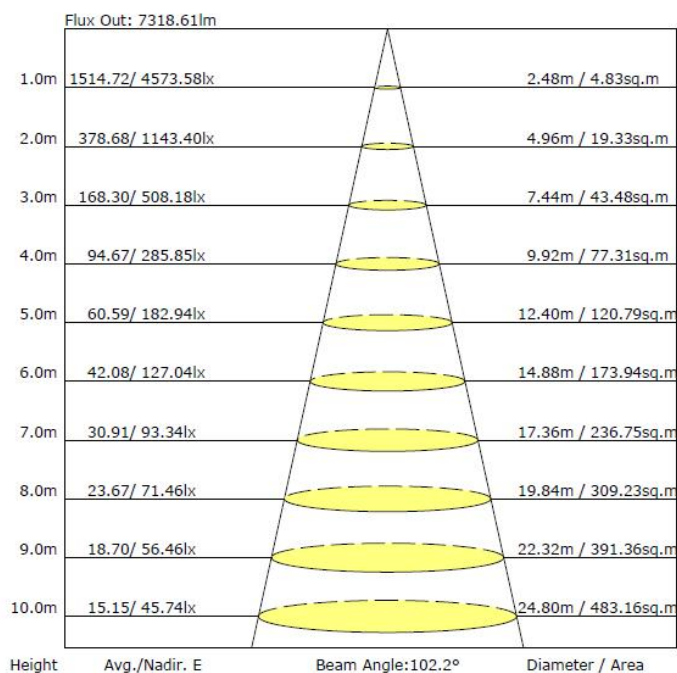
IES Classification: Type IV  
Total Rated Lamp Lumens: 15698.6 lm  
Efficiency: 100%  
Upward Ratio: 11%  
C0r0 Intensity: 4573.58 cd  
Pos of Max. Intensity: H90 V44  
Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 102.2, 102.2, 108.0, 108.4

Longitudinal Classification: Very Short  
Measurement Flux: 15698.6 lm  
Downward Ratio: 89%  
Luminaire Efficacy Rating (LER): 135.89  
Max. Intensity: 6468.87 cd

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.<br>If same phenomena occur, then call agencies. |
| Out of working          | Please check the connection.                                                                       |