

# OWL12

## OUTDOOR WALL LIGHT SPECIFICATIONS



Job Information	
Project Name	
Type	
Location	
Quantity	
Date	

## DESCRIPTION

With bright, reliable, and consistent lighting, this wall pack ensures optimal visibility and safety in outdoor environments. Sturdy and durable, it can withstand harsh weather conditions and is resistant to water, dust, and other environmental elements. Its long lifespan reduces the need for frequent replacement. This LED light can brighten to full capacity instantly without the need for warm-up and also has dimming capabilities. It is an eco-friendly choice since it contains no mercury and is highly energy-efficient. With full cut-off light distribution is a dark-sky friendly choice as well. Ideal for illuminating walkways, entrances, parking lots, and building exteriors

## OVERVIEW

- 40W/70W 140 lm/W.
- IP66 rating, EVA board on the back preventing water from flowing in.
- Corrosion resistance: Outdoor polyester & anti-corrosion material coating
- Great heat dissipation. Driver located at the grille heat sink helps excellent dissipation performance.
- Uniformly asymmetrical light distribution, illuminating the area without light pollution.
- 5 years warranty.
- Dark Sky Approved when  $\leq 3000\text{K}$

## PERFORMANCE

MODEL NO.	OWL12-40	OWL12-70
POWER CONSUMPTION( $\pm 10\%$ )	40W	70W
INPUT VOLTAGE	120-277VAC/277-480VAC	
LUMINOUS FLUX ( $\pm 10\%$ )	5600 LM	9800 LM
EFFICACY(4000K RA70)	140 LM/W	
CCT	4000K/5000K	
CRI	70	
DIMMING	1-10V	
PRODUCT DIMENSION	296x150x223mm (11.65" x 5.91"x8.78")	
MOUNTING OPTION	WALL MOUNTED	
MATERIAL	DIE-CASTING ALUMINIUM BODY, POLYCARBONATE LENS	
FINISH	POWDER COATING	
FIXTURE COLOR	BLACK/BRONZER	
IP RATING	IP66	
IK RATING	IK10	
OPERATING TEMPERATURE	-30°C TO + 50°C(-22°F TO 122°F)	
LIFESPAN OF LED @TA=25°C	67,000 HRS, L90 146,000 HRS, L80 236,000 HRS, L70	
WARRANTY	5 YEARS	
APPLICATION	OUTDOOR, LANDSCAPE, PERIMETER	

### PRODUCT ORDERING GUIDE

EXAMPLE: OWL12-UNV-40-3000-80-V-Z

SERIES	VOLTAGE	WATTAGE	CCT	CRI	DIMMING	FINISH
OWL12	UNV: 120-277VAC	40	4000	70	N: None	B: BLACK
	480: 277-480VAC	70	5000	80	V: 0-10V	Z: BRONZER

### FEATURES

#### ► Optics

Using professional optical lens with 93% light transmittance, makes OWL12 very efficient, with low UGR profile and asymmetrical light distribution.

#### ► Electrical

Voltage	120/277VAC
THD	<20%
Power Factor	>0.9
Surge Protection	6kV line-line, 10kV line-earth

#### ► Environment & Certifications

cETL and cULus listed for wet locations

#### ► Warranty

5 years limited warranty

#### ► Chip

Powered by high efficiency Nichia LED chip.

#### ► Finish

The powder-coated finish ensures a uniform appearance, offering long-term durability and superior aesthetics.

#### ► Housing Material

Die-cast aluminum housing ensures durability and efficiency, with heat resistance polycarbonate lens.

#### ► LED System

**CRI** With an option of 80 color rendering index (CRI), this product delivers adequate illumination, featuring tight chromatically specifications and a precise color binning process to ensure consistency in CRI and CCT.

**CCT** Available in 4000K or 5000K with excellent color consistency.

**Thermal Management** Great heat dissipation. Driver located at the grille heat sink helps excellent dissipation performance

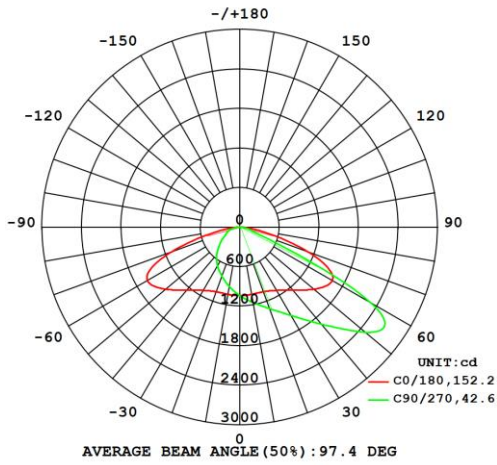
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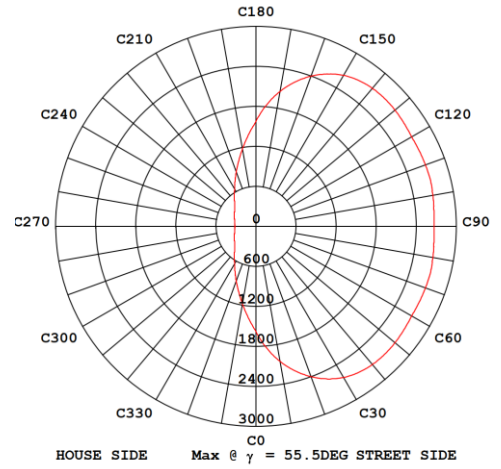
### PHOTOMETRIC DIAGRAM

40W, Ra80, 3000K

#### INTENSITY DISTRIBUTION DIAGRAM



#### MAX INTENSITY CONE SURFACE DISTRIBUTION DIAGRAM



### DIMENSIONS

