

Corvell Led Wall Light 12W

Outdoor Luminaire

Product Code:

LWWL04X012XW

12W - 840lm - 3000K - CRI>80 Ra - Beam Angle - 113°



Technical Specifications

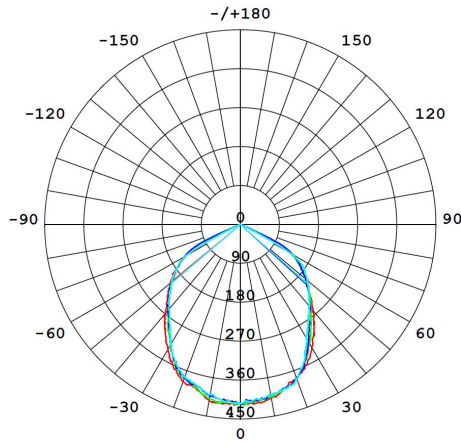
Operating Temperature	-10°C to 50°C
Operating Voltage Range	140 ~ 270 V/AC
Rated Input Voltage & Frequency	240 VAC, 50Hz
Rated Input Wattage	12W ± 10%
Rated Input Current	0.060 Amp (Nominal)
Power Factor	≥0.90
ATHD	<20%
Rated Luminous Flux	840 lm (tolerance as per BIS)
Rated Luminaire Efficacy	70 lm/W (tolerance as per BIS)
Correlated Color Temperature (CCT)	3000 K ± 175K (tolerance as per ANSI)
Color Rendering Index (CRI)	>70 Ra
Driver Efficiency	≥80%
LED	COB
LED Life Span	>50000 Hrs (Ta=25°C @L70)
Beam Angle	113°
Housing	Die Cast Aluminium with Powder Coating
Finish	Matt Grey
Lens / Reflector	Aluminium Anodized Reflector and Transparent Tempered Glass
Mounting	Surface / Wall

Protections

Over Voltage Protection	Withstand upto 300V/AC for 20 Min.
Surge Protection	±2.0KV
Ingress Protection (IP Rating)	IP54
Impact Protection (IK Rating)	IK04
Short Circuit Protection	Provided
Open Circuit Protection (No Load)	Provided
Reverse Polarity Protection	Provided

All technical data is subject to industry-standard tolerances.

Light Distribution

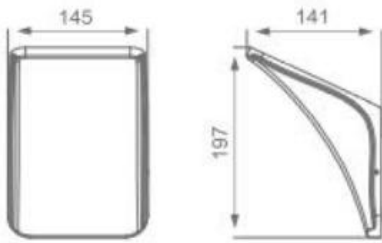


UGR Table

ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
x = 2H y = 2H	25.2	26.5	25.4	26.7	26.9	25.3	26.6	25.5	26.8	27.0
3H	25.0	26.2	25.3	26.4	26.7	25.1	26.3	25.3	26.5	26.7
4H	24.9	26.0	25.2	26.3	26.5	25.0	26.1	25.3	26.4	26.6
6H	24.8	25.9	25.1	26.1	26.4	24.9	25.9	25.2	26.2	26.5
8H	24.7	25.8	25.1	26.0	26.3	24.8	25.9	25.1	26.1	26.4
12H	24.7	25.7	25.0	26.0	26.3	24.8	25.8	25.1	26.0	26.3
4H 2H	25.5	26.6	25.8	26.9	27.1	25.6	26.7	25.9	27.0	27.2
3H	25.3	26.3	25.6	26.6	26.9	25.4	26.4	25.7	26.6	26.9
4H	25.2	26.1	25.6	26.4	26.7	25.3	26.2	25.6	26.5	26.8
6H	25.1	25.9	25.5	26.2	26.6	25.2	26.0	25.6	26.3	26.7
8H	25.1	25.8	25.5	26.1	26.5	25.1	25.9	25.5	26.2	26.6
12H	25.0	25.7	25.4	26.1	26.5	25.1	25.7	25.5	26.1	26.5
8H 4H	25.1	25.8	25.5	26.1	26.5	25.1	25.9	25.5	26.2	26.6
6H	25.0	25.6	25.4	26.0	26.4	25.0	25.6	25.5	26.0	26.5
8H	24.9	25.4	25.4	25.9	26.3	25.0	25.5	25.5	25.9	26.4
12H	24.9	25.3	25.4	25.8	26.2	25.0	25.4	25.4	25.8	26.3
12H 4H	25.0	25.7	25.4	26.1	26.5	25.1	25.7	25.5	26.1	26.5
6H	24.9	25.4	25.4	25.9	26.3	25.0	25.5	25.5	25.9	26.4
8H	24.9	25.3	25.4	25.8	26.2	25.0	25.4	25.4	25.8	26.3
Variations with the observer position at spacings (CIE Pub.117):										
S = 1.0H	+ 0.4 / - 0.6					+ 0.2 / - 0.4				
1.5H	+ 0.9 / - 1.7					+ 1.1 / - 1.7				
2.0H	+ 0.7 / - 0.9					+ 0.9 / - 1.0				

Product Dimensions (L X W X H)

145 X 141 X 197 mm (Tol.±5 mm)



Applications

Applications Residences, Offices, Small Retail Shops, Hotels, Coffee Shops, Restaurants, Hospitals, area lighting and for other indoor applications.