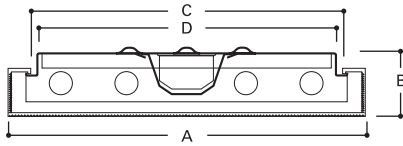


DIMENSIONS



LAMPS	A	B	C	D
2 Lamp	9-7/8" (251mm)	2-5/8" (67mm)	8-1/4" (210mm)	7-1/4" (184mm)
3/4 Lamp	15-3/8" (391mm)	2-5/8" (67mm)	13-3/4" (349mm)	12-3/4" (324mm)

DESCRIPTION

The WS Series is a specification wraparound luminaire featuring energy efficient performance. The luminaire's characteristic clean, low profile design is both appealing and practically functional. The WS Series utilizes a clear, low brightness, extruded acrylic refractor with injection molded end caps for high performance and good looks. The efficient and stylish WS Series is the perfect wraparound for commercial spaces, schools, dormitories, offices and retail areas.



WS SERIES

2', 4' or 8' Surface
2, 3 or 4 Lamps

SURFACE WRAPAROUND SPECIFICATION GRADE

ORDERING INFORMATION

SAMPLE NUMBER: WS-232A-120V-EB81-U

<p>Tandem Blank=4' Length 8T=8' Length</p>	<p>Starting Type LTS=Low Trigger Start (20 Watt only) (120V only) HTS=High Trigger Start (20 Watt only)</p>	<p>Options (See Options Section)</p>	<p>Packaging U=Unit Pack</p>
<p>WS=Series</p>	<p>Voltage⁽¹⁾ 120V=120 Volt 277V=277 Volt 347V=347 Volt UNV=Universal Voltage 120-277⁽²⁾</p>	<p>Ballast Type⁽¹⁾ Blank=Standard Magnetic Ballast (20W only) LE3=T12 Magnetic Energy Saving EB8 = T8 Electronic Instant Start. Total Harmonic Distortion < 10% No. of Ballast 1, 2 or 3 EB8 /PLUS= T8 Electronic Instant Start. High Ballast Factor >1.13. Total Harmonic Distortion < 20% No. of Ballast 1, 2 or 3 ER8 = T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10% No. of Ballast 1, 2 or 3 EB2 =T12 Electronic Rapid Start. No. of Ballast 1 or 2 (For complete details on generic or to specify manufacturer's ballast see pg. 469)</p>	
<p>Width Blank=Standard A=Wide Body for 2 Lamps</p>	<p>Options GL=Single Element Fuse GM=Double Element Fuse Emergency - for EM installed, see EM options table⁽⁶⁾</p>		
<p>Number of Lamps 2, 3 or 4 lamps (Not Included)</p>			
<p>Wattage (Length) 20=20W T12 (24") 17=17W T8 (24") 40=40W T12 (48") 32=32W T8 (48")</p>			
<p>Lens A=Acrylic Refractor/Lens</p>			

- Equipped with energy saving ballasts/complies with federal energy efficiency standards
- Low profile
- Low brightness/extruded acrylic refractor
- Injection molded end plates
- Baked white enamel finish
- Lift and shift refractor for ease of re-lamping
- Surface or stem mounting, single or continuous row^{(3) (4) (5)}
- Also available in tandem 8' lengths
- UL/CUL Listed. Suitable for damp locations.

NOTES: ⁽¹⁾Products also available in non-US voltages and frequencies for international markets. ⁽²⁾Not available when specifying emergencies, voltage must be specific. ⁽³⁾Stem mounting not available on 3-lamp fixtures. ⁽⁴⁾2 point suspension recommended for 2 and 4-lamp fixtures. ⁽⁵⁾Steel endplates with 7/8" KO standard for continuous row mounting. ⁽⁶⁾Non available for 2' version.

For complete product data, reference the Fluorescent Specification binder. Specifications & dimensions subject to change without notice. Consult your Cooper Lighting Representative for availability and ordering information.