



GIANT WAREHOUSE SHADE
DAMP / WET LOCATION
 CLASSIC SHAPES

PROJECT: _____

QUANTITY: _____ TYPE: _____



WS2414GV
 MB - Matte Black



WS2414GV
 CO - Copper Metallic



WS2414GV
 PT - Platinum Silver



WS2414GV
 AC - Anodic Champagne

SERIES	LUMENS ¹	CCT	DRIVER / DIMMING ²	ACCESSORIES ⁵	MOUNTING ⁷	INTERIOR ¹⁰	FINISH ¹⁰	WET KIT		
WS2414GV WS3617GV	15L 1500 Lm	80 CRI	EX Electronic Driver, 120V/277V 1%, 0-10V, 120V/277V DS2W1³ ELV/MLV, 120V DLTE1⁴ Lutron® 2-Wire Forward Phase (MLV), 120V DL3EX⁴ 1%, Lutron® EcoSystem®, Fades to Black, 120V/277V	ENCLOSURES		CEILING MOUNT		MWI¹¹ Matte White CCI Custom Color FCI Fixture Color Interior See Page 5 for Full Range of Color Options (83-90082)	MW¹¹ Matte White MB¹¹ Matte Black PT¹¹ Platinum Silver CC Custom Color See Page 5 for Full Range of Color Options (83-90082)	WLKA Wet Location Kit
	27L 2700 Lm 37L 3700 Lm 55L 5500 Lm	27K 2700K 30K 3000K 35K 3500K 40K 4000K		90 CRI 27HK 2700K 30HK 3000K 35HK 3500K 40HK 4000K	TF2² 4" Frosted Dome TG2 4" Dome Wire Guard MF2 4" Frosted Mini MG2 4" Short Wire Guard FJ2 4" Frosted Tall FG2 4" Tall Wire Guard	RDC5 Small Driver Canopy CP13 Large Driver Canopy HM⁸ Hang Straight AT⁸ Hang Straight All Thread PM⁸ Rigid Pendant Mount CD⁸ Cord / Cable Mount CM⁸ Cord Mount EMCR⁹ 10W Large Driver Canopy EM EMRM 7W Remote EM EMEN 7W Remote with Enclosure				

EXAMPLE: WS2414GV37L35KDO10XTF2/RDC5PM18MWIRD

NOTES:
 1 Nominal Source Lumens at 35K 2 Contact Factory for Additional Options 3 37L Max with RDC5, 55L Max with CP13 4 Available with CP13 Only
 5 Enclosure & Wire Guard Required - Choose One Option 6 Standard Enclosure 7 See Mounting Page for Details on Components and Finishes
 8 Specify Length in Inches: See Mounting Page for Available Lengths 9 EMCR Replaces RDC5 or CP13
 10 See Color Page for More Options/Consult Factory for Special Finishes 11 Standard Finishes





GIANT WAREHOUSE SHADE

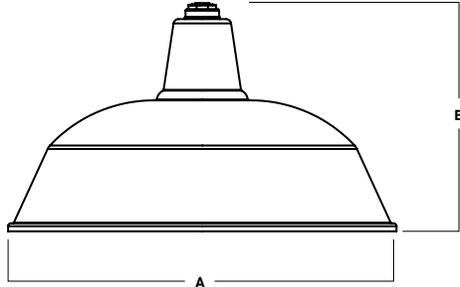
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CLASSIC SHAPES

LUMENS / WATTAGE DATA				
PART NUMBER	SOURCE LUMENS ¹	DELIVERED LUMENS ²	SYSTEM WATTS	LPW
WS2414GV15L	1500	1233	10	122
WS2414GV27L	2700	2146	18	119
WS2414GV37L	3700	3106	26	119
WS2414GV55L	5500	4567	39	117

¹ Nominal Source Lumens at 35K ² Nominal Delivered Lumens at 35K with TF2 and MWI

HOUSING DIMENSIONS



Dimensioned with **WS2414GV**

SERIES	A	B	WEIGHT
WS2414GV	24.1	14.1	10 lbs
WS3617GV	36.0	17.1	15 lbs

APPLICATION

The Giant Warehouse Shades are large diameter versions of one of our most popular RLM styles. Inspired by vintage lighting styling with modern light sources and materials. The wide range of options for illumination, mounting, enclosures, guards and finishes allows for creative luminaire specification.

ELECTRONICS

Proprietary solid-state light engine available in various color temperatures and lumen outputs. Color quality and consistency of 80 CRI [typical], 3 SDCM. Selection of electronic constant current dimming drivers available. Driver and light engine are field serviceable for future replacement or upgrades. For higher CRI and custom configurations, consult factory.

CONSTRUCTION

Shades are spun in our factory from 0.063 high purity aluminum. Passive aluminum heatsink optimized for emitter life and performance. Die-cast aluminum hex nut accepts variety of mounting types. Choice of diffused, evenly illuminated emitter enclosures eliminate direct source visibility and are free from emitter pixelation. Enclosure wire guards available.

FINISH

Multi-stage polyester powder-coat process applied on our dedicated paint lines. All exposed materials are chromate pretreated to resist corrosion. Standard and custom finishes are available. Interior is Matte White unless specified. Enclosure wire guards are chrome polish finished.

CODE COMPLIANCE

BAA compliant. ETL certified to meet US and Canadian standards. Suitable for dry or damp locations. Wet Location Option. Manufactured and tested to UL standards No. 1598/8750. 5 year limited warranty on all components. Proudly designed and manufactured in Massachusetts.

SERIES SIZES

WS2414GV



WS3617GV



ENCLOSURES

TF2
4" FROSTED DOME



MF2
4" FROSTED MINI



FJ2
4" FROSTED TALL



TG2
4" FROSTED DOME
WIRE GUARD - FITS TF2



MG2
4" FROSTED MINI
WIRE GUARD - FITS MF2



FG2
4" FROSTED TALL
WIRE GUARD - FITS FJ2



CEILING MOUNT

(SEE MOUNTING PAGES FOR MORE OPTIONS & CANOPY DIMENSIONS.)

HM / AT / PM

HANG STRAIGHT / ALL THREAD / PENDANT



WS2414GV SHOWN WITH RDC5PM

CD

CORD / CABLE MOUNT



WS2414GV SHOWN WITH RDC5CD

CM

CORD MOUNT



WS2414GV SHOWN WITH RDC5CM





GIANT WAREHOUSE SHADE

DAMP / WET LOCATION

CLASSIC SHAPES / PHOTOMETRIC DATA

WS2414GV 55L 35K TF2 MWI

CANDLEPOWER CURVE TEST SP-01 121	INTENSITY CANDELA 0° AZIMUTH	ZONAL LUMENS	SINGLE UNIT: PERFORMANCE INITIAL FOOTCANDLES BASED ON IES BEAM ANGLE				MULTIPLE UNITS: PERFORMANCE 80/50/20% REFLECTANCES INITIAL FOOTCANDLES AND WATTS PER SQUARE FOOT									
			Mounting Height AFF	FC at Center on Floor	Beam Diameter	FC at Beam Edge	Ceiling Height	Fixture Spacing	RCR 2		RCR 4					
	0.00°		0° - 10°	177	4%	6.0'	50 fc	18.0'	4 fc	14'	10'	47	0.43	24	0.28	
	0.00° 1,794		0° - 20°	665	15%	8.0'	28 fc	24.0'	2 fc	18'	12'	23	0.21	27	0.31	
	5.00° 1,788		0° - 30°	1,404	31%	10.0'	18 fc	30.0'	2 fc	22'	14'	20	0.18	16	0.18	
	10.00° 1,767		0° - 40°	2,303	50%	12.0'	12 fc	36.0'	1 fc	Delivered Illuminance Rating: (DIR)		109 FC per W/Sq. Ft.		86 FC per W/Sq. Ft.		
	15.00° 1,732		0° - 60°	4,082	89%	14.0'	9 fc	42.0'	1 fc	2' Suspension Length to luminous height midpoint Square rooms used for multiple units: RCR 2: Length & Width = Ceiling Ht. - 4.5' x 5.00 RCR 4: Length & Width = Ceiling Ht. - 4.5' x 2.50 + Average Footcandles at 2.5' Above Floor						
	20.00° 1,675		0° - 80°	4,549	100%	16.0'	7 fc	47.9'	1 fc							
	30.00° 1,526		0° - 90°	4,570	100%	20.0'	4 fc	59.9'	0 fc							
	40.00° 1,338		Total	4,570	100%	24.0'	3 fc	71.9'	0 fc							
	50.00° 1,107															
	60.00° 685															
	70.00° 153															
	80.00° 49															
90.00° 1																
Delivered Lumens: 4,570 Luminaire Watts: 39 LER: 117.18	CP at 0deg (Nadir): 1,794 CRI: 83+		Beam Angle: 112.56 Spacing Ratio: 1.26		Lumen Multiplier: 15L x 0.27, 27L x 0.47, 37L x 0.68 CCT Multiplier: 27K x 0.97, 30K x .99, 40K x 1.03											

WS3617GV 55L 35K TF2 MWI

CANDLEPOWER CURVE TEST SP-01 125	INTENSITY CANDELA 0° AZIMUTH	ZONAL LUMENS	SINGLE UNIT: PERFORMANCE INITIAL FOOTCANDLES BASED ON IES BEAM ANGLE				MULTIPLE UNITS: PERFORMANCE 80/50/20% REFLECTANCES INITIAL FOOTCANDLES AND WATTS PER SQUARE FOOT									
			Mounting Height AFF	FC at Center on Floor	Beam Diameter	FC at Beam Edge	Ceiling Height	Fixture Spacing	RCR 2		RCR 4					
	0.00°		0° - 10°	177	4%	6.0'	50 fc	18.1'	4 fc	14'	10'	47	0.43	24	0.28	
	0.00° 1,797		0° - 20°	660	15%	8.0'	28 fc	24.1'	2 fc	18'	12'	23	0.21	26	0.31	
	5.00° 1,795		0° - 30°	1,392	31%	10.0'	18 fc	30.1'	2 fc	22'	14'	20	0.18	16	0.18	
	10.00° 1,759		0° - 40°	2,286	50%	12.0'	12 fc	36.2'	1 fc	Delivered Illuminance Rating: (DIR)		108 FC per W/Sq. Ft.		86 FC per W/Sq. Ft.		
	15.00° 1,711		0° - 60°	4,062	90%	14.0'	9 fc	42.2'	1 fc	2' Suspension Length to luminous height midpoint Square rooms used for multiple units: RCR 2: Length & Width = Ceiling Ht. - 4.5' x 5.00 RCR 4: Length & Width = Ceiling Ht. - 4.5' x 2.50 + Average Footcandles at 2.5' Above Floor						
	20.00° 1,654		0° - 80°	4,518	100%	16.0'	7 fc	48.2'	1 fc							
	30.00° 1,514		0° - 90°	4,533	100%	20.0'	4 fc	60.3'	0 fc							
	40.00° 1,334		Total	4,533	100%	24.0'	3 fc	72.3'	0 fc							
	50.00° 1,093															
	60.00° 727															
	70.00° 127															
	80.00° 38															
90.00° 1																
Delivered Lumens: 4,533 Luminaire Watts: 39 LER: 116.23	CP at 0deg (Nadir): 1,797 CRI: 83+		Beam Angle: 112.85 Spacing Ratio: 1.25		Lumen Multiplier: 15L x 0.27, 27L x 0.47, 37L x 0.68 CCT Multiplier: 27K x 0.97, 30K x .99, 40K x 1.03											



MOUNTING & ACCESSORIES

SOME OPTIONS NOT AVAILABLE ON ALL FIXTURES, CONSULT SPECIFICATION SHEETS. SEE INDIVIDUAL SPECIFICATION SHEETS OR CONSULT FACTORY FOR ADDITIONAL INFORMATION. NOTE: THIS IS TYPICAL OF RLM SPECIFICATION FOR MOUNTING. INDIVIDUAL FIXTURES OR PROJECTS MAY HAVE SPECIALIZED REQUIREMENTS.



CEILING MOUNTING

<p>RDC5 - SMALL DRIVER CANOPY (STANDARD) MOUNTS TO 4" OCTO J-BOX</p> <p>CP13 - LARGE DRIVER CANOPY</p>	<p>HM* HANG STRAIGHT 45° SWIVEL 5/8" OD STEM - 3/8" IP</p> <p>ORDER: HM (Length) SPECIFY LENGTH: HM3 - 3" HM24 - 24" HM6 - 6" HM36 - 36" HM12 - 12" HM48 - 48" HM18 - 18" HM72 - 72" HMLC(XX) Custom Length (Specify in Inches)</p>	<p>PM* RIGID PENDANT MOUNT RIGID 5/8" OD STEM - 3/8" IP</p> <p>ORDER: PM (Length) SPECIFY LENGTH: PM3 - 3" PM24 - 24" PM6 - 6" PM36 - 36" PM12 - 12" PM48 - 48" PM18 - 18" PM72 - 72" PMLC(XX) Custom Length (Specify in Inches)</p>	<p>AT** HANG STRAIGHT ALL THREAD 45° SWIVEL 5/8" OD STEM - 1/4" IP</p> <p>ORDER: AT (Length) SPECIFY LENGTH: AT12 - 12" AT24 - 24" AT36 - 36" AT48 - 48" AT60 - 60" AT72 - 72"</p> <p>FIELD CUT THREADED PIPE TO LENGTH NEEDED. CUT PIPE TO LENGTH. SUPPLY COVER OVER THREADED PIPE.</p>	<p>CD CORD / CABLE MOUNT SJ CORD WITH 1/16 SS CABLE</p> <p>ORDER: CD (Length) SPECIFY LENGTH: CD36 - 36" CD72 - 72" CD144 - 144" CDLC(XX) Custom Length (Specify in Inches)</p>	<p>CM CORD MOUNT SJ CORD WITH STRAIN RELIEF</p> <p>ORDER: CM (Length) SPECIFY LENGTH: CM36 - 36" CM72 - 72" CM144 - 144" CMLC(XX) Custom Length (Specify in Inches)</p>
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*MAXIMUM ONE PIECE STEM LENGTH IS 72". **MAXIMUM ONE PIECE STEM LENGTH IS 36". LONGER LENGTHS ARE POSSIBLE USING MULTIPLE STEMS AND COUPLERS.

**ORDER IN 12" INCREMENTS, ODD SIZES MAY BE FIELD CUT

EMERGENCY BATTERY OPTIONS

EMCR - LARGE DRIVER CANOPY FOR 10W EMERGENCY BATTERY (FOR ROUND CEILING MOUNT TYPES)

REMOTE EMERGENCY BATTERY OPTIONS

<p>EMRM* - 7W REMOTE EMERGENCY BATTERY (50' MAX)</p> <table border="1"> <thead> <tr> <th>A</th> <th>B</th> <th>C</th> </tr> </thead> <tbody> <tr> <td>1.3</td> <td>12.6</td> <td>13.0</td> </tr> </tbody> </table>	A	B	C	1.3	12.6	13.0	<p>EMEN* - 7W REMOTE EMERGENCY BATTERY WITH ENCLOSURE (50' MAX)</p> <table border="1"> <thead> <tr> <th>A</th> <th>B</th> <th>C</th> </tr> </thead> <tbody> <tr> <td>2.0</td> <td>17.0</td> <td>6.2</td> </tr> </tbody> </table>	A	B	C	2.0	17.0	6.2
A	B	C											
1.3	12.6	13.0											
A	B	C											
2.0	17.0	6.2											

*OTHER EM BATTERY SIZES AVAILABLE, CONTACT FACTORY.



COLOR OPTIONS - POWDER COAT PAINT FINISHES

NOTE: NO PRINTED IMAGE CAN EQUAL THE EXACT COLOR OF FINISH ON METAL.
SEE INDIVIDUAL SPECIFICATION SHEETS OR CONSULT FACTORY FOR ADDITIONAL INFORMATION.



STANDARD CORD / STEM / CANOPY FINISHES

FIXTURE COLOR	STANDARD CORD COLOR	STANDARD CANOPY / STEM COLOR
Matte White, Textured White	Matte White	Matte White
Gloss White	Matte White	Gloss White
Matte Black, Gloss Black, Textured Black	Matte Black	Matte Black
All Others	Matte Black	Same Color as Fixture
Custom Color	Contact Factory	Contact Factory

PAINT TIMES

TIER	COST	AVERAGE PAINT TIME*
Tier 1 - Standard Finishes	\$	⓪
Tier 2 - Typical Finishes	\$\$	⓪⓪
Tier 3 - Special Metal Finishes	\$\$\$	⓪⓪⓪
Custom Color	Contact Factory	Contact Factory

*CONTACT FACTORY FOR SPECIFIC PRODUCT LEAD TIMES

TIER 1 - STANDARD FINISHES



TIER 2 - TYPICAL FINISHES



TIER 3 - SPECIAL METAL FINISHES

NOT AVAILABLE ON ALL FIXTURES. PLEASE CONSULT SPECIFICATION SHEETS OR FACTORY FOR AVAILABILITY.



CUSTOM COLOR FINISHES

CONTACT FACTORY

CC
Custom Color



*UNAVAILABLE FOR WET LOCATION

** UNAVAILABLE FOR INTERIOR

