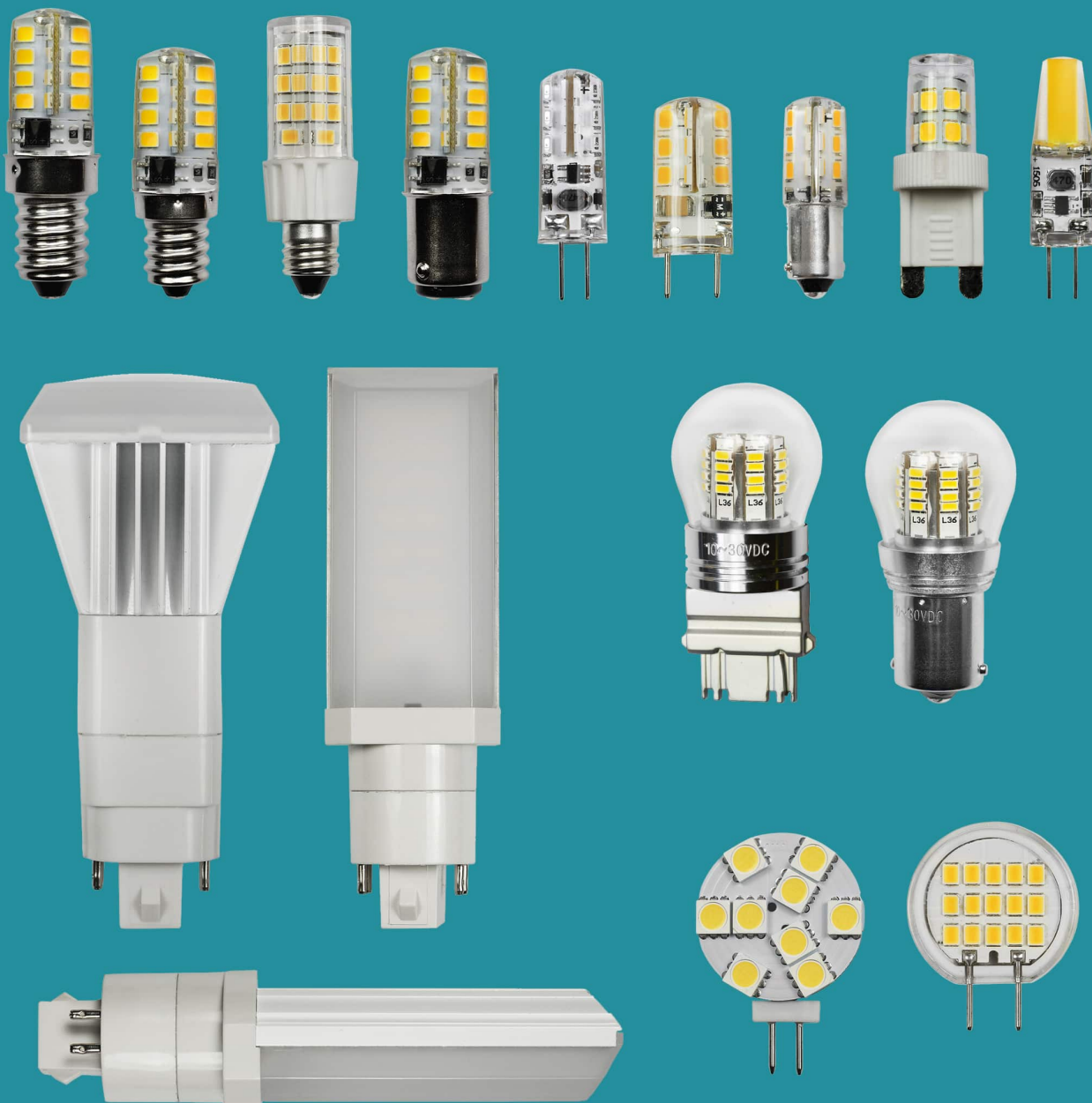




NORMAN LAMPS, INC.

LED BULBS & RETROFIT LIGHTING

LED PIN BASE | LED SCREW BASE | LED BAYONET BASE | COMPACT LEDs
LED WALL PACKS | LED FLOOD LIGHTS | LED CANOPY | HIGH BAY RETROFIT



NORMANLAMPS.COM | TOLL FREE: 800-992-8020

LED Lighting ● Direct LED Retrofit ● Commercial Grade

Since 1985, **Norman Lamps, Inc.** has been a valuable supplier of quality lamp products to electrical supply companies, distributors, and OEM's across the North American marketplace and indeed the world. Over the past 30+ years **NLI** has grown into one of the world's premier suppliers of incandescent, halogen, fluorescent, neon, HID, and miniature LED bulbs.

Norman Lamps, Inc. along with today's lighting industry is now firmly focused on bringing affordable LED solutions and cost effective retrofitting into incandescent, fluorescent, halogen, and HID products of all kinds. **NLI's** relentless focus on expanding and stocking new, leading edge LED products have again positioned us in the important role as the premier stocking supplier in America.

Our LED lamp, *in stock and ready to ship inventory* is the largest and broadest you will find anywhere. This *in stock and ready to ship* LED lamp inventory enables us to ship your orders same day and complete, thus avoiding potentially costly back orders and additional shipping costs from multiple vendor purchasing.

Our sales and purchasing offices as well as primary distribution facility are located 25 miles west of Chicago, Illinois in the heartland of the United States. We invite you to contact us to arrange a tour of our products and facility. Come experience our company first hand and meet the inside people who can make **Norman Lamps, Inc.** your most profitable source for lighting.

Norman Lamps, Inc.

1775 Wallace Ave. ● P.O. Box 3550
Saint Charles, Illinois 60174 U.S.A.



USA: 1-800-992-8020 ● FAX: 1-866-482-3916 ● WEB: normanlamps.com

Contacts: dan@normanlamps.com michael@normanlamps.com

Contact us for the LED lamps you need shipped out today!

Contents Directory

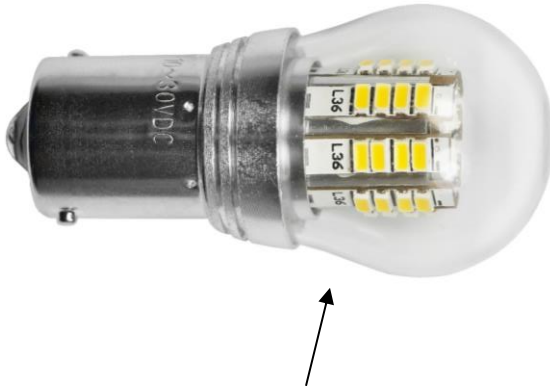
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Norman Lamps, Inc. - Product Data

LED-1156-WW

LED Bulb, 10V~30VDC



Sealed Glass Enclosure

- Sealed **S8** Glass Envelope
- Universal Voltage 10V~30VDC
- BA15S Single Contact Bayonet Base
- 360° Viewing
- High Lumen Output
- Indoor / Outdoor Use
- Ideal for Landscape Applications
- Automotive Applications
- 3,000k Warm White Light

Specifications:

Model:	LED-1156-WW
Wattage:	2 Watts
Input Voltage:	10V ~ 30VDC
Color Temp:	3,000k (Warm White)
Lumens:	210 Lumens @ 12VDC
Viewing Angle:	360 Degree (Omnidirectional)
Efficacy	>100lm/W
Life Hours:	25,000 Hours
Dimensions:	1.0" Diameter x 2.0" Length
Replaces:	# 1156 Incandescent Bulbs and Many Others.

Features:

- Direct Replacement for # 1156 incandescent bulb
- High Lumen Output
- Available in 3,000k Warm White
- 90% Energy Savings
- Not for use with dimmers
- Long Service Life
- Perfect for landscape lighting and automotive use.
- Omnidirectional light output
- Suitable for damp locations
- 1 Year Limited Warranty

Certifications:



Damp Location Certified 

Ordering:

Part Number	Input Voltage	Color Temp.
LED-1156	UV	WW
	10V~30VDC	WW (3,000k)

Norman Lamps, Inc.



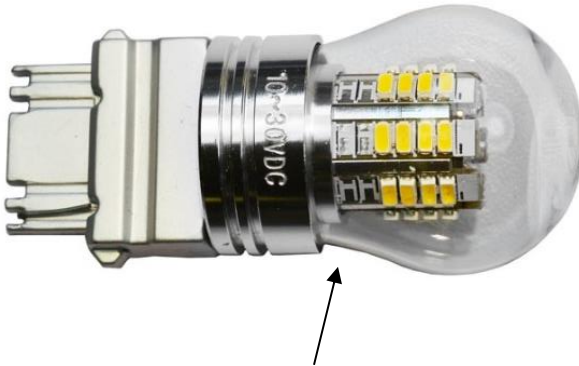
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Norman Lamps, Inc. - Product Data

LED-3156-WW

LED Bulb, 10V~30VDC



Sealed Glass Enclosure

- Sealed **S8** Glass Envelope
- Universal Voltage 10V~30VDC
- S.F. Wedge Base
- 360° Viewing
- High Lumen Output
- Indoor / Outdoor Use
- Ideal for Landscape Applications
- Automotive Applications
- 3,000k Warm White Light

Specifications:

Model:	LED-3156-WW
Wattage:	2 Watts
Input Voltage:	10V ~ 30VDC
Color Temp:	3,000k (Warm White)
Lumens:	210 Lumens @ 12VDC
Viewing Angle:	360 Degree (Omnidirectional)
Efficacy	>100lm/W
Life Hours:	25,000 Hours
Dimensions:	1.0" Diameter x 2.2" Length
Replaces:	# 3156 Incandescent Bulb for many applications

Features:

- Direct Replacement for # 3156 incandescent bulb
- High Lumen Output
- Available in 3,000k Warm White (Contact NLI for pricing on Red & Green)
- 90% Energy Savings
- Not for use with dimmers
- Long Service Life
- Perfect for landscape lighting and automotive use.
- Omnidirectional light output
- Suitable for damp locations
- 1 Year Limited Warranty

Certifications:



Damp Location Certified 

Ordering:

Part Number	Input Voltage	Color Temp.
LED-3156	UV	WW
	10V~30VDC	WW (3,000k)

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Norman Lamps, Inc. - Product Data

LED-6142-5K

LED High Bay Retrofit



14,000 Lumens @ 140 Watts
22,000 Lumens @ 220 Watts



Specifications:

Model:	LED-6142-5K	(Mogul Screw Base)
Wattage:	140 Watts; 220 Watts	
Input Voltage:	120VAC Input or 277VAC Input	(Ballast Bypass)
Color Temp:	5,000k (Bright White)	
Lumens:	14,000Lm @ 140W • 22,000Lm @ 220W	
Viewing Angle:	120 Degree Beam	
Efficacy:	100lm/W	
Life Hours:	50,000 Hours	
Dimensions:	11.8" Long • 10.6" Wide (140w) • 13.8" Wide (220w)	
Replaces:	400W~600W HID Bulbs	

Certifications:



Damp Location Certified 



Features:

- Direct Replacement for HID Bulbs in High Bay Fixtures and More
- Very High Lumen Output with Excellent Light Distribution
- Available in 5,000k (Bright White)
- 80% Energy Savings
- Heavy Duty Construction
- Very Long Service Life and Cost Effective
- Perfect for Warehouse & Retail Lighting with Easy Installation
- Non-Yellowing, Shatter Resistant Lens
- Direct Voltage of 120VAC or 277VAC. Bypass the Ballast & Direct Wire
- 5 Year Limited Warranty

Ordering:

LED-6142-5K

Ordering Code

LED-6142

Specify Voltage

120VAC or 277VAC

5K

Bright White

DLC # CH6142140W50KD

DLC # CH6142220W50KD

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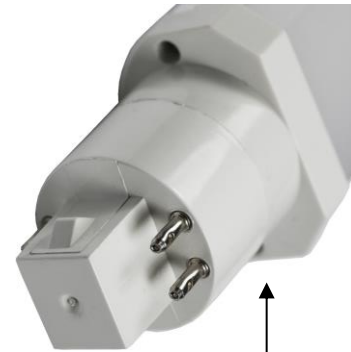
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Norman Lamps, Inc. - Product Data

LED-PLG24Q-HL

Compact LED Lamp
(CLED)



180° Direction Adjustable



Horizontal Mount 4-Pin LED, G24q & G24x, "Plug & Play" Lamp

Specifications:

Model:	LED-PLG24Q-HL (Horizontal Position Plug-In)	
Wattage:	9W	
Input Voltage:	Ballast Compatible for "Plug & Play" Installation	
Color Temp:	2,700k, 3,000k, 3,500k, 4,000k, 5,000k	
Lumens:	>1,000Lm @ 9 Watts	
Viewing Angle:	120 Degree Beam	
Efficacy:	>110lm/W	C.R.I. >83
Life Hours:	>40,000 Hours	
Dimensions:	5.5" Length • 3.25" x 1.65" Lamp Lens	
Replaces:	13W, 18W, & 26W CFL's with 4 Pin Base	

Certifications:



Damp Location Certified



Features:

- Direct Replacement for CFL's with G24q & GX24q Base Types (4-Pin)
- Very High Lumen Output with Excellent Light Distribution
- Available in 2,700k, 3,000k, 3,500k, 4,000k, 5,000k
- 80% Energy Savings
- Heavy Duty Construction with minimal heat build up
- Very Long Service Life for Cost Effective Solutions
- Perfect for Commercial, Retail and Residential Lighting applications
- Non-Yellowing, Shatter Resistant Lens, Diffused
- "Plug & Play" Simple Installation. Use with existing ballast.
- 5 Year Limited Warranty



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Ordering:

LED-PLG24Q-HL

Ordering Code

LED-PLG24Q-HL

Color Temp

XXK

27K (2,700k)

3K (3,000k)

35K (3,500k)

4K (4,000k)

5K (5,000k)

DLC # CH116009W1000LBCH



Norman Lamps, Inc. - Product Data

LED-PLG24Q-VL

Compact LED Lamp
(CLED)



Vertical Mount 4-Pin LED, G24q & G24x, "Plug & Play" Lamp

Specifications:

Model:	LED-PLG24Q-VL (Vertical Position Plug-In)	
Wattage:	9W	
Input Voltage:	Ballast Compatible for "Plug & Play" Installation	
Color Temp:	2,700k, 3,000k, 3,500k, 4,000k, 5,000k	
Lumens:	>1,000Lm @ 9 Watts	
Viewing Angle:	120 Degree Beam	
Efficacy:	>110lm/W	C.R.I. >83
Life Hours:	>40,000 Hours	
Dimensions:	4.75" Length • 2.2" x 1.75" Lamp Lens	
Replaces:	13W, 18W, & 26W CFL's with 4 Pin Base	

Certifications:



Damp Location Certified 



Features:

- Direct Replacement for CFL's with G24q & GX24q Base Types (4-Pin)
- Very High Lumen Output with Excellent Light Distribution
- Available in 2,700k, 3,000k, 3,500k, 4,000k, 5,000k
- 80% Energy Savings
- Heavy Duty Construction with minimal heat build up
- Very Long Service Life for Cost Effective Solutions
- Perfect for Commercial, Retail and Residential Lighting applications
- Non-Yellowing, Shatter Resistant Lens, Diffused
- "Plug & Play" Simple Installation. Use with existing ballast.
- 5 Year Limited Warranty

Ordering:

LED-PLG24Q-VL

Ordering Code

LED-PLG24Q-VL

Color Temp

XXK

27K (2,700k)

3K (3,000k)

35K (3,500k)

4K (4,000k)

5K (5,000k)

DLC # CH116009W1000LBCV

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Norman Lamps, Inc. - Product Data

LED-E11-5W

LED 120v Bulb



- *High Output LED Lamp*
- *>450 Lumens*
- *50w Halogen Equivalent*
- *E11 "Mini-Can" Screw Base*
- *3,000k & 4,000k Color Temperature*
- *45 Encapsulated Diodes*
- *50,000 Life Hours*

Replaces halogen lamps up to 50 watts using the E11 screw base

Specifications:

Model:	LED-E11-5W	"Mini-Can" screw base
Wattage:	5 Watts	
Input Voltage:	120v	AC/DC
Color Temp:	3,000k (Warm White) & 4,000k (Cool White)	
Lumens:	>450 Lumens	
Viewing Angle:	360 Degree Light Output	
Efficacy	90lm/W	
Life Hours:	50,000 Hours	
Dimensions:	0.70" Diameter x 2.05" Length	
Replaces:	Halogen Lamps using E11 screw base	

Certifications:



Damp Location Certified 

Features:

- Direct Replacement for Halogen E11 lamps up to 50 watts
- Powerful & Sustained Lumen Output.
- E11 Special, "Mini-Can" screw base
- 80% Energy Savings vs Halogen Lamps
- C.R.I. >83
- Very Long Service Life
- U.S. Made internal components
- Cool Operation as compared to Very Hot Halogen Lamps
- Simple Retrofit: Plug & Play operation for Direct Replacement
- 1 Year Limited Warranty

Ordering:

		Color Temp.
LED-E11-5W	-	XX
E11 = "Mini-Can" Base		Options:
		3k (3,000k)
		4k (4,000k)

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G-4 Base (4mm Pin Spacing)



Top & Side View

Specifications:

Model:	LED-G4 (Standard Lumen Output)
Wattage:	1.5 Watts
Input Voltage:	12VDC (125mA)
Color Temp:	3,000k (Warm White) & 4,000k (Cool White)
Lumens:	140 Lumens @ 1.5w Power Consumption
Viewing Angle:	300 Degree
Efficacy	>90lm/W
Life Hours:	50,000 Hours
Dimensions:	.43" Diameter x 1.23" Length
Replaces:	10W ~ 20W Halogen Bi-Pin Bulbs

Certifications:



Features:

- Direct Replacement of Halogen 2-Pin Bulbs (G4)
- Strong Lumen Output
- Quad Chip Array of LED's (4 Powerful Internal LED's)
- 85% Energy Savings
- Not for use with dimmers
- Very Long Service Life
- Precision Optics for strong light distribution
- Stainless Steel Pins
- Very Low Heat Output
- 1 Year Limited Warranty

Ordering:

12v

Voltage		Color Temp.
LED-G4	-	12V
	-	XX

Options:

3K (3000k)

4K (4000k)

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Norman Lamps, Inc. - Product Data

LED-G4-COB

12v, LED Lamp



G-4 Pin Base



Top & Side View

Specifications:

Model:	LED-G4-COB (Silicone Encased Body)
Wattage:	2 Watts
Input Voltage:	12V AC/DC
Color Temp:	3,000k (Warm White) & 4,200k (Cool White)
Lumens:	180 Lumens @ 2w Power Consumption
Viewing Angle:	360 Degree
Efficacy	>90lm/W
Life Hours:	50,000 Hours
Dimensions:	0.38" Max. Body Diameter x 1.28" Max. Length
Replaces:	20W Halogen Bi-Pin Bulbs

Certifications:



Wet Location Rated 

Features:

- Direct Replacement of Halogen G4, 2-Pin Bulbs
- High Lumen Output
- COB Silicone Encased LED's
- 80% Energy Savings
- Not for use with dimmers
- Very Long Service Life
- Compact size vs other G4, 2-Pin LED's
- Stainless Steel Pins
- Very Low Heat Output
- 1 Year Limited Warranty

Ordering:

12v

	Voltage	Suffix
LED-G4COB	12V	XX

Options:

3K (3000k)

42K (4200k)

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Norman Lamps, Inc. - Product Data

LED-G4-COLORS

12V LED Lamp



H.E. Red



H.E. Green

G-4 Base (4mm Pin Spacing); Silicone Encased Diodes

Specifications:

Model:	LED-G4-COLORS (H.E. Red, H.E. Green)
Wattage:	1.5 Watts
Input Voltage:	12V AC/DC
Colors:	Red, Green H.E. (High Efficiency Colors)
Lumens:	140 Lumens @ 1.5w Power Consumption
Viewing Angle:	360 Degree
Efficacy	>90lm/W
Life Hours:	50,000 Hours
Dimensions:	0.38" Diameter x 1.45" Max. Length
Replaces:	10W~20W Halogen G4 Bi-Pin Bulbs

Certifications:



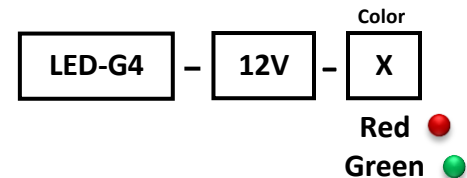
Wet Location Rated 

Features:

- Direct Replacement of Halogen G4, 2-Pin Bulbs
- Vivid Colors of Red & Green
- 24 Silicone Encased LED's
- 80% Energy Savings
- Not for use with dimmers
- Very Long Service Life
- Perfect for Decorative Applications and Outdoor Rated
- Stainless Steel Pins
- Very Low Heat Output
- 1 Year Limited Warranty

Ordering:

12v (AC/DC)



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Norman Lamps, Inc. - Product Data

LED-G4-HL

12v, High Lumen



G-4 Base



Top & Side View

Specifications:

Model:	LED-G4-HL
Wattage:	3 Watts
Input Voltage:	12VAC (250mA)
Color Temp:	3,000k (Warm White) & 4,000k (Cool White)
Lumens:	225 Lumens @ 3w Power Consumption
Viewing Angle:	360 Degree
Efficacy	>80lm/W
Life Hours:	50,000 Hours
Dimensions:	.59" Diameter x 1.5" Length
Replaces:	20W ~ 35W Halogen Bi-Pin Bulbs

Certifications:



Damp Location Rated 

Features:

- Direct Replacement of Halogen 2-Pin Bulbs
- High Lumen Output
- 13 Diode Array of SMD2835 LED's
- 80% Energy Savings
- Not for use with dimmers
- Very Long Service Life
- Ceramic Base with Protective Cover
- Stainless Steel Pins
- Very Low Heat Output
- 1 Year Limited Warranty

Ordering:

12v

	Voltage	Suffix
LED-G4	12V	3W-X

Options:

3k (3000k)

4k (4000k)

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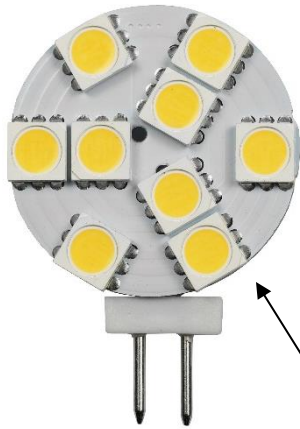
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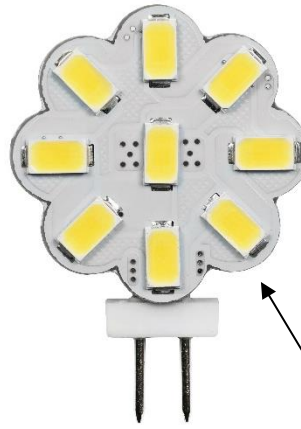
Norman Lamps, Inc. - Product Data

LED-G4-WAFER

12V LED Lamp



150lm @ 1.5w



200lm @ 2w

G-4 Base (4mm Pin spacing), Wafer Design, 12V (AC/DC) Voltage Input

Specifications:

Model:	LED-G4WAF (Wafer Board Configuration)
Wattage:	1.5 Watts & 2 Watts
Input Voltage:	12V AC/DC
Color Temp:	3,000k (Warm White) & 4,000k (Cool White)
Lumens:	150lm @ 1.5w & 200lm @ 2w Power Consumption
Viewing Angle:	160 Degree
Efficacy	100lm/W
Life Hours:	50,000 Hours
Dimensions:	1.0" Diameter x 1.48" Max. Length
Replaces:	10W~25W Halogen G4 Bi-Pin Bulbs

Certifications:



Features:

- Direct Replacement of Halogen G4, 2-Pin Bulbs
- High Lumen Output
- 9 High Output LED Array Provides optimal light distribution
- 80% Energy Savings
- Not for use with dimmers
- Very Long Service Life
- Compact size designed to fit under cabinet lighting & Reading Lamps
- Stainless Steel Pins with Ceramic Bridge Base Support
- Very Low Heat Output
- 1 Year Limited Warranty

Ordering:

12v AC/DC

	Wattage	Color Temp
LED-G4WAF	XX	XK
	1W*	3K (3,000k)
	2W	4K (4,000k)

* Actual wattage is 1.5w

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Norman Lamps, Inc. - Product Data

LED-G8-SHORT

120V LED Lamp



G-8 Base



Top & Side View

Specifications:

Model:	LED-G8-SHORT (Short Length 1.3" Max)
Wattage:	2 Watts
Input Voltage:	120VAC (18mA)
Color Temp:	3,000k (Warm White)
Lumens:	>320 Lumens @ 2w Power Consumption
Viewing Angle:	360 Degree
Efficacy	160lm/W
Life Hours:	50,000 Hours
Dimensions:	0.50" Diameter x 1.30" Max. Length
Replaces:	20W~25W Halogen G8 Bi-Pin Bulbs

Certifications:



Wet Location Rated 

Features:

- Direct Replacement of Halogen G8, 2-Pin Bulbs
- High Lumen Output
- 32 Silicone Encased LED's
- 80% Energy Savings
- Not for use with dimmers
- Very Long Service Life
- Compact size designed to fit under cabinet lighting
- Stainless Steel Pins
- Very Low Heat Output
- 1 Year Limited Warranty

Ordering:

120v



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Norman Lamps, Inc. - Product Data

LED-G8-WAFER

120V LED Lamp



G-8 Base (8mm Pin spacing), Wafer Design, 120VAC Input Voltage

Specifications:

Model:	LED-G8WAF (Wafer Board Configuration)
Wattage:	3 Watts
Input Voltage:	120VAC
Color Temp:	3,000k (Warm White)
Lumens:	>250 Lumens @ 2w Power Consumption
Viewing Angle:	160 Degree
Efficacy	80lm/W
Life Hours:	50,000 Hours
Dimensions:	1.0" Diameter x 1.50" Max. Length
Replaces:	20W~25W Halogen G8 Bi-Pin Bulbs

Certifications:



Features:

- Direct Replacement of Halogen G8, 2-Pin Bulbs
- High Lumen Output
- 15 High Output LED Array Provides optimal light distribution
- 80% Energy Savings
- Not for use with dimmers
- Very Long Service Life
- Compact size designed to fit under cabinet lighting & Reading Lamps
- Stainless Steel Pins with Ceramic Bridge
- Very Low Heat Output
- 1 Year Limited Warranty

Ordering:

120v

LED-G8WAF

-

3W

-

3K

Norman Lamps, Inc.



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Norman Lamps, Inc. - Product Data

LED-G9

120v, Standard Lumen



Specifications:

Model:	LED-G9	(Standard Lumen)
Wattage:	3 Watts	
Input Voltage:	120VAC	
Color Temp:	3,000k (Warm White) & 4,000k (Cool White)	
Lumens:	>250 Lumens @ 3w Power Consumption	
Viewing Angle:	360 Degree	
Efficacy	>80lm/W	
Life Hours:	50,000 Hours	
Dimensions:	.62" Diameter x 1.57" Length	
Replaces:	20W ~ 25W Halogen G9 Pin Blade Bulbs	

Features:

- Direct Replacement of 20w~25w Halogen G9 Base Bulbs
- Standard Lumen Output
- 19 Diode Array of SMD5050 LED's
- 80% Energy Savings
- Not for use with dimmers
- Very Long Service Life
- Ceramic Base with Protective Cover
- Stainless Steel Pin Blades
- Very Low Heat Output
- 1 Year Limited Warranty



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Certifications:



Damp Location Rated 

Ordering:

		Color Temp
LED-G9	-	XX
		3K (3000k)
		4K (4000k)



Norman Lamps, Inc. - Product Data

LED-G9-DIM-HL

120v, High Lumen



Top & Side View

Specifications:

Model:	LED-G9-DIM-HL	(Dimmable High Lumen)
Wattage:	4 Watts	
Input Voltage:	120VAC	
Color Temp:	3,000k (Warm White) & 4,000k (Cool White)	
Lumens:	400 Lumens @ 4w Power Consumption	
Viewing Angle:	360 Degree	
Efficacy	100lm/W	
Life Hours:	50,000 Hours	
Dimensions:	.63" Diameter x 1.97" Length	
Replaces:	25W ~ 40W Halogen G9 Pin Bulbs	

Features:

- Direct Replacement of Halogen G9 Base Bulbs
- Very High Lumen Output
- 39 Diode Array of SMD2835 LED's
- 80% Energy Savings
- Dimmable
- Very Long Service Life
- Ceramic Base with Protective Cover
- Stainless Steel Pin Blades
- Very Low Heat Output
- 1 Year Limited Warranty



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Certifications:



Damp Located Rated 

Ordering:

120v

	Voltage	Suffix
LED-G9-DIM	120V	XX-XX



Options:

4W-3K (3000k)

4W-4K (4000k)



Norman Lamps, Inc. - Product Data

LED-G9-HL

120v, High Lumen



Top & Side View

Specifications:

Model:	LED-G9-HL
Wattage:	4 Watts
Input Voltage:	120VAC (18mA)
Color Temp:	3,000k (Warm White) & 4,000k (Cool White)
Lumens:	>380 Lumens @ 4w Power Consumption
Viewing Angle:	360 Degree
Efficacy	>100lm/W
Life Hours:	>50,000 Hours
Dimensions:	.63" Diameter x 1.97" Length
Replaces:	25W ~ 40W Halogen G9 Pin Blade Bulbs

Features:

- Direct Replacement of 25W~40w Halogen G9 Base Bulbs
- Very High Lumen Output
- 51 Diode Array of SMD2835 LED's
- 80% Energy Savings
- Not for use with dimmers
- Very Long Service Life
- Ceramic Base with Protective Cover
- Stainless Steel Pin Blades
- Very Low Heat Output
- 1 Year Limited Warranty

Certifications:



Damp Location Rated 

Ordering:

	Voltage	Suffix
LED-G9	120V	XX-XX

Options:

4W-3K (3000k)

4W-4K (4000k)

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G-6.35 Base (6.35mm Pin Spacing)



Side Close-Up View

Specifications:

Model:	LED-G6.35-2W (Standard Lumen Output)
Wattage:	2 Watts
Input Voltage:	12VDC
Color Temp:	2,700k (Warm White) & 4,200k (Cool White)
Lumens:	140 Lumens @ 2w Power Consumption
Viewing Angle:	300 Degree
Efficacy	>70lm/W
Life Hours:	50,000 Hours
Dimensions:	.60" Diameter x 1.5" Length
Replaces:	10W ~ 25W Halogen Bi-Pin Bulbs

Certifications:



Damp Location Rated 

Features:

- Direct Replacement of Halogen 2-Pin Bulbs (GY6.35)
- Strong Lumen Output
- Quad Chip Array of LED's
- 85% Energy Savings
- Not for use with dimmers
- Very Long Service Life
- Precision Optics for strong light distribution
- Stainless Steel Pins
- Very Low Heat Output
- 1 Year Limited Warranty

Ordering:

12v

	Wattage	Color Temp.
LED-G6.35	2W	XX

Options:

27K (2700k)

42K (4200k)

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Norman Lamps, Inc. - Product Data

LED-G6.35-HL

LED Lamp, High Lumen



12VDC



120VAC

Specifications:

Model:	LED-G6.35-HL
Wattage:	4 Watts
Input Voltage:	12VAC & 120VAC
Color Temp:	3,000k (Warm White), & 4,000k (Cool White)
Lumens:	370 Lumens @ 4w Power Consumption
Viewing Angle:	360 Degree
Efficacy	>90lm/W
Life Hours:	50,000 Hours
Dimensions:	.63" Diameter x 1.70" Length
Replaces:	35W ~ 40W Halogen Bi-Pin Bulbs

Features:

- Direct Replacement of Halogen 2-Pin Bulbs
- Very High Lumen Output
- 43 Diode Array of SMD2835 LED's
- 80% Energy Savings
- Not for use with dimmers
- Very Long Service Life
- Ceramic Base with Protective Cover
- Stainless Steel Pins
- Very Low Heat Output
- 1 Year Limited Warranty

Certifications:



Ordering:

	Voltage	Color Temp.
LED-G6	XX	4WXX
	12V	30K (3,000k)
	120V	40K (4,000k)

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Norman Lamps, Inc. - Product Data

LED-8GH10-30V

LED 10v~30v Bulb



- *High Output LED Lamp*
- *>120 Lumens*
- *15w~20w Halogen Equivalent*
- *12v & 28v Applications*
- *BA9S Miniature Bayonet Base*
- *3,000k Color Temperature*
- *24 Silicone Encased Diodes*
- *40,000 Life Hours*

Replaces Incandescent & Halogen Miniature Bayonet Base Lamps

Specifications:

Model:	LED-8GH10-30V
Wattage:	1.5 Watts
Input Voltage:	10vdc~30vdc
Color Temp:	3,000k (Warm White)
Lumens:	>120 Lumens
Viewing Angle:	360 Degree Light Output
Efficacy	80lm/W
Life Hours:	40,000 Hours
Dimensions:	0.39" Diameter x 1.24" Length
Replaces:	Miniature Lamps with BA9S Base

Features:

- Direct Replacement for Halogen Aircraft Reading Lamps & More
- Powerful & Sustained Lumen Output.
- BA9S Miniature Bayonet Base
- 80% Energy Savings vs Halogen Lamps
- C.R.I. >82
- Very Long Service Life
- 40,000 Life Hours
- Cool Operation as compared to Very Hot Halogen Lamps
- Simple Retrofit: Plug & Play operation for Direct Replacement
- 1 Year Limited Warranty

Certifications:



Damp Location Certified 

Ordering:

LED-8GH10-30V

Color Temp.

3K

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Norman Lamps, Inc. - Product Data

LED-SB

Silicone Encased LED Bulbs

- 120VAC
- 3,000k & 4,000k Color Temp.
- High Output LED Bulbs
- Replaces Halogen & Incandescent
- Many Applications
- Low Power Consumption
- Low Heat



E-12



E-17



DC

Specifications:

Model:	LED-SB (Silicone Encased Diodes)
Wattage:	3 Watts
Input Voltage:	120VAC
Color Temp:	3,000k (Warm White) & 4,000k (Cool White)
Lumens:	220 Lumens @ 3w Power Consumption
Viewing Angle:	360 Degree
Efficacy	>70lm/W
Life Hours:	50,000 Hours
Dimensions:	.70" Diameter x 1.80" Length
Replaces:	25W ~ 40W Bulbs

Certifications:



Damp Location Certified 

Features:

- Direct replacement of incandescent & halogen bulbs
- Very High Light Output
- 32 Diode Array
- Silicone encased diodes
- >80% Energy Savings
- Not for use with dimmers
- Very Long Service Life
- Indoor / Outdoor rated
- Very Low Heat Output
- 1 Year Limited Warranty

Ordering:

120v

		Color Temp.	Base / Voltage
LED-SB	-	XX	- XX-120V
		3K	E12
		4K	E17
			DC

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DC

12VDC~24VDC, 3K Color Temp.



E-14

120VAC, 3K Color Temp.

Specifications:

Model:	LED-SB (Silicone Encased Diodes)	
Wattage:	3 Watts	
Input Voltage:	120VAC (E-14)	12VDC~24VDC (DC Base)
Color Temp:	3,000k (Warm White)	
Lumens:	220 Lumens @ 3w Power Consumption	
Viewing Angle:	360 Degree	
Efficacy	>70lm/W	
Life Hours:	50,000 Hours	
Dimensions:	.70" Diameter x 1.80" Length	
Replaces:	25W ~ 40W Bulbs	

Features:

- Direct replacement of incandescent & halogen bulbs
- Very High Light Output
- Multi Diode Array
- Silicone encased diodes
- >80% Energy Savings
- Not for use with dimmers
- Very Long Service Life
- Indoor / Outdoor rated
- Very Low Heat Output
- 1 Year Limited Warranty

Certifications:



Damp Location Certified 

Ordering:

	Color Temp.	Base / Voltage
LED-SB	3K	E14-120V
3K (3,000k)		

* DC base lamp operates on 12VDC ~ 24VDC input.
Order as Part Number: **LED-SMWWDC12-24V**

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Norman Lamps, Inc. - Product Data

MFLK-15W

LED Flood Light, 15watts



1,500 Lumens @ 15 Watts



Specifications:

Model:	MFLK-15W
Wattage:	15 Watts
Input Voltage:	120VAC~277VAC
Color Temp:	5,000k (Bright White)
Lumens:	1,500 Lumens @ 15 watts
Viewing Angle:	170 Degree Beam Spread
Efficacy	100lm/W
Life Hours:	50,000 Hours
Dimensions:	4.72" Long x 2.95" Wide x 1.27" Depth
Replaces:	75W~125W HID Flood Lights

Features:

- Direct Replacement for HID & Halogen Flood Lighting
- High Lumen Output with Excellent Light Distribution
- Available in 5,000k (Bright White)
- 80% Energy Savings
- Knuckle Headed Screw Mount for Easy & Adjustable Installation
- Very Long Service Life
- Perfect for Commercial Buildings & Residential Lighting
- Non-Yellowing, Shatter Resistant Lens
- Outdoor Use / Weatherproof Design
- 5 Year Limited Warranty



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Certifications:



Wet Location Certified 



Ordering: LED-MFLK-15W-5K

Ordering Code

LED-MFLK-15W-5K

Universal Voltage

5,000K

120VAC~277VAC

Bright White

DLC # FD15W27V50KBDB77



Norman Lamps, Inc. - Product Data

MFLK-30W

LED Flood Light, 30watts



3,000 Lumens @ 30 Watts



Specifications:

Model:	MFLK-30W
Wattage:	30 Watts
Input Voltage:	120VAC~277VAC
Color Temp:	5,000k (Bright White)
Lumens:	3,000 Lumens @ 30 watts
Viewing Angle:	170 Degree Beam Spread
Efficacy	100lm/W
Life Hours:	50,000 Hours
Dimensions:	7.08" Long x 4.42" Wide x 1.61" Depth
Replaces:	150W~250W HID Flood Lights

Certifications:



Wet Location Certified 



Features:

- Direct Replacement for HID & Halogen Flood Lighting
- High Lumen Output with Excellent Light Distribution
- Available in 5,000k (Bright White)
- 80% Energy Savings
- Knuckle Headed Screw Mount for Easy & Adjustable Installation
- Very Long Service Life
- Perfect for Commercial Buildings & Residential Lighting
- Non-Yellowing, Shatter Resistant Lens
- Outdoor Use / Weatherproof Design
- 5 Year Limited Warranty

Ordering: LED-MFLK-30W-5K

Ordering Code

LED-MFLK-30W-5K

Universal Voltage

5,000K

120VAC~277VAC

Bright White

DLC # FD30W27V50KBDB77

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Norman Lamps, Inc. - Product Data

MFLT-15W

LED Flood Light, 15watts



1,500 Lumens @ 15 Watts



Specifications:

Model:	MFLT-15W
Wattage:	15 Watts
Input Voltage:	120VAC~277VAC
Color Temp:	5,000k (Bright White)
Lumens:	1,500 Lumens @ 15 watts
Viewing Angle:	170 Degree Beam Spread
Efficacy	100lm/W
Life Hours:	50,000 Hours
Dimensions:	4.72" Long x 2.95" Wide x 1.27" Depth
Replaces:	75W~125W HID Flood Lights

Certifications:



Wet Location Certified 



Features:

- Direct Replacement for HID & Halogen Flood Lighting
- High Lumen Output with Excellent Light Distribution
- Available in 5,000k (Bright White)
- 80% Energy Savings
- Trunnion Surface Mount for Easy & Adjustable Installation
- Very Long Service Life
- Perfect for Commercial Buildings & Residential Lighting
- Non-Yellowing, Shatter Resistant Lens
- Outdoor Use / Weatherproof Design
- 5 Year Limited Warranty

Ordering: LED-MFLT-15W-5K

Ordering Code

LED-MFLT-15W-5K

Universal Voltage

5,000K

120VAC~277VAC

Bright White

DLC # FD15W27V50KBDB77

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Norman Lamps, Inc. - Product Data

MFLT-30W

LED Flood Light, 30watts



3,000 Lumens @ 30 Watts



Specifications:

Model:	MFLT-30W
Wattage:	30 Watts
Input Voltage:	120VAC~277VAC
Color Temp:	5,000k (Bright White)
Lumens:	3,000 Lumens @ 30 watts
Viewing Angle:	170 Degree Beam Spread
Efficacy	100lm/W
Life Hours:	50,000 Hours
Dimensions:	7.08" Long x 4.42" Wide x 1.61" Depth
Replaces:	150W~250W HID Flood Lights

Certifications:



Wet Location Certified 



Features:

- Direct Replacement for HID & Halogen Flood Lighting
- High Lumen Output with Excellent Light Distribution
- Available in 5,000k (Bright White)
- 80% Energy Savings
- Trunnion Surface Mount for Easy & Adjustable Installation
- Very Long Service Life
- Perfect for Commercial Buildings & Residential Lighting
- Non-Yellowing, Shatter Resistant Lens
- Outdoor Use / Weatherproof Design
- 5 Year Limited Warranty



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Ordering: LED-MFLT-30W-5K

Ordering Code

LED-MFLT-30W-5K

Universal Voltage

5,000K

120VAC~277VAC

Bright White

DLC # FD30W27V50KBDB77



Norman Lamps, Inc. - Product Data

LED-CP45W

LED Canopy Pack, 45watts



4,050 Lumens @ 45 Watts



Specifications:

Model:	LED-CP45BR-5K
Wattage:	45 Watts
Input Voltage:	90VAC~277VAC
Color Temp:	5,000k (Bright White)
Lumens:	4,050 Lumens @ 45 watts
Viewing Angle:	180 Degree Beam Spread
Efficacy	>90lm/W
Life Hours:	50,000 Hours
Dimensions:	9.56" Long x 9.56" Wide x 3.06" Depth
Replaces:	320W~400W HID Canopy Packs and more

Certifications:



Wet Location Certified



Features:

- Direct Replacement for HID Building Lighting
- High Lumen Output with Excellent Light Distribution
- Available in 5,000k (Bright White)
- 80% Energy Savings
- Non-Yellowing, Shatter Resistant Lens
- Very Long Service Life
- Perfect for Commercial Canopy Lighting and other projects
- Cost Effective Retrofit and Easy to Install
- Outdoor Use / Weatherproof Design
- 5 Year Limited Warranty

Ordering:

LED-CP45BR-5K

Ordering Code

LED-CP45BR-5K

Universal Voltage

5,000K

90VAC~277VAC

Bright White

DLC # CP45W27V50KD

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Norman Lamps, Inc. - Product Data

LED-CP70W

LED Canopy Pack, 70watts



5,900 Lumens @ 70 Watts



Specifications:

Model:	LED-CP70BR-5K
Wattage:	70 Watts
Input Voltage:	90VAC~277VAC
Color Temp:	5,000k (Bright White)
Lumens:	5,900 Lumens @ 70 watts
Viewing Angle:	180 Degree Beam Spread
Efficacy	>90lm/W
Life Hours:	50,000 Hours
Dimensions:	9.56" Long x 9.56" Wide x 3.06" Depth
Replaces:	320W~400W+ HID Canopy Packs and more

Certifications:



Wet Location Certified



Features:

- Direct Replacement for HID Building Lighting
- High Lumen Output with Excellent Light Distribution
- Available in 5,000k (Bright White)
- 80% Energy Savings
- Non-Yellowing, Shatter Resistant Lens
- Very Long Service Life
- Perfect for Commercial Canopy Lighting and other projects
- Cost Effective Retrofit and Easy to Install
- Outdoor Use / Weatherproof Design
- 5 Year Limited Warranty

Ordering:

LED-CP70BR-5K

Ordering Code

LED-CP70BR-5K

Universal Voltage

5,000K

90VAC~277VAC

Bright White

DLC # CP70W27V50KD

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Norman Lamps, Inc. - Product Data

NLWP25

LED Wall Pack, 25watts



2,600 Lumens @ 25 Watts



Specifications:

Model:	NLWP25
Wattage:	25 Watts
Input Voltage:	90VAC~277VAC
Color Temp:	5,000k (Bright White)
Lumens:	2,600 Lumens @ 25 watts
Viewing Angle:	180 Degree Beam Spread
Efficacy	>100lm/W
Life Hours:	50,000 Hours
Dimensions:	8.38" Long x 5.48" Wide x 3.52" Depth
Replaces:	125W HID Wall packs and much more

Certifications:



Wet Location Certified 



Features:

- Direct Replacement for HID Building Lighting
- High Lumen Output with Excellent Light Distribution
- Available in 5,000k (Bright White)
- 80% Energy Savings
- Integrated Photocell / Dawn to Dusk sensor
- Very Long Service Life
- Perfect for Commercial Building lighting with Easy Installation
- Non-Yellowing, Shatter Resistant Lens
- Outdoor Use / Weatherproof Design
- 5 Year Limited Warranty

Ordering:

NLWP25

Ordering Code

NLWP25

Universal Voltage

5,000K

90VAC~277VAC

Bright White

DLC # WM25W27V50KD

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Norman Lamps, Inc. - Product Data

NLWP40-SLIM

LED Wall Pack, 40watts



4,500 Lumens @ 40 Watts



Shown Tilted 20°

Specifications:

Model:	NLWP40-SLIM (Slim design with adjustable Lens)
Wattage:	40 Watts
Input Voltage:	90VAC~277VAC
Color Temp:	5,000k (Bright White)
Lumens:	4,500 Lumens @ 40 watts
Viewing Angle:	120 Degree Beam Spread
Efficacy	>110lm/W
Life Hours:	50,000 Hours
Dimensions:	8.96" Long x 6.77" Wide x 4.13" Depth
Replaces:	175W HID Wall packs and much more

Features:

- Direct Replacement for HID Building Lighting
- High Lumen Output with Excellent Light Distribution
- Available in 5,000k (Bright White)
- 80% Energy Savings
- Adjustable lens tilts up to 20% allowing for optimized light placement
- Very Long Service Life
- Perfect for Commercial Building lighting with Easy Installation
- Non-Yellowing, Shatter Resistant Lens
- Outdoor Use / Weatherproof Design
- 5 Year Limited Warranty

Certifications:



Wet Location Certified



Ordering:

NLWP40-SLIM-5K

Ordering Code

NLWP40-SLIM-5K

Universal Voltage

5,000K

90VAC~277VAC

Bright White

DLC # WPI40W27V50KD

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Norman Lamps, Inc. - Product Data

NLWP70

LED Wall Pack, 70watts



8,000 Lumens @ 70 Watts



Specifications:

Model:	NLWP70
Wattage:	70 Watts
Input Voltage:	90VAC~277VAC
Color Temp:	5,000k (Bright White)
Lumens:	8,000 Lumens @ 25 watts
Viewing Angle:	180 Degree Beam Spread
Efficacy	>110lm/W
Life Hours:	50,000 Hours
Dimensions:	14.21" Long x 9.25" Wide x 7.4" Depth
Replaces:	250W HID Wall packs and much more

Certifications:



Wet Location Certified 



Features:

- Direct Replacement for HID Building Lighting
- High Lumen Output with Excellent Light Distribution
- Available in 5,000k (Bright White)
- 80% Energy Savings
- Heavy Duty Construction
- Very Long Service Life
- Perfect for Commercial Building lighting with Easy Installation
- Non-Yellowing, Shatter Resistant Lens
- Outdoor Use / Weatherproof Design
- 5 Year Limited Warranty



Norman Lamps, Inc.

Norman Lamps maintains one of the largest LED lamp inventories in the United States. This inventory, combined with state-of-the-art order processing, allows us to ship your orders accurately and without delay. Norman LED lamps combine the highest level of energy saving efficiency with the highest lumen output levels, longest lifespan, best color rendering, and effective beam spread to create the best in LED lamp products.

Ordering:

NLWP70

Ordering Code

NLWP70

Universal Voltage

5,000K

90VAC~277VAC

Bright White

DLC # WP70W27V50KD



Norman Lamps, Inc. - Product Data

NLWP90

LED Wall Pack, 90watts



10,500 Lumens @ 90 Watts



Specifications:

Model:	NLWP90
Wattage:	90 Watts
Input Voltage:	90VAC~277VAC
Color Temp:	5,000k (Bright White)
Lumens:	10,500 Lumens @ 90 watts
Viewing Angle:	180 Degree Beam Spread
Efficacy	>110lm/W
Life Hours:	50,000 Hours
Dimensions:	18.0" Long x 9.5" Wide x 8.72" Depth
Replaces:	320W~400W+ HID Wall packs and more

Certifications:



Wet Location Certified 



Features:

- Direct Replacement for HID Building Lighting
- High Lumen Output with Excellent Light Distribution
- Available in 5,000k (Bright White)
- 80% Energy Savings
- Heavy Duty Construction
- Very Long Service Life
- Perfect for Commercial Building lighting with Easy Installation
- Non-Yellowing, Shatter Resistant Lens
- Outdoor Use / Weatherproof Design
- 5 Year Limited Warranty

Ordering:

NLWP90

Ordering Code

NLWP90

Universal Voltage

5,000K

90VAC~277VAC

Bright White

DLC # WM90W27V50KD

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Toll Free: 800-992-8020 | Local: 630-377-3559 | Fax: 866-482-3916 | sales@normanlamps.com | normanlamps.com



NORMAN LAMPS, INC.

"DISTRIBUTING LIGHT TO THE WORLD"

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