PERIMETER WALL PACK
NRG®300B SERIES

Cat.#		
Job		Type

HUBBELL Outdoor Lighting

Approvals

INTENDED USES
- Entry or perimeter security lighting applications for commercial buildings, shopping centers, schools, and apartment complexes

CONSTRUCTION
- Full polycarbonate front provides vandal resistance and efficient spread Lateral coverage on HID units is 5 times the typical mounting height up to 10 feet
- Internally painted bronze finish for lasting appearance (except white CFL models)
- LED unit is an excellent upgrade from HID systems featuring a 18w, 12 LED system with a 1120 lumen output, 5000K CCT, 5 year warranty - 60,500 hr rated life at L94[7]
- Rugged cast aluminum back housing for rigid mounting; Bottom 1/2" conduit knockout for surface conduit wiring (except on 'MS' unit). Back hub allows access to recessed wiring boxes; Two point mounting; Additional center-pin torx screws provided for tamper-resistant applications
- Motion controlled unit has 180° detection range–saves energy by providing illumination only when needed

ELECTRICAL
- Units available with or without 120V button photocontrol (except white) for automatic on/off as needed for energy savings
- Lamp Included: Vertical medium base HID socket or universal 4-pin CFL
- Motion sensor unit senses presence and provides light and auto cutoff after 1, 5 or 10 minutes
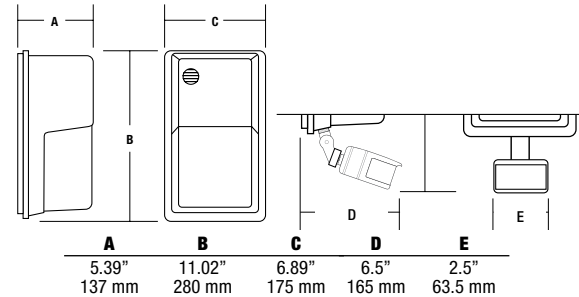- LED units are 19w, 120-277V (PC-120V), 63 LPW, CRI 73, 5000K CCT, single driver 50Hz

LISTINGS
- Listed to UL 1598 for use in wet locations

PRODUCT IMAGE(S)

NRG-304B-MS   NRG-312LU-5K-BZ

DIMENSIONS

	A	B	C	D	E
	5.39" 137 mm	11.02" 280 mm	6.89" 175 mm	6.5" 165 mm	2.5" 63.5 mm

CERTIFICATIONS/LISTINGS
c UL us   LED

SHIPPING INFORMATION

Catalog Number	G.W(kg)/CTN	Carton Dimensions			Carton Qty. per Master Pack
		Length Inch (cm)	Width Inch (cm)	Height Inch (cm)	
NRG312LU5KBZ	5.33 (2.42)	11.8 (30)	7.4 (19)	6.1 (15.5)	1
NRG312LU5KBZPC	5.40 (2.45)	11.8 (30)	7.4 (19)	6.1 (15.5)	1

ORDERING INFORMATION

Catalog Number[1]		Wattage	Voltage	Max Input Amps	Color	Weight lbs. (kg)
Without Photocontrol	With Photocontrol					
High Pressure Sodium						
NRG-301B	NRG-301B-PC[2,3]	50w	120V	1.2	Bronze	5 (2.3)
NRG-307B	NRG-307B-PC[2,3]	70w	120V	1.6	Bronze	5 (2.3)
Pulse Start Metal Halide						
NRG-350B	NRG-350B-PC[2,3]	50w	120V	1.1	Bronze	6.5 (2.9)
Electronic Fluorescent[4]						
–	NRG-306B-PCW[2]	26w	120-277V (-PC120)	.2	White	4.2 (1.9)
NRG-306B	NRG-306B-PC[2]	26w	120-277V (-PC120)	.2	Bronze	4.2 (1.9)
–	NRG-304B-PCW[2]	42w	120-277V (-PC120)	.3	White	4.2 (1.9)
NRG-304B	NRG-304B-PC[2]	42w	120-277V (-PC120)	.3	Bronze	4.2 (1.9)
Motion Controlled Electronic Fluorescent[4]						
–	NRG-304B-MS[5]	42w	120V	.3	Bronze	6 (2.7)
12 LED – 1120 lumens – 5000K						
NRG-312LU-5K-BZ[6]	NRG-312LU-5K-BZ-PC[2,6]	18w	120-277V (-PC120)	.1	Bronze	6 (2.7)

1 Lamp included
2 120V only when ordered with photocontrol
3 120V NPF ballast for HID
4 CFL lamps are 4-Pin, 3500K, GX24q-4
5 Motion sensor has 180° detection range, adjustable time-on and sensitivity settings
6 LED units feature five year limited warranty
7 Lumen maintenance performance references IESNA LM-80 data based on 10,000 hrs testing and projected per IESNA TM-21-11

PHOTOMETRIC REPORTS

Catalog Number	Description
NRG307B	NRG307B.IES
NRG304B	NRG304B.IES
NRG312LU	NRG312LU5K.IES

ACCESSORIES - ORDER SEPARATELY

Catalog Number	Description
PBT-1	Button photocontrol, 120V
PBT-234	Button photocontrol, 208, 240, 277V

REPLACEMENT PART - ORDER SEPARATELY

Catalog Number	Description
SM352-COVER	Polycarbonate front cover, Bronze
SM352-F/LENS	LED front cover, bronze

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