



Lightalarms

Lighting the way to safety since 1953

Emergency Battery Units

Head Assembly & Lamp Selector Guide



Lightalarms



TBR Series	page 3
-------------------	--------



RD Series	page 4
------------------	--------



DM, DS Thermoplastic Series	page 5
------------------------------------	--------



DM, DS Thermoplastic Series	page 6
------------------------------------	--------



MC Series	page 7
------------------	--------



MG, MN Series	page 8
----------------------	--------



PG, P12G Series	page 9
------------------------	--------



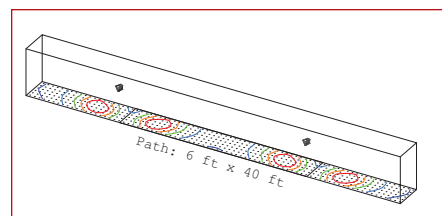
PN, P12N Series	page 10
------------------------	---------



PQ, P12Q Series	page 11
------------------------	---------

MR16 LED Lamp

- Input voltage: 12Vac or dc
- Input power: max. 4W (typical 3.6W)
- The MR16 lamp includes three 1-watt LEDs and electronic driver
- Operation life: min. 50,000 hours (typical 80,000 hours)
- Working temperature: max. 60°C (140°F)
- Color temperature: 6,000K white
- Total luminous flux: 178 lumen; (subject to continuous upgrade)
- Lighting performance equivalent to 12-16W Quartz Halogen and MR16
- 40" Center to center



- Twin emergency lights: 40-ft spacing and 7.5 ft mounting height.
- Average illumination: 1 fc along a 6-ft wide corridor



■ TBR Series

6 or 12-Volt Decorative Style T-Bar Unit
Maintenance-Free Lead-Calcium or Nickel-Cadmium Battery
UL Listed

The **TBR Series** battery units are designed for T-Bar ceiling grid installation. This slim-line, unobtrusive unit is ideally suited for any commercial location where there is limited wall space and where the greater directional flexibility of ceiling-mounted heads is needed to provide greater distribution.

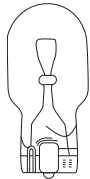
	6V	12V
Maximum battery capacity	81W	54W
Do not exceed the wattage capacity		



ELF2

Wedge Base Incandescent Lamps

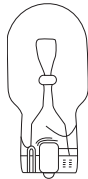


Lamp Type	Catalog Suffix	Voltage	Watts
 T-5	L5	6	5.4
	L7	6	7.2
	L9	6	9
	L9	12	9
	L12	12	12
	L18	12	18


ELF645

Wedge Base Incandescent Lamps



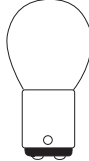
Lamp Type	Catalog Suffix	Voltage	Watts
 T-5	L5	6	5.4
	L7	6	7.2
	L9	6	9
	L9	12	9
	L12	12	12
	L18	12	18

Bi-Pin Halogen Lamps

Lamp Type	Catalog Suffix	Voltage	Watts
 T-2 3/4	LH4	6	6
	LH5	6	8
	LH7	6	10
	LH6	6	12
	LH8	12	8
	LH3	12	12
	LH9	12	14

Bi-Pin Halogen Lamps


Double Contact Bayonet Base Lamps

Lamp Type	Catalog Suffix	Voltage	Watts
 S-8	L9	6	9
	L13	6	13
	L18	6	18
	L25	6	25
	L9	12	9
	L13	12	13
	L18	12	18
	L25	12	25


ELF3 / DR1130



MR16 LED Lamps

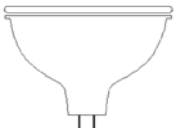
Lamp Type	Catalog Suffix	Voltage	Watts
 LED	LD7	12	4

Bi-Pin Halogen Lamps

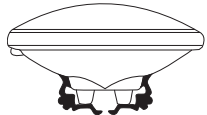
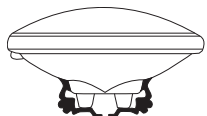
Lamp Type	Catalog Suffix	Voltage	Watts
 T-2 1/4	LH4	6	6
	LH5	6	8
	LH7	6	10
	LH6	6	12
	LH8	6	20
	LH8	12	8
	LH3	12	12
	LH9	12	14
	LH2	12	20

Bi-Pin Halogen Lamps

MR16 Halogen Lamps

Lamp Type	Catalog Suffix	Voltage	Watts
 Halogen	M5	6	5
	M6	6	6
	M10	6	10
	M12	12	12
	M20	12	20
	MH20	12	20-IR
	M10	12	10

PAR 36 Sealed Beam Lamps

Lamp Type	Catalog Suffix	Voltage	Watts
 Sealed Beam Halogen Lamps - PAR 36	H7556	6	6
	H7551	6	8
	H7552	6	10
	H7553	6	12
	H7554	6	20
	H7555	12	8
	H7557	12	12
 Sealed Beam Incandescent Lamps - PAR 36	7613	6	8
	4042	6	12
	4014	6	18
	4510	6	25
	4515	6	25
	4446	6	20
	4044	12	12
	4414	12	18
4416			

RD Series

	6V	12V
Maximum battery capacity	36W	36W
Do not exceed the wattage capacity		



6 or 12-Volt Decorative Style Recessed Unit
Maintenance-Free Lead-Calcium or Nickel-Cadmium Battery
UL Listed

The **RD Series** battery units are designed for fully recessed installation in walls or ceilings. Models are available with two ELF645 heads standard, or two ELF2, ELF3 or DR1130 heads optional, to accent any decor.

ELF2



Wedge Base Incandescent Lamps

Lamp Type	Catalog Suffix	Voltage	Watts
T-5	L5	6	5.4
	L7	6	7.2
	L9	6	9
	L9	12	9
	L12	12	12
	L18	12	18

ELF645



Wedge Base Incandescent Lamps

Lamp Type	Catalog Suffix	Voltage	Watts
T-5	ZP	6	5.4
	ZL	6	7.2
	ZD	6	9
	ZF	12	9
	ZG	12	12
	ZH	12	18

Bi-Pin Halogen Lamps

Lamp Type	Catalog Suffix	Voltage	Watts
T-2 1/4	LH4	6	6
	LH5	6	8
	LH7	6	10
	LH6	6	12
	LH8	12	8
	LH3	12	12
	LH9	12	14

Double Contact Bayonet Base Lamps

Lamp Type	Catalog Suffix	Voltage	Watts
S-8	L13	6	13
	L9	12	9
	L13	12	13

ELF3 / DR1130



MR16 LED Lamps

Lamp Type	Catalog Suffix	Voltage	Watts
LED	LD7	12	4

Bi-Pin Halogen Lamps

Lamp Type	Catalog Suffix	Voltage	Watts
T-2 1/4	LH4	6	6
	LH5	6	8
	LH7	6	10
	LH6	6	12
	LH8	12	8
	LH3	12	12
	LH9	12	14

MR16 Halogen Lamps

Lamp Type	Catalog Suffix	Voltage	Watts
Halogen	M5	6	5
	M6	6	6
	M10	6	10
	M12	12	12
	M20	12	20
	MH20	12	20-IR
	M10	12	10

PAR 36 Sealed Beam Lamps

Lamp Type	Catalog Suffix	Voltage	Watts
Sealed Beam Halogen Lamps - PAR 36	H7556	6	6
	H7551	6	8
	H7552	6	10
	H7553	6	12
	H7555	12	8
	H7557	12	12
Sealed Beam Incandescent Lamps - PAR 36	7613	6	8
	4042	6	12
	4014	6	18
	4044	12	12
	4414	12	18



DM, DS Thermoplastic Series

DS3, DMS, DS6, DM6, DS7 and DM7 Series

6 Volt Thermoplastic Emergency Unit
Sealed Maintenance-Free Lead Calcium Battery
UL Listed

The **DM, DS Series**, is an excellent combination of economy and quality – the best offered in the industry. This unit is compact, lightweight and corrosion resistant.

	Available in 6V only
Maximum battery capacity	27W
Do not exceed the wattage capacity	



ELF2



Bi-Pin Halogen Lamps

Lamp Type

Catalog Suffix	Voltage	Watts
LH4	6	6
LH5	6	8

Bi-Pin Halogen Lamps

ELF645



Double Contact Bayonet Base Lamps

Lamp Type

Catalog Suffix	Voltage	Watts
L9	6	9

Double Contact Bayonet Base

Wedge Base Incandescent Lamps

Lamp Type

Catalog Suffix	Voltage	Watts
L5	6	5.4
L7	6	7.2
L9	6	9

T-5

ELF3



MR16 Halogen Lamps

Lamp Type

Catalog Suffix	Voltage	Watts
M5	6	5
M6	6	6

Halogen

DM, DS Thermoplastic Series

	6V	12V
Maximum battery capacity	54W	54W
Do not exceed the wattage capacity		



DM8, DS8, DM9, DS9, DM6, D12M and D12S Series

6 or 12 Volt Thermoplastic Emergency Unit
Sealed Maintenance-Free Lead Calcium Battery
UL Listed

The **DM, DS Series**, is an excellent combination of economy and quality – the best offered in the industry. This unit is compact, lightweight and corrosion resistant.

ELF2 / ELF623

Bi-Pin Halogen Lamps



Lamp Type

T-2¼ T-2¾

Bi-Pin Halogen Lamps

Catalog Suffix	Voltage	Watts
LH4	6	6
LH5	6	8
LH7	6	10
LH6	6	12
LH8	12	8
LH3	12	12
LH9	12	14

Wedge Base Incandescent Lamps

Lamp Type

T-5

Catalog Suffix	Voltage	Watts
L5	6	5.4
L7	6	7.2
L9	6	9
L9	12	9
L12	12	12
L18	12	18

ELF3



MR16 LED Lamps

Lamp Type

LED

Catalog Suffix	Voltage	Watts
LD7	12	4

MR16 Halogen Lamps

Lamp Type

Halogen

Catalog Suffix	Voltage	Watts
M5	6	5
M6	6	6
M10	6	10
M12	12	12
M20	12	20
MH20	12	20-IR
M10	12	10

ELF645



PAR 36 Sealed Beam Lamps

Lamp Type

Sealed Beam Halogen Lamps - PAR 36

Catalog Suffix	Voltage	Watts
H7556	6	6
H7551	6	8
H7552	6	10
H7553	6	12
H7554	6	20
H7555	12	8
H7557	12	12

Sealed Beam Incandescent Lamps - PAR 36

Catalog Suffix	Voltage	Watts
7613	6	8
4042	6	12
4014	6	18
4510	6	25
4446	6	20
4044	12	12
4414	12	18

Double Contact Bayonet Base Lamps

Lamp Type

RP-11 S-8

Double Contact Bayonet Base

Catalog Suffix	Voltage	Watts
L9	6	9
L13	6	13
L18	6	18
L25	6	25
L9	12	9
L13	12	13
L18	12	18
L25	12	25

MC Series

6 or 12 Volts Emergency Unit
Sealed Maintenance-Free Lead Calcium or Nickel-Cadmium Battery
UL Listed

The Lightalarms **MC Series** emergency battery unit incorporates performance and labor-saving features, normally found only in higher capacity units, in a economical compact housing design.

The **MC Series** is ideally suited for commercial applications where space, performance and ease of installation are required.

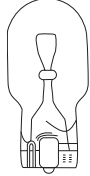
	6V	12V
Maximum battery capacity	40W	50W
Do not exceed the wattage capacity		



ELF2



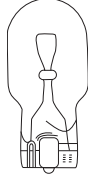
Wedge Base Incandescent Lamps

Lamp Type	Catalog Suffix	Voltage	Watts
 T-5	L5	6	5.4
	L7	6	7.2
	L9	6	9
	L9	12	9
	L12	12	12
	L18	12	18


ELF645



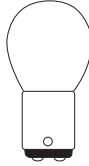
Wedge Base Incandescent Lamps

Lamp Type	Catalog Suffix	Voltage	Watts
 T-5	L5	6	5.4
	L7	6	7.2
	L9	6	9
	L9	12	9
	L12	12	12
	L18	12	18

Bi-Pin Halogen Lamps

Lamp Type	Catalog Suffix	Voltage	Watts
 T-2 ^{3/4} Bi-Pin Halogen Lamps	LH4	6	6
	LH5	6	8
	LH7	6	10
	LH6	6	12
	LH8	12	8
	LH3	12	12
	LH9	12	14


Double Contact Bayonet Base

Lamp Type	Catalog Suffix	Voltage	Watts
 S-8 Double Contact Bayonet Base	L13	6	13
	L9	12	9
	L13	12	13
	L25	12	25

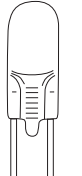
ELF3 / DR1130



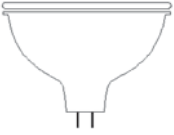
MR16 LED Lamps

Lamp Type	Catalog Suffix	Voltage	Watts
 LED	LD7	12	4

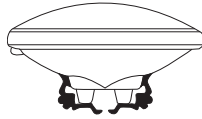
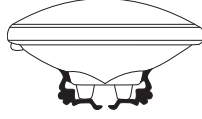
Bi-Pin Halogen Lamps

Lamp Type	Catalog Suffix	Voltage	Watts
 T-2 ^{1/4} Bi-Pin Halogen Lamps	LH4	6	6
	LH5	6	8
	LH7	6	10
	LH6	6	12
	LH8	6	20
	LH8	12	8
	LH3	12	12
	LH9	12	14
	LH2	12	20

MR16 Halogen Lamps

Lamp Type	Catalog Suffix	Voltage	Watts
 Halogen	M5	6	5
	M6	6	6
	M10	6	10
	M10	12	10
	M12	12	12
	M20	12	20
	MH20	12	20-IR

PAR 36 Sealed Beam Lamps

Lamp Type	Catalog Suffix	Voltage	Watts
 Sealed Beam Halogen Lamps - PAR 36	H7556	6	6
	H7551	6	8
	H7552	6	10
	H7553	6	12
	H7554	6	20
	H7555	12	8
	H7557	12	12
 Sealed Beam Incandescent Lamps - PAR 36	7613	6	8
	4042	6	12
	4014	6	18
	4044	12	12
	4414	12	18
	4446	12	25

MG, MN Series

	6V	12V
Maximum battery capacity	54W	54W
Do not exceed the wattage capacity		



6 and 12 Volt Steel Emergency Unit
Sealed Maintenance-Free Lead Calcium or Nickel-Cadmium Battery, UL Listed

Optional (FM suffix) Front Mounted Heads for low ceiling applications.

The MG, MN Series battery unit incorporates a complete range of high performance and labor saving features normally found only in higher voltage units. The compact housing design meets most requirements for moderate loads. The MG, MN Series is a reliable, economic unit for all public areas.

Sealed Maintenance-Free Batteries
 • Nickel-Cadmium • Long Life Lead • Lead-Calcium

ELF2 / ELF623



Bi-Pin Halogen Lamps

Lamp Type	Catalog Suffix	Voltage	Watts
T-2 1/4	LH4	6	6
T-2 3/4	LH5	6	8
	LH7	6	10
	LH6	6	12
	LH8	6	20
	LH8	12	8
	LH3	12	12
	LH9	12	14
	LH2	12	20

ELF645 / ELF622



PAR 36 Sealed Beam Lamps

Lamp Type	Catalog Suffix	Voltage	Watts
Sealed Beam Halogen Lamps - PAR 36	H7556	6	6
	H7551	6	8
	H7552	6	10
	H7553	6	12
	H7554	6	20
	H7555	12	8
	H7557	12	12
Sealed Beam Incandescent Lamps - PAR 36	7613	6	8
	4042	6	12
	4014	6	18
	4510	6	25
	4446	6	20
	4044	12	12
	4414	12	18

Wedge Base Incandescent Lamps

Lamp Type	Catalog Suffix	Voltage	Watts
T-5	L5	6	5.4
	L7	6	7.2
	L9	6	9
	L9	12	9
	L12	12	12
	L18	12	18

ELF648



Bi-Pin Halogen Lamps

Lamp Type	Catalog Suffix	Voltage	Watts
T-2 1/4	LH4	6	6
T-2 3/4	LH5	6	8
	LH7	6	10
	LH6	6	12
	LH8	6	20
	LH8	12	8
	LH3	12	12
	LH9	12	14
	LH2	12	20

Double Contact Bayonet Base Lamps

Lamp Type	Catalog Suffix	Voltage	Watts
RP-11	L9	6	9
S-8	L13	6	13
	L18	6	18
	L25	6	25
	L9	12	9
	L13	12	13
	L18	12	18
	L25	12	25

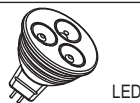
Wedge Base Incandescent Lamps

Lamp Type	Catalog Suffix	Voltage	Watts
T-5	L5	6	5.4
	L7	6	7.2
	L9	6	9
	L9	12	9
	L12	12	12
	L18	12	18

ELF3 / DR1130



MR16 LED Lamps



Catalog Suffix	Voltage	Watts
LD7	12	4

MR16 Halogen Lamps

Lamp Type	Catalog Suffix	Voltage	Watts
Halogen	M5	6	5
	M6	6	6
	M10	6	10
	M12	12	12
	M20	12	20
	MH20	12	20-IR
	M10	12	10

Bi-Pin Halogen Lamps

Lamp Type	Catalog Suffix	Voltage	Watts
T-2 1/4	LH4	6	6
T-2 3/4	LH5	6	8
	LH7	6	10
	LH6	6	12
	LH8	6	20
	LH8	12	8
	LH3	12	12
	LH9	12	14
	LH2	12	20



PG, P12G Series

6 or 12 Volt Steel Emergency Unit
Sealed Maintenance-Free Lead Calcium Battery
UL Listed

The PG, P12G Series battery units combine reliability, versatility, performance and cost-efficiency in an aesthetically pleasing design. Ideally suited for a range of commercial applications.

	6V	12V
Maximum battery capacity	54W	54W
Do not exceed the wattage capacity		

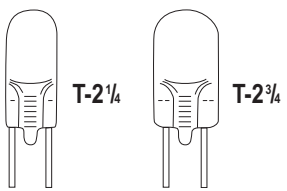


ELF2 / ELF623



Bi-Pin Halogen Lamps

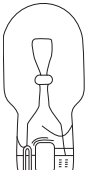
Lamp Type



Catalog Suffix	Voltage	Watts
LH4	6	6
LH5	6	8
LH7	6	10
LH6	6	12
LH8	12	8
LH3	12	12
LH9	12	14

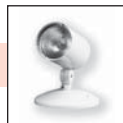
Wedge Base Incandescent Lamps

Lamp Type



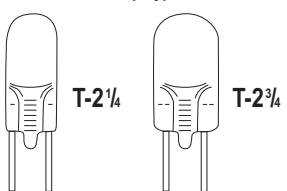
Catalog Suffix	Voltage	Watts
L5	6	5.4
L7	6	7.2
L9	6	9
L9	12	9
L12	12	12
L18	12	18

ELF648



Bi-Pin Halogen Lamps

Lamp Type



Catalog Suffix	Voltage	Watts
LH4	6	6
LH5	6	8
LH7	6	10
LH6	6	12
LH8	6	20
LH8	12	8
LH3	12	12
LH9	12	14
LH2	12	20


Bi-Pin Halogen Lamps

ELF3 / DR1130



MR16 LED Lamps


Lamp Type



Catalog Suffix	Voltage	Watts
LD7	12	4

MR16 Halogen Lamps

Lamp Type



Catalog Suffix	Voltage	Watts
M5	6	5
M6	6	6
M10	6	10
M12	12	12
M20	12	20
MH20	12	20-IR
M10	12	10

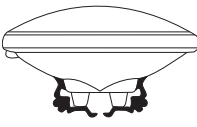
Halogen

ELF645 / ELF622



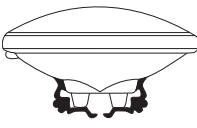
PAR 36 Sealed Beam Lamps

Lamp Type



Catalog Suffix	Voltage	Watts
H7556	6	6
H7551	6	8
H7552	6	10
H7553	6	12
H7554	6	20
H7555	12	8
H7557	12	12

Sealed Beam Halogen Lamps - PAR 36

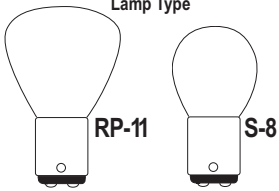


Catalog Suffix	Voltage	Watts
7613	6	8
4042	6	12
4014	6	18
4510	6	25
4446	6	20
4044	12	12
4414	12	18

Sealed Beam Incandescent Lamps - PAR 36

Double Contact Bayonet Base Lamps

Lamp Type



Catalog Suffix	Voltage	Watts
L9	6	9
L13	6	13
L18	6	18
L25	6	25
L9	12	9
L13	12	13
L18	12	18
L25	12	25

Double Contact Bayonet Base

PN, P12N Series

	6V	12V
Maximum battery capacity	25W	72W
Do not exceed the wattage capacity		



6 or 12 Volt Steel Emergency Unit
Sealed Maintenance-Free Nickel-Cadmium Battery
UL Listed

The PN, P12N Series battery unit is a traditionally styled, high performance unit, designed for environments where lighting units may be exposed to fluctuations in temperature.

ELF2 / ELF623



Bi-Pin Halogen Lamps

Lamp Type

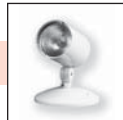
Catalog Suffix	Voltage	Watts
LH4	6	6
LH5	6	8
LH7	6	10
LH6	6	12
LH8	12	8
LH3	12	12
LH9	12	14

Wedge Base Incandescent Lamps

Lamp Type

Catalog Suffix	Voltage	Watts
L5	6	5.4
L7	6	7.2
L9	6	9
L9	12	9
L12	12	12
L18	12	18

ELF648



Bi-Pin Halogen Lamps

Lamp Type

Catalog Suffix	Voltage	Watts
LH4	6	6
LH5	6	8
LH7	6	10
LH6	6	12
LH8	6	20
LH8	12	8
LH3	12	12
LH9	12	14
LH2	12	20

Bi-Pin Halogen Lamps

ELF3 / DR1130



MR16 LED Lamps

Lamp Type

Catalog Suffix	Voltage	Watts
LD7	12	4

MR16 Halogen Lamps

Lamp Type

Catalog Suffix	Voltage	Watts
M5	6	5
M6	6	6
M10	6	10
M12	12	12
M20	12	20
MH20	12	20-IR
M10	12	10

Halogen

ELF645 / ELF622



PAR 36 Sealed Beam Lamps

Lamp Type

Catalog Suffix	Voltage	Watts
H7556	6	6
H7551	6	8
H7552	6	10
H7553	6	12
H7554	6	20
H7555	12	8
H7557	12	12

Sealed Beam Halogen Lamps - PAR 36

Catalog Suffix	Voltage	Watts
7613	6	8
4042	6	12
4014	6	18
4510	6	25
4446	6	20
4044	12	12
4414	12	18

Sealed Beam Incandescent Lamps - PAR 36

Double Contact Bayonet Base Lamps

Lamp Type

Catalog Suffix	Voltage	Watts
L9	6	9
L13	6	13
L18	6	18
L25	6	25
L9	12	9
L13	12	13
L18	12	18
L25	12	25

Double Contact Bayonet Base



■ PQ, P12Q Series

6 or 12 Volt Steel Emergency Unit
Sealed Maintenance-Free Nickel-Cadmium Battery
UL Listed

The **PQ, P12Q Series** battery unit is an effective, functional unit designed with high capacity maintenance-free batteries for commercial, institutional or industrial environments requiring remote capability or extended emergency lighting time.

	6V	12V
Maximum battery capacity	25W	72W
Do not exceed the wattage capacity		



ELF2 / ELF623



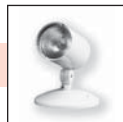
Bi-Pin Halogen Lamps

Lamp Type	Catalog Suffix	Voltage	Watts
	LH4	6	6
	LH5	6	8
	LH7	6	10
	LH6	6	12
	LH8	12	8
	LH3	12	12
	LH9	12	14

Wedge Base Incandescent Lamps

Lamp Type	Catalog Suffix	Voltage	Watts
	L5	6	5.4
	L7	6	7.2
	L9	6	9
	L9	12	9
	L12	12	12
	L18	12	18

ELF648



Bi-Pin Halogen Lamps

Lamp Type	Catalog Suffix	Voltage	Watts
	LH4	6	6
	LH5	6	8
	LH7	6	10
	LH6	6	12
	LH8	6	20
	LH8	12	8
	LH3	12	12
	LH9	12	14
	LH2	12	20

ELF3 / DR1130



MR16 LED Lamps

Lamp Type	Catalog Suffix	Voltage	Watts
	LD7	12	4

MR16 Halogen Lamps

Lamp Type	Catalog Suffix	Voltage	Watts
	M5	6	5
	M6	6	6
	M10	6	10
	M12	12	12
	M20	12	20
	MH20	12	20-IR
	M10	12	10

ELF645 / ELF622



PAR 36 Sealed Beam Lamps

Lamp Type	Catalog Suffix	Voltage	Watts
	H7556	6	6
	H7551	6	8
	H7552	6	10
	H7553	6	12
	H7554	6	20
	H7555	12	8
	H7557	12	12
	7613	6	8
	4042	6	12
	4014	6	18
	4510	6	25
	4446	6	20
	4044	12	12
	4414	12	18

Double Contact Bayonet Base Lamps

Lamp Type	Catalog Suffix	Voltage	Watts
	L9	6	9
	L13	6	13
	L18	6	18
	L25	6	25
	L9	12	9
	L13	12	13
	L18	12	18
	L25	12	25



Serving the USA from our North American Facilities.

Inside Sales • Customer Support

Tel.: 1-888-935-3610

Fax: 1-888-867-1566

Technical Support

Tel.: 1-888-552-6467

Fax: 1-800-316-4515

www.lightalarms.com

Thomas&Betts

© 2010 Thomas & Betts Limited. All rights reserved. Printed in Canada 02/10/200 Order no. LA-LAMPGUIDE
All information and specifications contained in this catalog are subject to change due to engineer design,
errors and omissions. Illustrations and diagrams within this catalog may vary from actual products.