



ARCHITECTURAL STEP LIGHTS



RIO™



CONTENTS

Product Overview	4
Design Features	6
Lamp Options	9
Photometrics	10
Installation & Mounting	12
Specifications	14

ARCHITECTURAL STEP LIGHTS

Rio™ architectural step lights provide beauty, performance and durability. Transitional styling, low profile design and no visible fasteners provide seamless integration with architectural styles of all kinds. Logical, modular design elements facilitate fast and foolproof installation in all types of wall surfaces including drywall, concrete pour or brick/masonry. All models include IP68 rated outdoor protection, but are also suitable for indoor wall-mounted applications, including direct insulation contact (IC) for certain lamp sources. All models comply with the Americans with Disabilities Act (ADA).



PRODUCT OVERVIEW

FORM, SIZE & STYLE

Petite 5" or 7" forms project less than 1" from the finished wall, providing an ultra-low profile and compliance with the Americans with Disabilities Act (ADA). Transitional styling blends seamlessly with architectural styles and wall surfaces of all kinds, indoors and outdoors.



2 FORMS



2 SIZES



4 STYLES

LUMIÈRE MATERIALS & FINISHES

All components are constructed from corrosion-resistant type 383 die-cast aluminum alloy, then double protected by a chromate conversion undercoating and polyester powdercoat paint finish. Machined, natural finish brass and stainless steel fascia is unpainted to reveal the natural beauty of the material.

DESIGNED FOR INDOORS & OUTDOORS

LUMIÈRE PAINTED FINISHES



METAL FINISHES



INVUE™ PAINTED FINISHES

For projects in which Rio™ architectural step lights are used in combination with INVUE Solas™ series luminaires, standard INVUE colors are available at no additional charge.



RUGGED MATERIALS

In addition to rugged die-cast aluminum construction and double finish protection, Rio™ architectural step lights – like all Lumière products – employ the use of stainless steel hardware, high temperature silicone gaskets and tempered glass lenses to prevent water intrusion and, ultimately, premature fixture failure. All fixtures are UL/cUL listed, standard wet label but are also suitable for indoor applications. Models utilizing certain lamp sources are rated for direct insulation contact.



Premium materials & construction exceed the rigorous demands of the outdoor environment.

IP68 RATED OUTDOOR PROTECTION

"IP" stands for "Ingress Protection" and is a rating system established by the European organization, International Electrotechnical Commission, or IEC. With more than 50 member countries, the IEC publishes international standards for electrical products and related technologies. The two numbers that follow "IP" individually callout the fixture's protection ratings against solid objects (such as airborne particulates) and moisture, respectively. Rio™ architectural step lights are IP68 rated, the IEC's highest rating for ingress protection.

I	P	6	8
Ingress	Protection	Complete protection against entry of dust particles	Protection against continuous submersion in water

NOTE: Not for use in pools, ponds, fountains, or other underwater applications.

LOGICAL, MODULAR DESIGN

Rio™ architectural step lights are comprised of four modular components: 1) back box, 2) POWER-TRAY™ optical / electrical module, 3) lens / bezel assembly, and 4) fascia. The back box is available to ship in advance for rough-in purposes. Individual components are factory-assembled and interchangeable with other Rio™ step lights of the same size and incoming line voltage. Modular design means fast, foolproof installation and service. It also makes changing to another fascia style or lamp source quick and easy.

POWER-TRAY™ OPTICAL/ELECTRICAL MODULE

The patent pending POWER-TRAY™ module includes all optical and electrical components on a pre-wired, factory-assembled tray that includes a quick-disconnect module, which plugs directly into the back box. After shutting off power to the fixture, simply pull out the POWER-TRAY™ module to relamp or to access the ballast, transformer or LED driver.

Back Box



POWER-TRAY™
Optical/Electrical
Module



Lens / Bezel
Assembly

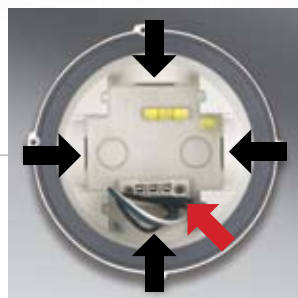


Fascia

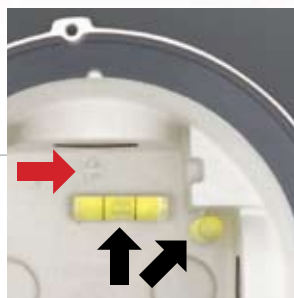
FEATURES



Heavy-duty die-cast housing, double protected by a chromate conversion undercoating and tough powdercoat finish. Integral high temperature silicone gasket provides IP68 rated seal, independent of the fascia.



Four (4) 3/4" conduit entries provide easy thru wiring. The quick-disconnect plugs directly into the POWER-TRAY™ optical / electrical module, making installation and service fast and easy.



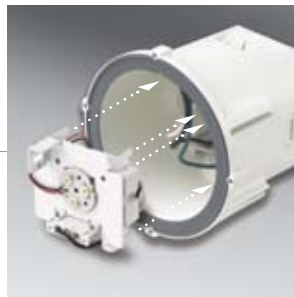
Integral UP arrow indicates proper mounting orientation. Two (2) level vials indicate proper alignment, both horizontally and to & fro.



Removable pour cover (standard) keeps housing clean until final installation of POWER-TRAY™ module, lens/ bezel and fascia. Integral side rails accept & lock mounting bracket to back box.



The pre-wired, factory-assembled POWER-TRAY™ module contains all optical and electrical components (patent pending). Four integral mounting posts guide it in and out of the back box.



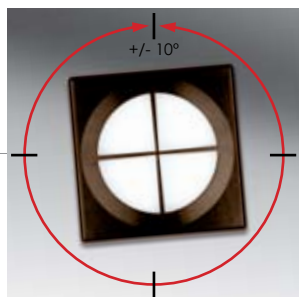
The quick-disconnect on the POWER-TRAY™ module plugs directly into the quick-disconnect in the back box, making installation and service fast and easy.



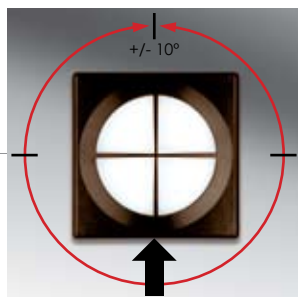
The lens / bezel assembly is mechanically fastened to the back box, creating a tight, positive seal between the back box gasket and the lens. This IP68 rated seal is totally independent of the fascia.



Clear tempered glass lens is lightly diffused for low brightness and high performance. Louvered fascia utilizes a clear tempered glass lens.



Before



After

FASCIAlign™ FASCIA ALIGNMENT SYSTEM

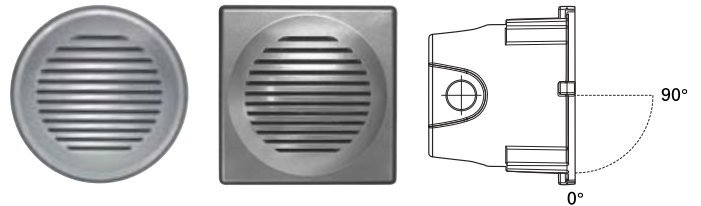
The patent pending FASCIAlign™ fascia alignment system provides rotation of the fascia +/- 10° (total of 20°) to compensate for misaligned back box. This is made possible by use of a single, "blind" faceplate fastener and a unique IP68 rated fixture seal design that works independent of the faceplate.

CUTOFF PERFORMANCE

The Illuminating Engineering Society of North America (IESNA) defines four luminaire cutoff classifications to quantify the amount of light a fixture directs upward toward the sky.

All Rio™ models that utilize a louvered fascia meet the IESNA classification for "Cutoff." Cutoff luminaires carry the endorsement of the International Dark Sky Association (IDA) in limiting the detrimental effects of sky glow, otherwise referred to as light pollution.

DARK SKY COMPLIANT C0 Cutoff



Rio™ models that utilize a louvered fascia meet the IES classification for Cutoff.



Rio™ architectural step lights are offered with a variety of high efficiency lamp sources. Fixtures that utilize metal halide or halogen sources include specular reflector with 94% total reflectance.

METAL HALIDE

FEATURES: Produces excellent color rendition up to 95 CRI, high efficacy (lumens per watt) and superior color consistency. Rio™ architectural step lights include electronic ballast (integral) for improved fixture efficiency and performance. Compared to conventional magnetic ballasts, electronic ballasts offer 30 – 50% improvement in lumen maintenance, and overall enhancement of efficacy and operating characteristics.

APPLICATIONS: Metal halide sources best compliment concrete surfaces, light-colored masonry, foliage, and bright colored objects or surfaces.



Back box, POWER-TRAY™ and optional 20W/T4.5/G8.5 lamp.

COMPACT FLUORESCENT

FEATURES: Energy conscious with excellent lumen maintenance. Available in a variety of color temperatures to suit varying applications.

APPLICATIONS: To compliment any surface finish or environment.



Back box, POWER-TRAY™ and optional 13W/TTT/GX24-q1 lamp.

HALOGEN (12V)

FEATURES: Small, highly efficient white light source with excellent color rendering.

APPLICATIONS: Ideal for multi-purpose path, step or aisle lighting, indoors and outdoors.

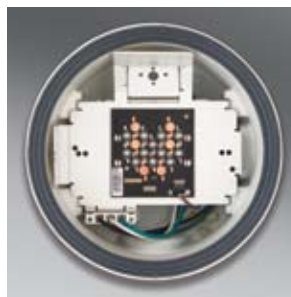


Back box, POWER-TRAY™ and optional 20W/T3/G4 lamp.

LED

FEATURES: Long life (average 50,000 hours), low operating temperatures, and low maintenance.

APPLICATIONS: High output white LED's are ideal for multi-purpose path, step or aisle lighting, indoors and outdoors.



Back box, POWER-TRAY™ and standard 12W LED lamp module.

NOTE: Lamp not included except for LED sources.

PHOTOME

LUMENS
350

1'	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.7	1.9	2.3	1.9	8.5	0.3	0.1	0.1	0.1	0.1	0.1		
2'	0.1	0.1	0.1	0.1	0.1	0.2	0.4	0.7	2.2	3.7	4.3	2.4	0.7	0.5	0.2	0.1	0.1	0.1	0.1		
3'	0.1	0.1	0.1	0.1	0.2	0.2	0.4	0.4	1.0	1.7	2.8	3.6	2.7	1.0	0.5	0.2	0.1	0.1	0.1		
4'	0.1	0.1	0.1	0.1	0.2	0.3	0.4	0.8	1.5	2.5	2.7	1.9	0.8	0.5	0.3	0.2	0.1	0.1	0.1		
5'	0.1	0.1	0.1	0.1	0.2	0.2	0.4	0.7	0.7	1.5	1.7	1.3	0.7	0.6	0.3	0.2	0.1	0.1	0.1		
6'	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.6	0.5	0.8	1.0	0.8	0.5	0.4	0.3	0.2	0.1	0.1	0.1		
7'	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.4	0.4	0.5	0.6	0.5	0.4	0.3	0.2	0.1	0.1	0.1	0.1		
8'	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.4	0.3	0.2	0.2	0.2	0.1	0.1	0.1		
9'	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1		
10'	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1		
11'	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1		
12'	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1		
13'	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1		
14'	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1		
15'	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1		
16'	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1		
17'	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1		
18'	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1		
19'	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1		
20'	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1		
	10'	9'	8'	7'	6'	5'	4'	3'	2'	1'	0	1'	2'	3'	4'	5'	6'	7'	8'	9'	10'

18" Mounting Height

LUMENS
195

1'	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.5	1.3	1.5	0.7	0.2	0.1	0.1	0.0	0.0	0.0	0.0		
2'	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.4	2	1.5	0.2	1.3	0.4	0.3	0.1	0.1	0.0	0.0	0.0		
3'	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.5	0.8	1.3	1.8	1.4	0.5	0.3	0.1	0.1	0.0	0.0	0.0		
4'	0.0	0.0	0.1	0.1	0.1	0.2	0.3	0.5	0.8	1.1	1.3	0.9	0.5	0.3	0.1	0.1	0.0	0.0	0.0		
5'	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.4	0.4	0.6	0.7	0.4	0.4	0.3	0.2	0.1	0.1	0.1	0.0		
6'	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.3	0.3	0.3	0.4	0.4	0.3	0.2	0.2	0.1	0.1	0.1	0.1		
7'	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1		
8'	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1		
9'	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1		
10'	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1		
11'	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1		
12'	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1		
13'	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1		
14'	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1		
15'	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1		
16'	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1		
17'	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1		
18'	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1		
19'	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1		
20'	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1		
	10'	9'	8'	7'	6'	5'	4'	3'	2'	1'	0	1'	2'	3'	4'	5'	6'	7'	8'	9'	10'

18" Mounting Height

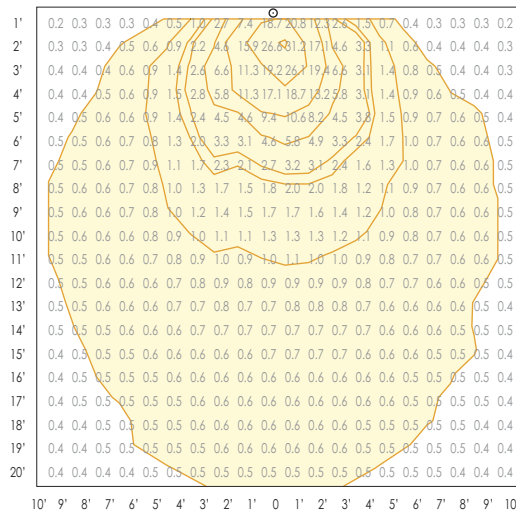
TRIC DATA

NOTES

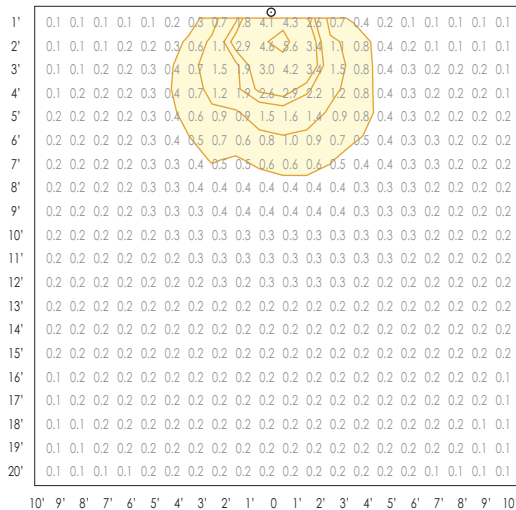
Clear lamp data shown with clear, lightly diffused fixture lens.

All values are initial footcandles.

All IES files are available at www.lumiereighting.com



18" Mounting Height



18" Mounting Height

1237-RD/SQ

SOURCE
MH20T4

TEST NO.
P10056

LAMP TYPE
CMH20/T4.5/G8.5

LUMENS
1700

1237-RD/SQ

SOURCE
CF13

TEST NO.
P10058

LAMP TYPE
CF13/TTT/GX24q-1

LUMENS
900

MOUNTING SURFACES

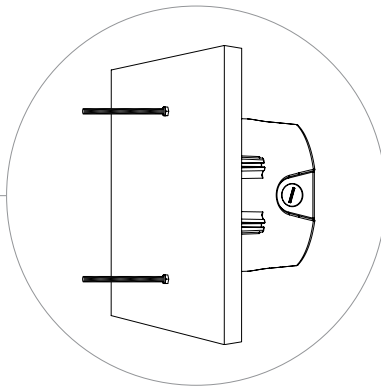
Rio™ architectural step lights were designed for use with industry standard construction materials and methods. Specify product for the specific mounting surface in which it will be installed to ensure proper application and performance. Standard mounting surfaces are concrete pour, brick/masonry or drywall.



Transitional styling, low profile design and no visible fasteners provide seamless integration with all types of architectural styles and wall surfaces.



Back box outfitted for concrete pour.

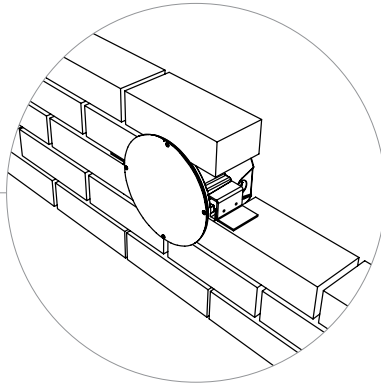


CONCRETE POUR (C)

The back box is suspended within a framework of rebar and wire to hold it in place while electrical supply lines are connected. Other means are provided to clamp the housing directly to the concrete form to help ensure a tight, flush seal. When installation is complete, the flange of the back box will be flush with the mounting surface. The back box protrudes into the finished wall 4-½".



Back box outfitted for brick/masonry.

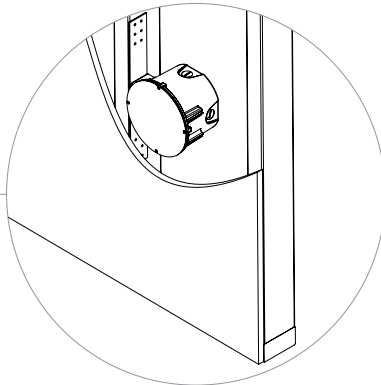


MASONRY (M)

As the brick wall is erected, the back box is stacked within the brick and mortar. Electrical supply lines must be run prior to the wall being erected unless the unit is accessible from behind. Brackets are supplied to secure unit internally to the brick. The final layers of mortar and brick are placed over the unit to complete the installation of the back box. When installation is complete, the flange of the back box will be flush with the mounting surface. The back box protrudes into the finished wall 4-½".



Back box outfitted for drywall or interior/exterior wood frame.



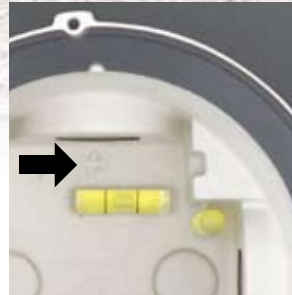
DRYWALL (D)

Rio™ architectural step lights include IP68 rated outdoor protection, but are also suitable for interior wall-mounted installation in drywall or other combustible materials. Some lamp sources are suitable for direct insulation contact (IC) - consult product specifications on pages 15, 17, 18 & 19 of this brochure for details. The back box protrudes into the finished wall 4-½".

UNTING FEATURES

UP ARROW & LEVELING VIALS

Installations that require rework due to misaligned housings can be costly to correct. Each Rio™ back box housing includes an integral UP arrow and two factory-installed level vials to ensure proper orientation and alignment of the back box. The first level vial facilitates proper horizontal alignment, while the second facilitates proper alignment to and fro, ensuring that the outer flange of the housing is parallel with the outer surface of the finished wall.



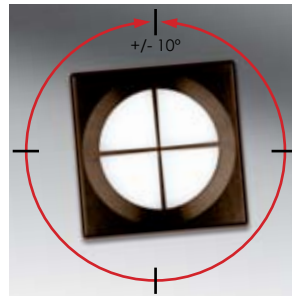
UP arrow ensures proper orientation.



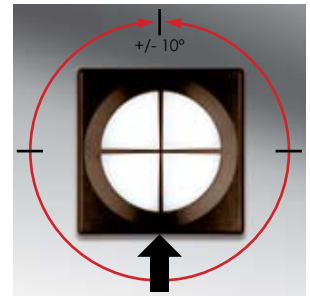
Level vials ensure proper alignment, horizontally and to & fro.

FASCIAlign™ FASCIA ALIGNMENT SYSTEM

In addition to the UP arrow and leveling vials which ensure proper orientation and alignment of the back box, Rio™ architectural step lights provide an additional level of protection against misalignment. The patent pending FASCIAlign™ fascia alignment system provides rotation of the fascia $\pm 10^\circ$ (total of 20°). This is made possible, in part, by an IP68 rated fixture seal design that is independent of the faceplate. And since there are no visible fasteners on the fascia, fastener alignment is not an issue. After the fascia is properly aligned, a single "blind" fastener locks it in place.



The FASCIAlign™ system provides rotation of the fascia $\pm 10^\circ$.



After final adjustment, a "blind" stainless steel fastener locks fascia in place.



The POWER-TRAY™ module is pre-wired and factory-assembled.



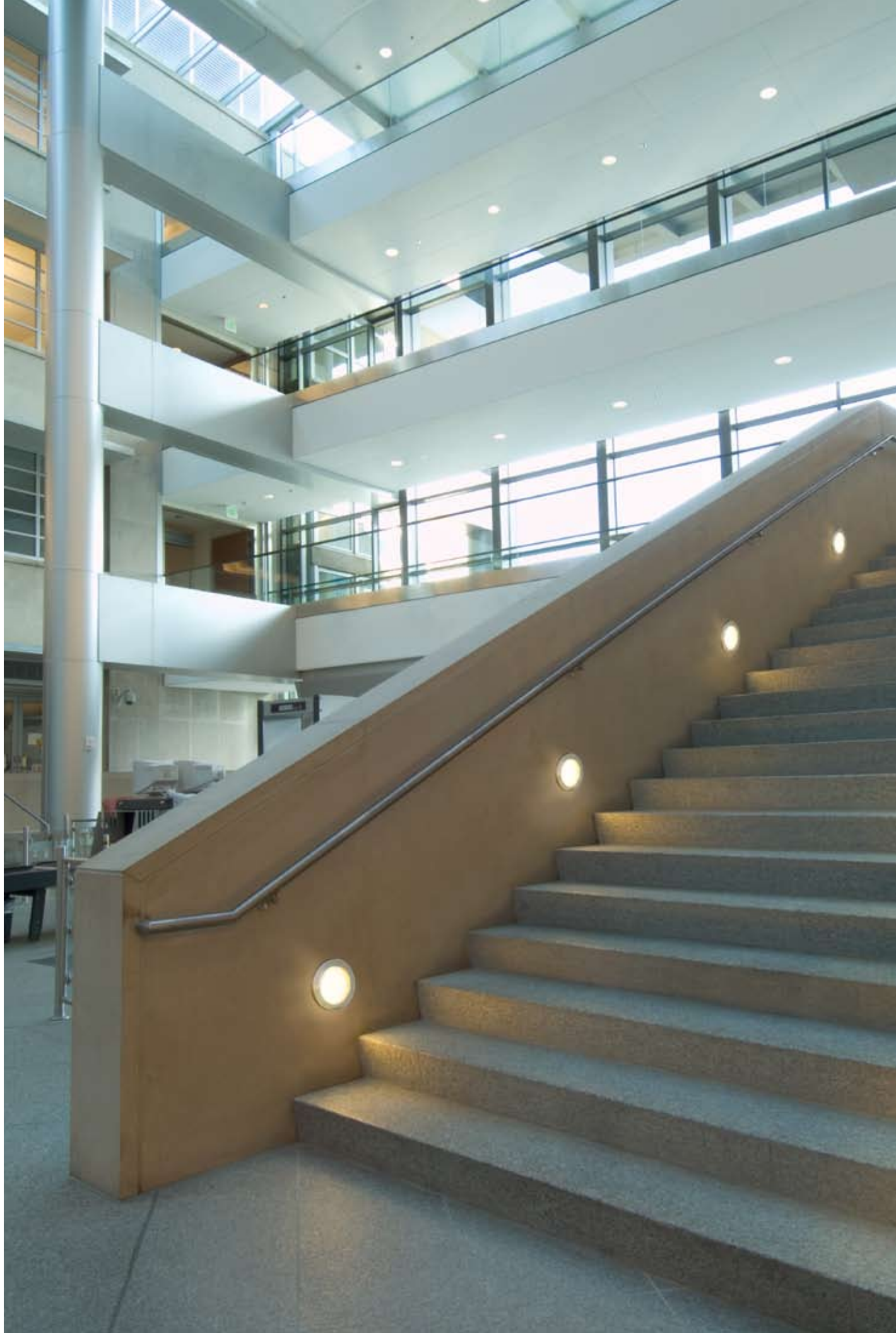
The POWER-TRAY™ module plugs directly into the back box.

POWER-TRAY™ OPTICAL / ELECTRICAL MODULE

Rio™ architectural step lights include the patent pending POWER-TRAY™ optical / electrical module. The POWER-TRAY™ module includes all optical and electrical components on a pre-wired, factory-assembled tray complete with quick disconnect module, which plugs directly into the back box. After shutting off power to the fixture, simply pull out the POWER-TRAY™ module to relamp or to access the ballast, transformer or LED driver.



The POWER-TRAY™ module makes relamping and service easy.



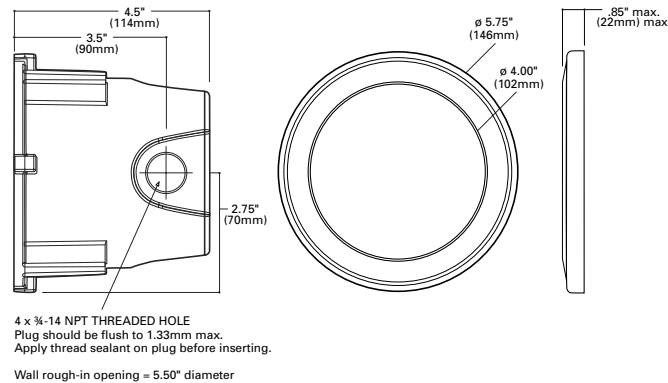
RIO 1235-RD

Architectural Step Lights 5" Round

DARK SKY COMPLIANT **CO** **ADA** **IP68** **IC**

Model 1235L-RD (louvered fascia) only

4W LED only



SPECIFICATION

DESCRIPTION

Rio™ architectural step lights provide beauty, performance and durability. Transitional styling, low profile design and no visible fasteners provide seamless integration with architectural styles of all kinds. Logical, modular design elements facilitate fast and foolproof installation in drywall, concrete pour or brick/masonry. All models include IP68 rated outdoor protection, but are also suitable for indoor wall-mounted applications. All models are ADA compliant.

CONSTRUCTION

Back box and painted fascia are die-cast from corrosion-resistant Type 383 aluminum alloy. Back box is painted white.

FINISH

Back box and painted fascia are double protected by a chromate conversion undercoating and polyester powdercoat paint finish. Machined, natural finish brass or stainless steel fascia is unpainted to reveal the natural beauty of the material.

ELECTRICAL

Fixture includes integral, electronic transformer, LED driver or ballast mounted to Lumiere's factory-assembled POWER-TRAY™ optical/electrical module. The POWER-TRAY™ module plugs directly into the back box providing fast, easy installation.

MOUNTING

Back box is available to ship in advance for rough-in purposes. Back box includes four (4) 3/4" conduit entry ports, concrete pour cover, two level vials and UP arrow to facilitate proper alignment. The FASCIAlign™ fascia alignment system allows fascia to be rotated +/- 10° (total of 20°), insuring proper alignment.

CLASSIFICATION / CODE COMPLIANCE

UL and cUL listed, standard wet label. IP68 rated. Also suitable for indoor recessed wall-mount applications. 4W LED source is IC-rated for direct insulation contact. ISO 9001 certified. IBEW union made.

WARRANTY

Materials and workmanship are warranted for three (3) years.



SAMPLE NUMBER

1 | 1235C-RD 2 | C 3 | 20T3 4 | 120/12 5 | BZ 6 | LBB

1 | MODEL

1235-RD	5" round, open fascia w/ clear diffused lens
1235C-RD	5" round, cross/guard fascia w/ clear diffused lens
1235E-RD	5" round, eyelid fascia w/ clear diffused lens
1235L-RD	5" round, louvered fascia w/ clear lens

2 | WALL TYPE

C	concrete pour
D	drywall
M	masonry

3 | SOURCE Halogen or LED

20T3	20W / T3 / G4
4LED	4W / LED (LED lamps included)

Unless noted otherwise, lamps not included

4 | VOLTS

120/12	Halogen
277/12	120/12V electronic transformer
	277/12V electronic transformer
	LED
120/12	120/12V electronic LED driver

5 | FINISH

BK	Painted black
BZ	bronze
CS	city silver
VE	verde
WT	white
	Natural Metal
NBR	brass
NSS	stainless steel

6 | OPTIONS

LBB	back box & pour cover shipped in advance
	(for back box & pour cover shipped in advance select LBB option & order back box & pour cover separately from below)
1235-BB	back box & pour cover



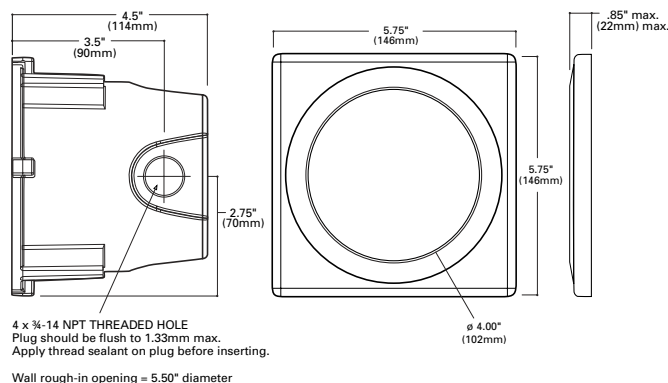
RIO 1235-SQ

Architectural Step Lights 5" Square

DARK SKY COMPLIANT **CO** **ADA** **IP68** **IC**

Model 1235L-SQ (louvered fascia) only

4W LED only



SPECIFICATION

DESCRIPTION

Rio™ architectural step lights provide beauty, performance and durability. Transitional styling, low profile design and no visible fasteners provide seamless integration with architectural styles of all kinds. Logical, modular design elements facilitate fast and foolproof installation in drywall, concrete pour or brick/masonry. All models include IP68 rated outdoor protection, but are also suitable for indoor wall-mounted applications. All models are ADA compliant.

CONSTRUCTION

Back box and painted fascia are die-cast from corrosion-resistant Type 383 aluminum alloy. Back box is painted white.

FINISH

Back box and painted fascia are double protected by a chromate conversion undercoating and polyester powdercoat paint finish. Machined, natural finish brass or stainless steel fascia is unpainted to reveal the natural beauty of the material.

ELECTRICAL

Fixture includes integral, electronic transformer, LED driver or ballast mounted to Lumiere's factory-assembled POWER-TRAY™ optical/electrical module. The POWER-TRAY™ module plugs directly into the back box providing fast, easy installation.

MOUNTING

Back box is available to ship in advance for rough-in purposes. Back box includes four (4) 3/4" conduit entry ports, concrete pour cover, two level vials and UP arrow to facilitate proper alignment. The FASCIAlign™ fascia alignment system allows fascia to be rotated +/- 10° (total of 20°), insuring proper alignment.

CLASSIFICATION / CODE COMPLIANCE

UL and cUL listed, standard wet label. IP68 rated. Also suitable for indoor recessed wall-mount applications. 4W LED source is IC-rated for direct insulation contact. ISO 9001 certified. IBEW union made.

WARRANTY

Materials and workmanship are warranted for three (3) years.



SAMPLE NUMBER

1 | 1235E-SQ 2 | D 3 | 4LED 4 | 120/12 5 | WT 6 | LBB

1 | MODEL

1235-SQ 5" square, open fascia w/ clear diffused lens
1235C-SQ 5" square, cross/guard fascia w/ clear diffused lens
1235E-SQ 5" square, eyelid fascia w/ clear diffused lens
1235L-SQ 5" square, louvered fascia w/ clear lens

2 | WALL TYPE

C concrete pour
D drywall
M masonry

3 | SOURCE

Halogen or LED
20T3 20W / T3 / G4
4LED 4W / LED (LED lamps included)
Unless noted otherwise, lamps not included

4 | VOLTS

Halogen
120/12 120/12V electronic transformer
277/12 277/12V electronic transformer
LED
120/12 120/12V electronic LED driver

5 | FINISH

Painted
BK black
BZ bronze
CS city silver
VE verde
WT white
Natural Metal
NBR brass
NSS stainless steel

6 | OPTIONS

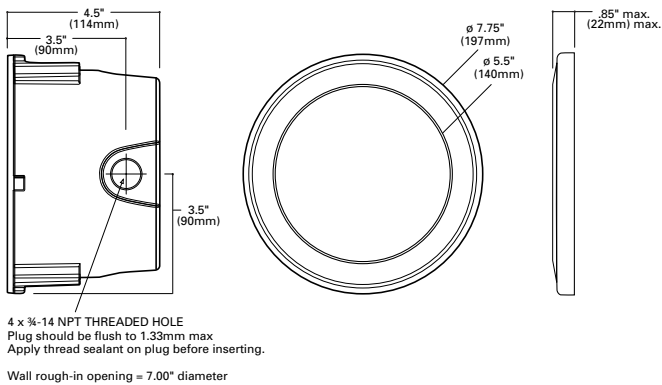
LBB back box & pour cover shipped in advance
(for back box & pour cover shipped in advance select LBB option & order back box & pour cover separately from below)
1235-BB back box & pour cover

RIO 1237-RD

Architectural Step Lights 7" Round

DARK SKY COMPLIANT  **ADA** **IP68** **IC**

Model 1237L-RD (louvered fascia) only



SPECIFICATION

DESCRIPTION

Rio™ architectural step lights provide beauty, performance and durability. Transitional styling, low profile design and no visible fasteners provide seamless integration with architectural styles of all kinds. Logical, modular design elements facilitate fast and foolproof installation in drywall, concrete pour or brick/masonry. All models include IP68 rated outdoor protection, but are also suitable for indoor wall-mounted applications. All models are ADA compliant.

CONSTRUCTION

Back box and painted fascia are die-cast from corrosion-resistant Type 383 aluminum alloy. Back box is painted white.

FINISH

Back box and painted fascia are double protected by a chromate conversion undercoating and polyester powdercoat paint finish. Machined, natural finish brass or stainless steel fascia is unpainted to reveal the natural beauty of the material.

ELECTRICAL

Fixture includes integral, electronic transformer, LED driver or ballast mounted to Lumière's factory-assembled POWER-TRAY™ optical/electrical module. The POWER-TRAY™ module plugs directly into the back box providing fast, easy installation.

MOUNTING

Back box is available to ship in advance for rough-in purposes. Back box includes four (4) 3/4" conduit entry ports, concrete pour cover, two level vials and UP arrow to facilitate proper alignment. The FASCIAlign™ fascia alignment system allows fascia to be rotated +/- 10° (total of 20°), insuring proper alignment.

CLASSIFICATION / CODE COMPLIANCE

UL and cUL listed, standard wet label. IP68 rated. Also suitable for indoor recessed wall-mount applications. All 1237 series models and lamp sources are IC-rated for direct insulation contact. ISO 9001 certified. IBEW union made.

WARRANTY

Materials and workmanship are warranted for three (3) years.



SAMPLE NUMBER

1 | 1237C-RD 2 | M 3 | MH20T4 4 | 120 5 | CS 6 | LBB

1 MODEL

1237-RD	7" round, open fascia w/ clear diffused lens
1237C-RD	7" round, cross/guard fascia w/ clear diffused lens
1237E-RD	7" round, eyelid fascia w/ clear diffused lens
1237L-RD	7" round, louvered fascia w/ clear lens

2 WALL TYPE

C	concrete pour
D	drywall
M	masonry

3 SOURCE

20T3	Halogen or LED 20W / T3 / G4
12LED	12W / LED (LED lamps included)
CF13	Compact Fluorescent 13W / triple tube / GX24q-1
MH20T4	Metal Halide 20W / T4.5 / G8.5
Unless noted otherwise, lamps not included	

4 VOLTS

120/12	Halogen 120/12V electronic transformer
277/12	277/12V electronic transformer
120/12	LED 120/12V electronic LED driver
120	Compact Fluorescent 120V electronic ballast
277	277V electronic ballast
120	Metal Halide 120V electronic ballast
277	277V electronic ballast

5 FINISH

BK	Painted black
BZ	bronze
CS	city silver
VE	verde
WT	white
NBR	Natural Metal brass
NSS	stainless steel

6 OPTIONS

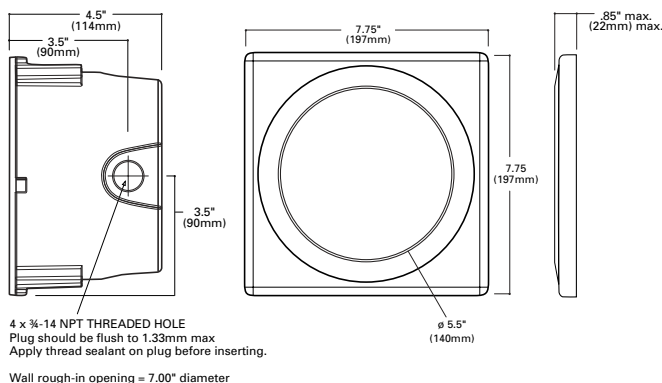
LBB	back box & pour cover shipped in advance (for back box & pour cover shipped in advance select LBB option & order back box & pour cover separately from below)
1237-BB	back box & pour cover

RIO 1237-SQ

Architectural Step Lights
7" Square

DARK SKY COMPLIANT **CO** **ADA** **IP68** **IC**

Model 1237L-SQ (louvered fascia) only



SPECIFICATION

DESCRIPTION

Rio™ architectural step lights provide beauty, performance and durability. Transitional styling, low profile design and no visible fasteners provide seamless integration with architectural styles of all kinds. Logical, modular design elements facilitate fast and foolproof installation in drywall, concrete pour or brick/masonry. All models include IP68 rated outdoor protection, but are also suitable for indoor wall-mounted applications. All models are ADA compliant.

CONSTRUCTION

Back box and painted fascia are die-cast from corrosion-resistant Type 383 aluminum alloy. Back box is painted white.

FINISH

Back box and painted fascia are double protected by a chromate conversion undercoating and polyester powdercoat paint finish. Machined, natural finish brass or stainless steel fascia is unpainted to reveal the natural beauty of the material.

ELECTRICAL

Fixture includes integral, electronic transformer, LED driver or ballast mounted to Lumiere's factory-assembled POWER-TRAY™ optical/electrical module. The POWER-TRAY™ module plugs directly into the back box providing fast, easy installation.

MOUNTING

Back box is available to ship in advance for rough-in purposes. Back box includes four (4) 3/4" conduit entry ports, concrete pour cover, two level vials and UP arrow to facilitate proper alignment. The FASCIAlign™ fascia alignment system allows fascia to be rotated +/- 10° (total of 20°), insuring proper alignment.

CLASSIFICATION / CODE COMPLIANCE

UL and cUL listed, standard wet label. IP68 rated. Also suitable for indoor recessed wall-mount applications. All 1237 series models and lamp sources are IC-rated for direct insulation contact. ISO 9001 certified. IBEW union made.

WARRANTY

Materials and workmanship are warranted for three (3) years.



SAMPLE NUMBER

1 | 1237-SQ 2 | C 3 | CF13 4 | 120 5 | BZ 6 | LBB

1 | MODEL

1237-SQ 7" square, open fascia w/ clear diffused lens
1237C-SQ 7" square, cross/guard fascia w/ clear diffused lens
1237E-SQ 7" square, eyelid fascia w/ clear diffused lens
1237L-SQ 7" square, louvered fascia w/ clear lens

2 | WALL TYPE

C concrete pour
D drywall
M masonry

3 | SOURCE

Halogen or LED
20T3 20W / T3 / G4
12LED 12W / LED (LED lamps included)
Compact Fluorescent
CF13 13W / triple tube / GX24q-1
Metal Halide
MH20T4 20W / T4.5 / G8.5
Unless noted otherwise, lamps not included

4 | VOLTS

Halogen
120/12 120/12V electronic transformer
277/12 277/12V electronic transformer
LED
120/12 120/12V electronic LED driver
Compact Fluorescent
120 120V electronic ballast
277 277V electronic ballast
Metal Halide
120 120V electronic ballast
277 277V electronic ballast

5 | FINISH

Painted
BK black
BZ bronze
CS city silver
VE verde
WT white
Natural Metal
NBR brass
NSS stainless steel

6 | OPTIONS

LBB back box & pour cover shipped in advance
(for back box & pour cover shipped in advance select LBB option & order back box & pour cover separately from below)

1237-BB back box & pour cover



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