



SQUARE LANTERN SERIES

Product Overview and Technical information >>



>>
LUMINAIRE > L21A-RR
POLE > RA61





S26A-HX

S40-RACE-CRC

S41-HX-CRA

L20-RR-CRC

L21A-SE

SQUARE LANTERN SERIES

Evoke Harmony / Philips Lumec's Square Lantern Series draws on the designs of yesteryear in order to evoke a feeling of harmony and warmth in any project. This series is another example of how Philips Lumec melds feelings of old-time luminaires with modern lighting techniques and technology. This blend of form and function makes the Square Lantern Series an excellent choice for any environment. >>





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LUMINAIRE > L21A-RR
POLE > AM6



PAST BEAUTY

Evoking a distinguished touch of yesteryear, the luminaires of the Square Lantern Series deliver an encompassing light that is warm and safe. With this series, Philips Lumec shows once again that the past and the present can, together, create an exquisite light that is decidedly current. For older neighborhoods or contemporary environments, the Square Lantern Series has it all.

PRESENT KNOW-HOW

Creating a warm and friendly ambiance with its design while at the same time offering high-end technology and photometric performance is the strength of this series of beautiful luminaires. It can compliment many settings thanks to its two sizes and its internal components assure long life, reliability, and durability.

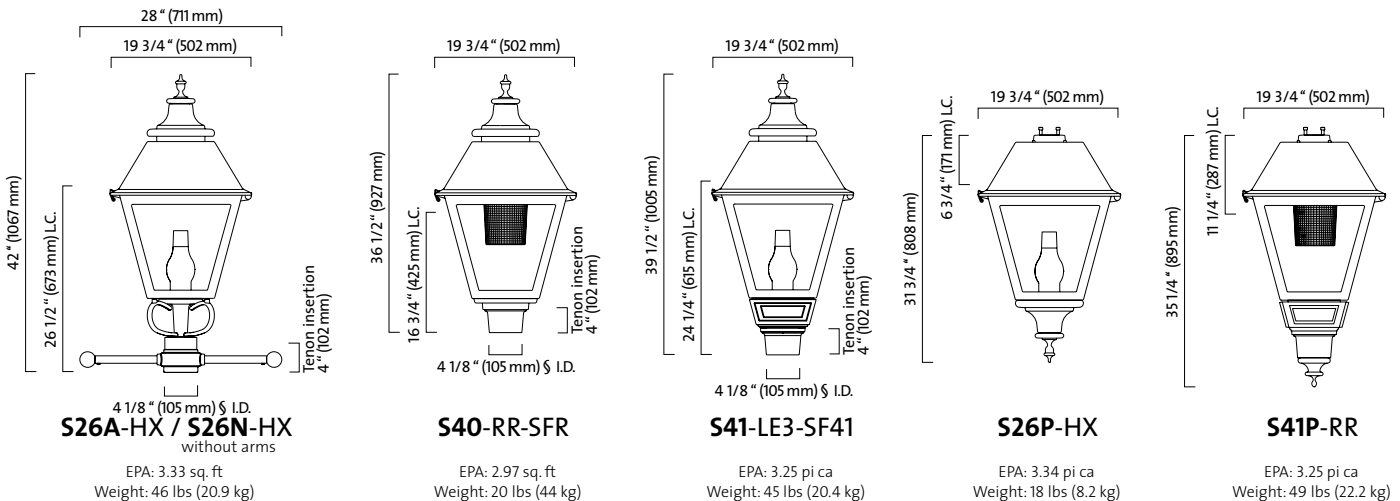


BENEFITS

- Constructed from top-quality materials, the Square Lantern Series maintains excellent performance in even the most demanding environments.
- The family is available in two sizes, offering solutions for a wide range of applications.
- Prismatic RR optics, SE cut-off reflectors, SG arc-image duplicating segmented reflectors, and the RACE optical system, are available to meet any range of lighting applications.
- The luminaire is sealed with a gasketed closure to maintain optical performance.
- A complete selection of materials and finishes are available to complement your project.

LUMINAIRES

Conform to the UL 1598 and CSA C22.2 No. 250.0-08 standards



➤ Smartseal lanterns are only available with PC-C and ACDR-C:

*PC-C : Clear polycarbonate ACDR-C : Acrylic DR

*GL-C : Clear tempered glass

* not available with LED

LAMPS / LED

LED = Philips Lumileds Luxeon R, CRI = 70, CCT = 4000K (+/- 350K)

System (LED + driver) Rated life = 100,000 hrs¹

LED light engine technical information for S26S, S26N, S26P, S40, S41, S41P

LAMP	TYPICAL DELIVERED LUMENS	TYPICAL SYSTEM WATTAGE ² (W)	TYPICAL CURRENT @ 120 V (A)	TYPICAL CURRENT @ 208 V (A)	TYPICAL CURRENT @ 240 V (A)	TYPICAL CURRENT @ 277 V (A)	LED CURRENT (mA)	HID EQUIVALENT ³	LUMINAIRE EFFICACY RATING (LM/W)	BUG RATING
35W32LED4K-R-LE2	2670	35	0.29	0.17	0.16	0.15	350	70 - 100	76.3	B1-U3-G1
35W32LED4K-R-LE3	2620	35	0.29	0.17	0.16	0.15	350	70 - 100	74.9	B1-U3-G1
35W32LED4K-R-LE4	2620	35	0.29	0.17	0.16	0.15	350	70 - 100	74.9	B1-U3-G1
35W32LED4K-R-LE5	2620	35	0.29	0.17	0.16	0.15	350	70 - 100	74.9	B2-U3-G1
55W32LED4K-R-LE2	3700	52	0.40	0.23	0.21	0.19	530	100 - 150	71.2	B1-U3-G1
55W32LED4K-R-LE3	3680	52	0.40	0.23	0.21	0.19	530	100 - 150	70.8	B1-U3-G1
55W32LED4K-R-LE4	3740	52	0.40	0.23	0.21	0.19	530	100 - 150	71.9	B1-U3-G1
55W32LED4K-R-LE5	3680	52	0.40	0.23	0.21	0.19	530	100 - 150	70.8	B2-U3-G1
55W48LED4K-R-LE2	3738	55	0.38	0.22	0.23	0.21	350	100 - 150	68.0	B1-U3-G1
55W48LED4K-R-LE3	3718	55	0.38	0.22	0.23	0.21	350	100 - 150	67.6	B1-U3-G1
55W48LED4K-R-LE4	3770	55	0.38	0.22	0.23	0.21	350	100 - 150	68.5	B1-U3-G1
55W48LED4K-R-LE5	3770	55	0.38	0.22	0.23	0.21	350	100 - 150	68.5	B2-U3-G1
80W48LED4K-R-LE2	5510	79	0.63	0.36	0.34	0.31	530	150 - 175	69.7	B2-U3-G2
80W48LED4K-R-LE3	5480	79	0.63	0.36	0.34	0.31	530	150 - 175	69.4	B2-U3-G2
80W48LED4K-R-LE4	5300	79	0.63	0.36	0.34	0.31	530	150 - 175	67.1	B2-U3-G2
80W48LED4K-R-LE5	5300	79	0.63	0.36	0.34	0.31	530	150 - 175	67.1	B3-U3-G2

¹ L70 = 100,000 HRS (AT AMBIENT TEMPERATURE = 25°C AND FORWARD CURRENT = 700 mA)

² SYSTEM WATTAGE INCLUDES THE LAMP AND THE LED DRIVER.

³ EQUIVALENCE SHOULD ALWAYS BE CONFIRMED BY A PHOTOMETRIC LAYOUT.

NOTE : DUE TO RAPID AND CONTINUOUS ADVANCES IN LED TECHNOLOGY, LED LUMINAIRE DATA IS SUBJECT TO CHANGE WITHOUT NOTICE AND AT THE DISCRETION OF PHILIPS.

Philips Lumec reserves the right to substitute materials or change the manufacturing process of its products without prior notification.
For the latest updates go to WWW.PHILIPS.COM/LUMEC.

LAMPS / LED

VOLTAGE

120 / 208 / 240 / 277

OPTICAL SYSTEMS / LED



Globe

IP66 rated optical system, composed of individual pre-oriented lens to achieve desired distribution, assembled with the globe permanently sealed onto the lower part of the heat sink.

LE2: Asymmetrical
LE3: Asymmetrical
LE4: Asymmetrical
LE5: Symmetrical (square)
 > House shield available in option (HS)

* Photometry available on Philips Lumec web site www.philips.com/lumec.

LAMPS / HID

OPTICAL SYSTEMS /

S26 / S26P / S40 / S41 / S41P

(Lamps not included)

WATTAGE	S26A/S26N/S40/S41/S41P			S41-GL		
	RACE3 RACE3D RACE5	RR3 RR3MD RR5	HX3 HX5	RACE3 RACE3D RACE5	RR3 RR3MD RR5	HX3 HX5
50 MH, medium	✓	✓	✓	✓	✓	✓
70 MH, medium	✓	✓	✓	✓	✓	✓
100 MH, medium	✓	✓	✓	✓	✓	✓
150 MH, medium	✓	✓	✓	✓	✓	✓
200 MH, mogul	RB	N/A	RB	✓	N/A	✓
35 HPS, medium	✓	✓	✓	✓	✓	✓
50 HPS, mogul	✓	✓	✓	✓	✓	✓
70 HPS, mogul	✓	✓	✓	✓	✓	✓
100 HPS, mogul	✓	✓	✓	✓	✓	✓
150 HPS, mogul	✓	✓	✓	✓	✓	✓
200 HPS, mogul	RB	N/A	RB	✓	N/A	✓
250 HPS, mogul	RB	N/A	RB	✓	N/A	✓
250 PSMH, mogul	RB	N/A	RB	✓	N/A	✓

✓ : Available N/A : Not available RB : Remote Ballast Required



HX Optics

Sealed optical chamber consisting of a hydroformed reflector permanently assembled on the globe.

HX3: Asymmetrical
HX5: Symmetrical
 > House shield available in option (HS)



RR Optics

Round borosilicate refractor.

RR5: Symmetrical
RR3: Asymmetrical
RR3MD: Asymmetrical with deflector



RACE Optics

Round acrylic (max. 100w) or borosilicate (150w and more) refractor with segmented uplight recovery dome.

RACE3: Asymmetrical
RACE5: Symmetrical
RACE3D: Asymmetrical with deflector

* Photometry available on Philips Lumec web site www.philips.com/lumec.

CosmoPolis™ / new generation of ceramic metal halide lamp

WATTAGE	S26A/S26N/S40/S41		
	RACE3 RACE3D RACE5	RR3 RR3MD RR	HX3 HX5
60 CW	✓	✓	✓
90 CW	✓	✓	✓
140 CW ¹	✓	✓	✓

✓ : Available 1: Not available with 120 volts

VOLTAGE

DHI¹: 120 / 208 / 240 / 277 / 347 / 480

CosmoPolis™: 120 / 208 / 240 / 277

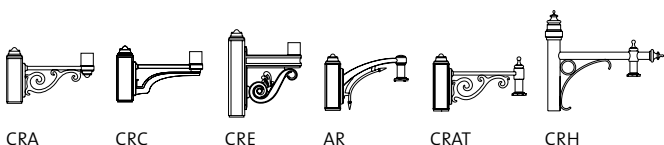
¹ Multi-top ballast also available.

LUMINAIRE OPTIONS

HS House shield
 (with HX only)

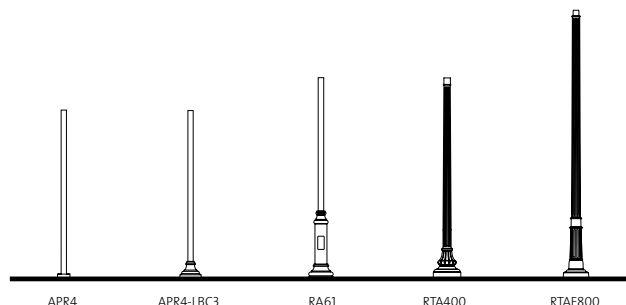
MOUNTINGS

(Consult the Pole Guide for details and the complete line of mountings)



POLES AND POLE OPTIONS

(Consult the Pole Guide for details and the complete line of poles)



FINISHES

(Consult Philips Lumec's Color Chart for complete specifications)

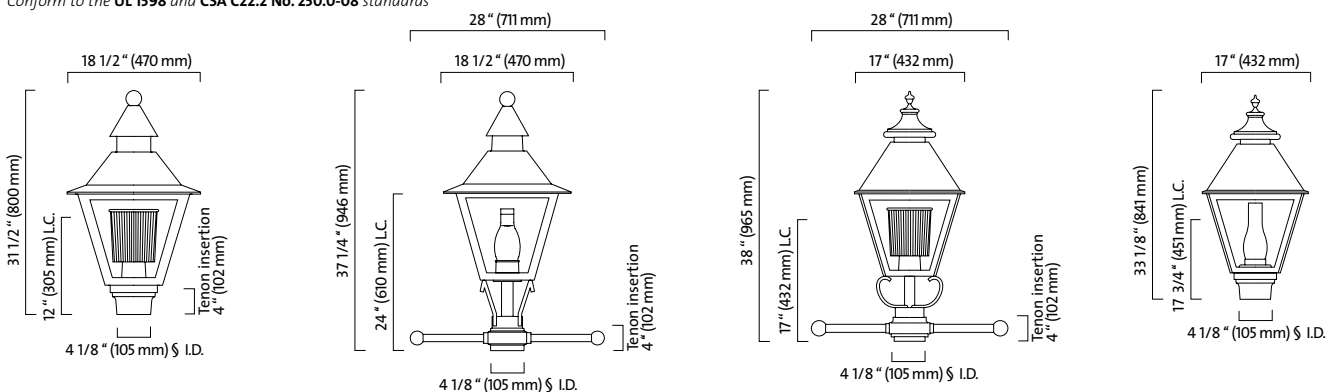
The specially formulated **Lumital** powder coat finish is available in a range of many standard colors.

ORDERING SAMPLE

LUMINAIRE	LAMP	OPTICAL SYSTEM	VOLTAGE	MOUNTING & CONFIGURATION	POLE	FINISH
S40-ACDR	100 MH	HX3	120	SFR-CRC-2	RTA900-15	BKTX

LUMINAIRES

Conform to the **UL 1598** and **CSA C22.2 No. 250.0-08** standards



L20-RR-SFR

EPA: 2.14 sq. ft
Weight: 36 lbs (16.3 kg)

L21A-SE / L21N-SE

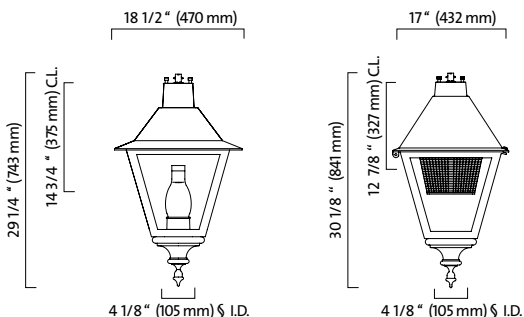
sans bras décoratif
SEP: 2.46 sq. ft
Weight: 50 lbs (22.7 kg)

L26SA-RR / L26NA-RR

sans bras décoratif
SEP: 2.69 sq. ft
Weight: 50 lbs (22.7 kg)

L40S-SE-SFR

SEP: 2.33 sq. ft
Weight: 47 lbs (21.3 kg)



L20P-SE

EPA: 2.41 sq. ft
Weight: 36 lbs (16.3 kg)

L26SP-RACE

EPA: 1.86 sq. ft
Weight: 50 lbs (22.7 kg)

> These lanterns are available with the following lens finishes:

PC-C : Clear polycarbonate

GL-C : Clear tempered glass

LAMPES / HID

WATTAGE	L20/L21/L20P			L26SA/L26SN/L26SP				L40S		
	RACE3 RACE3D RACE5	RR3 RR3MD RR5	SE3 SE5	RACE3 RACE3D RACE5	RR3 RR3MD RR5	SE3 SE5	SG1 SG2 SG3 SGFM SGQ	RACE3 RACE3D RACE5	RR3 RR3MD RR5	SE3 SE5
50 MH, medium	RB	✓	RB	✓	✓	RB	RB	RB	✓	RB
70 MH, medium	RB	✓	RB	✓	✓	RB	RB	RB	✓	RB
100 MH, medium	RB	✓	RB	✓	✓	RB	RB	RB	✓	RB
150 MH, medium	RB	✓	RB	RB	✓	RB	RB	RB	✓	RB
200 MH, mogul	N/A	N/A	N/A	N/A	N/A	N/A	N/A	RB	N/A	RB
35 HPS, medium	RB	✓	RB	✓	✓	RB	RB	RB	✓	RB
50 HPS, mogul	RB	✓	RB	✓	✓	RB	RB	RB	✓	RB
70 HPS, mogul	RB	✓	RB	✓	✓	RB	RB	RB	✓	RB
100 HPS, mogul	RB	✓	RB	✓	✓	RB	RB	RB	✓	RB
150 HPS, mogul	RB	✓	RB	RB	✓	RB	RB	RB	✓	RB
200 HPS, mogul	N/A	N/A	N/A	N/A	N/A	N/A	N/A	RB	N/A	RB
250 HPS, mogul	N/A	N/A	N/A	N/A	N/A	N/A	N/A	RB	N/A	RB
250 PSMH, mogul	N/A	N/A	N/A	N/A	N/A	N/A	N/A	RB	N/A	RB

✓ : Available N/A : Not available RB : Remote Ballast Required

OPTICAL SYSTEMS /

L20 / L21 / L26S/ L40S

(Lamps not included)



RR Optics

Round borosilicate refractor.

RR5 : Asymmetrical
RR3 : Asymmetrical
RR3MD : Asymmetrical with medium deflector



SE Optics

Hydro-formed cut-off reflector system set in faceted arc-image duplicating patterns

SE5 : Symmetrical
SE3 : Asymmetrical

> House shield available in option (HS)



RACE Optics

Round acrylic (max. 100w) or borosilicate (150w and more) refractor with segmented upright recovery dome.

RACE3 : Asymmetrical
RACE5 : Asymmetrical
RACE3D : Asymmetrical with medium deflector



Optique SG

(NOT AVAILABLE IN L20 AND L21)

Segmented cut-off reflector system set in faceted arc-image duplicating patterns.

SGQ : Asymmetrical
SG1 : Asymmetrical
SG2 : Asymmetrical with deflector
SG2 : Asymmetrical
SGFM : Forward throw

> House shield available in option (HS)

Add ACDR or GL suffix to optical system code

* Photometry available on Philips Lumec web site www.philips.com/lumec.

VOLTAGE

120 / 208 / 240 / 277 / 347 / 480

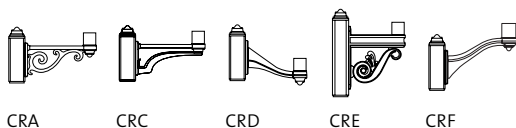
> Multi-top ballast also available.

LUMINAIRE OPTIONS

HS House shield
(only with SE and SG)

MOUNTINGS

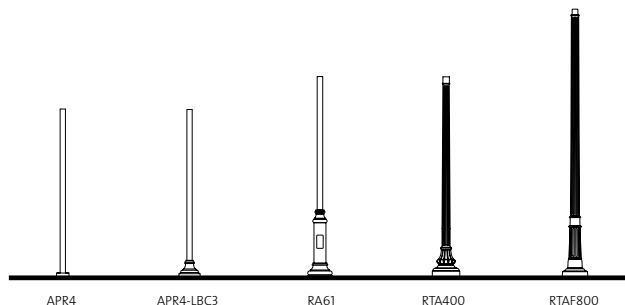
(Consult the Pole Guide for details and the complete line of mountings)



CRA CRC CRD CRE CRF

POLES AND POLE OPTIONS

(Consult the Pole Guide for details and the complete line of poles)



APR4 APR4-LBC3 RA61 RTA400 RTAF800

FINISHES

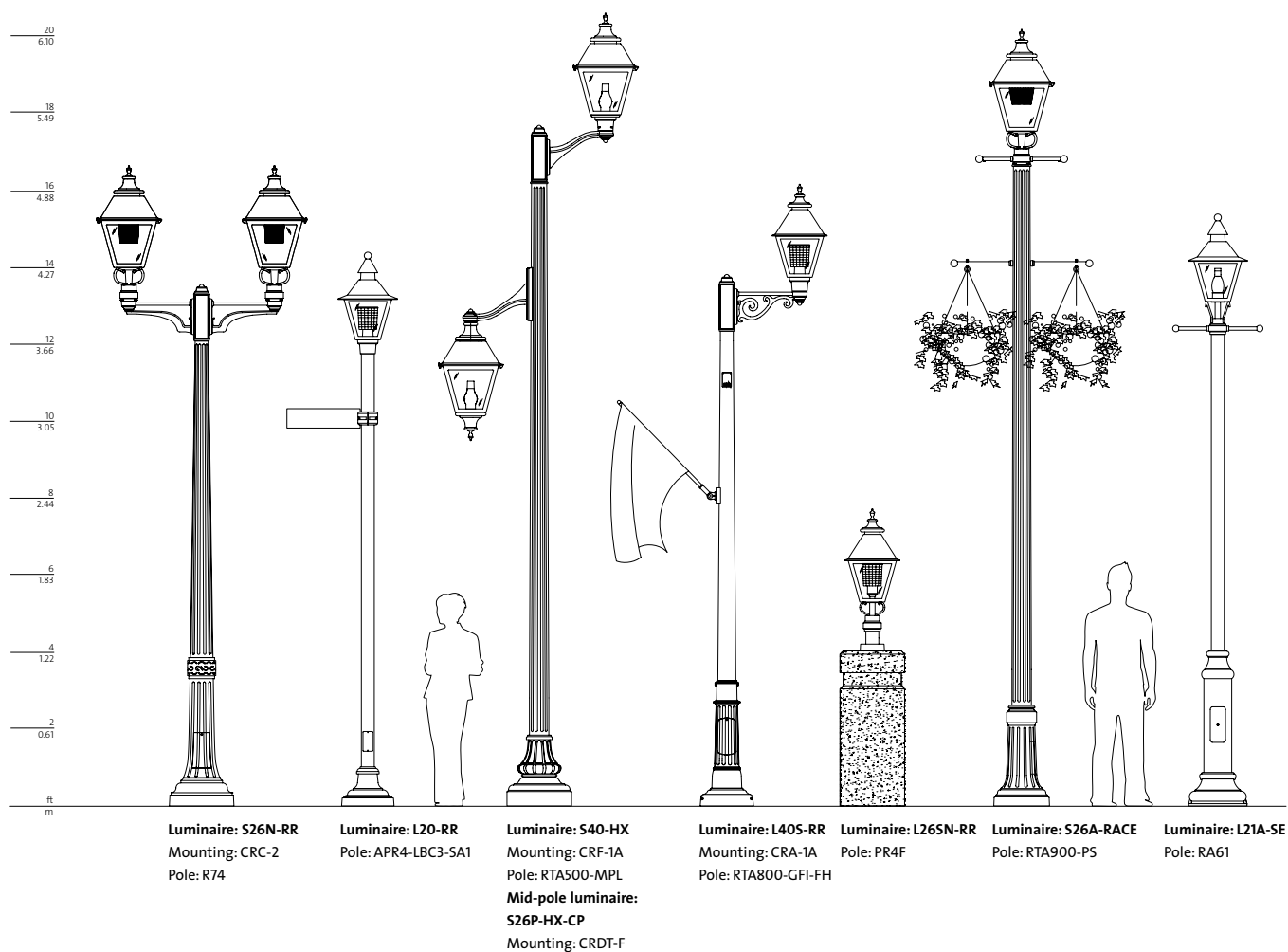
(Consult Philips Lumec's Color Chart for complete specifications)

The specially formulated Lumital powder coat finish is available in a range of many standard colors.

ORDERING SAMPLE

LUMINAIRE	LAMP	OPTICAL SYSTEM	VOLTAGE	OPTIONS	MOUNTING & CONFIGURATION	POLE	FINISH
L20-PCC	100 MH	SE3	120	HS	SFR-CR1-1A	R80-12	BKTX

ASSEMBLY EXAMPLES





>>
LUMINAIRE > S26A-HX-LF
POLE > CUSTOM



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