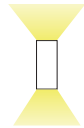


Rook X

2" Exterior Wall Mounted Cylinder
- Up/Down Light



Up/Down Light (RKX-UD)



Features

The Rook X family of small scale architectural exterior cylinders includes wall mounted fixtures in either a dual output (Up/Down) light, or a single (Up or Down) configurations. An integral driver and a smooth, seamless body allow the fixture to fit in a wide variety of commercial, hospitality, retail and high end residential applications both Indoor or Outdoor in Wet Locations. Various optical accessories, beam shaping films or a hexcell louver can be changed or added in the field.

Product Overview

- Type: Exterior Wall Mount, Up/Down
- Wattage: 25W
- Color Temp: 2700K, 3000K, 3500K, 4000K
- CRI: 83 typ. or 90+ typ.
- Dimming: Integrated driver with 3 dimming protocols is standard (TRIAC & ELV or 0-10V), 120-277V
- Operating Temp: -40° to +40° C

PROJECT:

TYPE:

Performance Chart

Distribution	Spot 15°	Narrow Flood 22°	Flood 28°	Wide Flood 45°	Very Wide Flood 71°
Upward	1096	1040	1020	1012	866
Downward	1054	1001	980	974	833
Total	2150	2041	2000	1986	1699

Data shown for 3000K, 80 CRI. For other CCT and CRI options see pg 5.

Electrical Data

Voltage	System Watts	Amps
Rook X Up/Down (UD)		
120V	25	0.20
277V	25	0.09

Electronic constant current LED driver

Max. Fixture Weight

Weight (lbs)
2.6



Rook X

2" Exterior Wall Mounted Cylinder
Up/Down Light



PROJECT:

TYPE:

Ordering Information



- 1** Model
RKX-UD (up/down, 25W)
- 2** Finish
Standard Colors
ABZ - architectural bronze
BLK - smooth satin black

Premium Colors
SDS - stardust silver
TBK - textured black
WHT - white

RAL or custom colors available (consult factory)
- 3** Beam Spread

UP	DOWN
SP - spot, 15°	SP - spot, 15°
NF - narrow flood, 22°	NF - narrow flood, 22°
MFL - medium flood, 25°	MFL - medium flood, 25°
FL - flood, 31°	FL - flood, 31°
WF - wide flood, 45°	WF - wide flood, 45°
VWF - very wide flood, 71°	VWF - very wide flood, 71°
LS6020 - linear spread, 60°x20°	LS6020 - linear spread, 60°x20°
LS9060 - linear spread, 90°x60°	LS9060 - linear spread, 90°x60°
- 4** Color Temp
83 CRI **90+ CRI**
27 - 2700K-83 **279** - 2700K-90+
30 - 3000K-83 **309** - 3000K-90+
35 - 3500K-83 **359** - 3500K-90+
40 - 4000K-83 **409** - 4000K-90+
- 5** Accessories
HEX-U/D - hexcell louver in both upward and downward light source
HEX-U - hexcell louver in only upward light source
HEX-D - hexcell louver in only downward light source

Ordering Information for additional or replacement optical films

Luminaire Optics			Secondary Optic Information (Films)	
Optic	Nominal Distribution	Description	Part # for Secondary Optics	Description
SP	15	Spot	NA	Standard Optic
NF	22	Narrow Flood	665-0050-1	10° Optical Film
FL	28	Flood	665-0047-7	15° Optical Film
WF	45	Wide Flood	665-0052-1	30° Optical Film
VWF	71	Very Wide Flood	665-0054-1	60° Optical Film
LS-60x20	60x20	Asymmetric	665-0062-01	60° x 20° Optical Film
LS-90x60	90x60	Asymmetric	665-0063-04	90° x 60° Optical Film
Multiple	Multiple	Kit with all options	301-14781	All above included
All	NA	Film Mounting Ring	607-0386	Mounting Ring for Film

Part #'s above are used to order additional or replacement films.
When specifying the original configuration the optic is already included.

Rook X

2" Exterior Wall Mounted Cylinder
Up/Down Light



PROJECT:

TYPE:

Specifications

Application

Commercial, hospitality, retail and high end residential exterior wall mounted fixtures

Construction

Extruded aluminum housing
Die-cast neck and wall plate
Extruded aluminum heat sink
Machined aluminum bezel and top plate

Optical

Amerlux Designed TIR optical system

Beam Spreads: Spot 15°, Narrow Flood 22°

Medium Flood 25°, Flood 31°, Wide Flood 45°

Very Wide Flood 71°, Linear Spread Lens 60° x 20°, 90° x 60°

LED

Color Temp Options: 2700K, 3000K, 3500K, 4000K

CRI: 83 typ. or 90+ typ.

R9 Values: 11 (83 CRI), 55 (90+ CRI)

Binning: 3 MacAdam (SDCM)

Life: 50,000+ hrs, > 70% of initial lumens at 50,000 hrs

Electrical

Wattage: 25W

Electronic constant current LED driver, 120V-277V input

This product complies with IEEE C62.41 for surge endurance up to 2.5KV. Amerlux® recommends using additional surge protection with this unit (supplied by others), surge and over voltage damage is not covered under warranty.

Driver

Integrated driver with 3 built in dimming protocols is standard (TRIAC, ELV or 0-10V)

TRIAC / ELV dimming at 120V only (dimming to 1%)

0-10V dimming at 120V or 277V (dimming to 2%)

Finish

UV resistant polyester powder coat

Mounting

Stainless steel wall mounted bracket

Certifications

CSA listed for wet location

Warranty

5 year limited warranty

Rook X

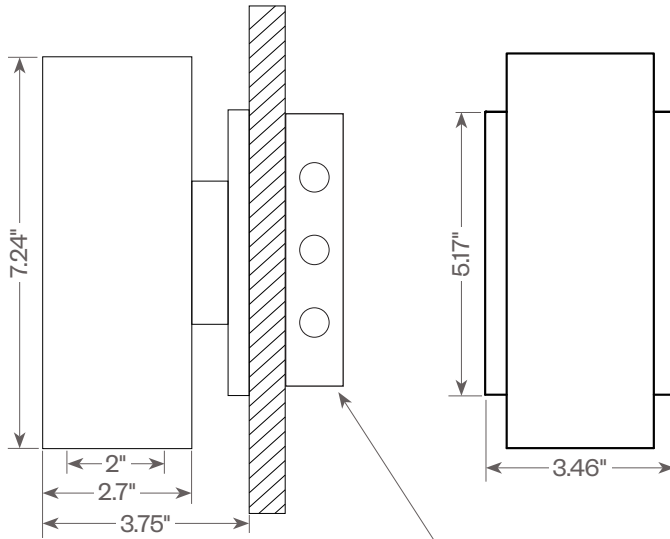
2" Exterior Wall Mounted Cylinder
Up/Down Light



PROJECT:

TYPE:

DIMENSIONS



Note: Single gang electrical box required and supplied by others (weatherproof or standard single switch type). Check local codes for suitability.

Rook X 2" Exterior Wall Mounted Cylinder

Up/Down Light



PROJECT:

TYPE:

FIXTURE DATA: (Complete photometric data (.ies format) available upon request)

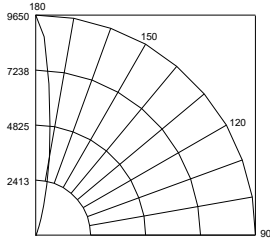
MULTIPLYING FACTORS: (Multiplying Factor is based on 3000K-83 120V IES file on website)

CCT:	2700K-83	3000K-83	3500K-83	4000K-83
Factor:	0.96	1.0	1.02	1.04

CCT:	2700K-90+	3000K-90+	3500K-90+	4000K-90+
Factor:	0.80	0.83	0.87	0.90

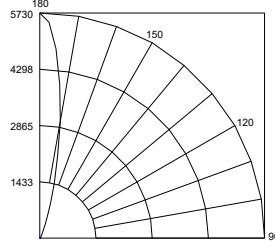
Polar Plot for Up

Spot (SP) Distribution, 15°
Lumens: 1096



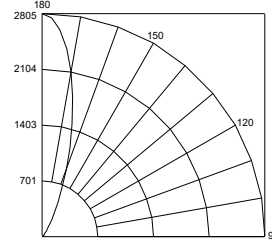
Deg	Candela
180	9650
175	6665
165	1347
155	161
145	61
135	21

Narrow Flood (NF) Distribution, 22°
Lumens: 1041



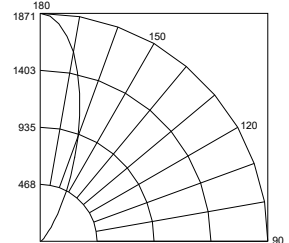
Deg	Candela
180	5730
175	4843
165	1455
155	244
145	74
135	33

Flood (FL) Distribution, 31°
Lumens: 1020



Deg	Candela
180	2805
175	2610
165	1470
155	484
145	123
135	45

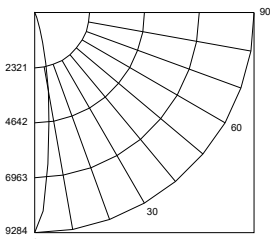
Wide Flood (WF) Distribution, 45°
Lumens: 1012



Deg	Candela
180	1871
175	1791
165	1257
155	595
145	198
135	65

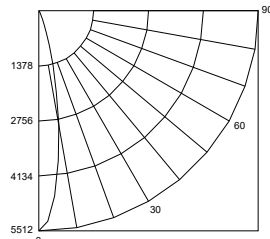
Polar Plot for Down

Spot (SP) Distribution, 15°
Lumens: 1054



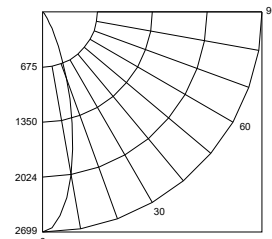
Deg	Candela
0	9284
5	6412
15	1296
25	155
35	59
45	20

Narrow Flood (NF) Distribution, 22°
Lumens: 1001



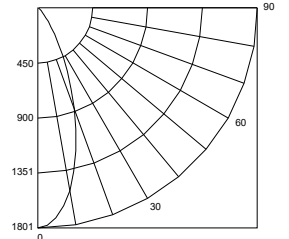
Deg	Candela
0	5512
5	4657
15	1399
25	235
35	71
45	31

Flood (FL) Distribution, 31°
Lumens: 980



Deg	Candela
0	2699
5	2511
15	1414
25	466
35	119
45	44

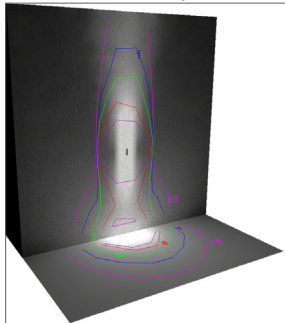
Wide Flood (WF) Distribution, 45°
Lumens: 974



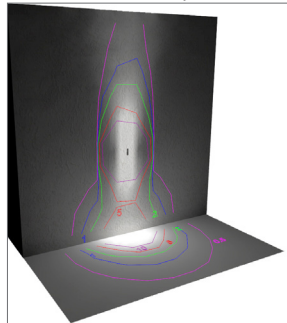
Deg	Candela
0	1801
5	1724
15	1210
25	573
35	191
45	62

Application Data:

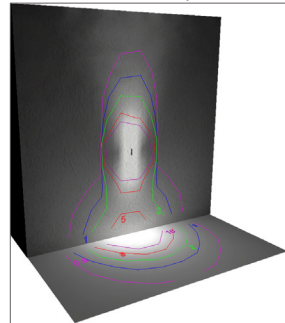
Spot (SP) Distribution, 15°



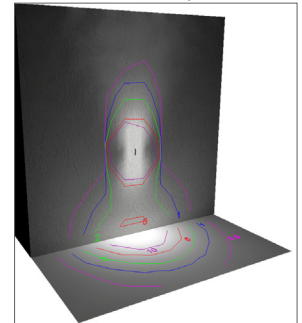
Narrow Flood (NF) Distribution, 22°



Flood (FL) Distribution, 31°



Wide Flood (WF) Distribution, 45°



Color	I Value
Blue	0.5
Green	1
Yellow	2
Red	5
Purple	10

Rook X

2" Exterior Wall Mounted Cylinder
Up/Down Light



PROJECT:

TYPE:

DIMMING COMPATIBILITY:

Amerlux® Rook fixtures are compatible with most major dimming protocols prevalent in the United States. Please see below for general compatibilities and wiring diagrams. Amerlux recommends testing your unique dimming configuration as the exact full configuration (Dimmer, Fixture Quantity, Voltage, etc) may affect dimming performance.

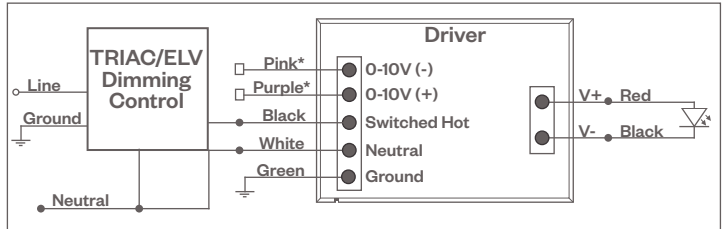
--- NOTE: INFORMATION BELOW IS FOR WIRED DIMMERS ONLY. FOR WIRELESS DIMMERS, CONSULT FACTORY ---

TRIAC (Forward Phase) DIMMING (Standard) or ELV - Electronic Low Voltage (Reverse Phase) DIMMING (Standard)

Notes:

- TRIAC/ELV dimming at 120V only (dimming to 1%)
- Consult Dimming manufacturer for installation instructions - DO NOT SHARE NEUTRALS!
- Must meet dimmer Minimum Load Requirements per dimming manufacturer

TRIAC or ELV Wiring Diagram



* Pink & Purple wires are not used for TRIAC/ELV dimmer.

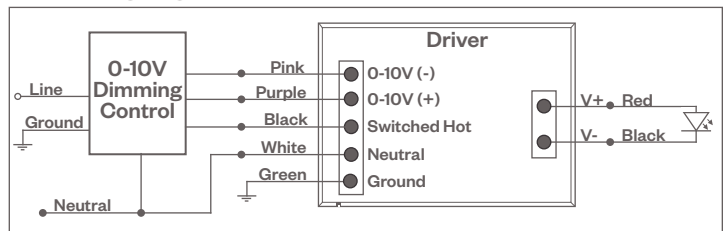
0-10V - DIMMING (-0-10V Option)

Integrates into a variety of building management and daylighting controls

Notes:

- 0-10V dimming at 120V or 277V (dimming to 2%)
- Requires interface to turn off power to driver
- Consult Dimming manufacturer for installation instructions - DO NOT SHARE NEUTRALS!

0-10V Wiring Diagram



Notes:

- * Driver is 277V dimmable with appropriate dimmer (by others). All provided wiring diagrams show 120V wiring colors and method. Please refer to 277V dimmer installation instructions for 277V wiring diagrams.
- † The absence of a dimmer from the lists above does not imply incompatibility. Please consult factory for compatibility inquiries.