

rovia™

RI | DIRECT/INDIRECT LUMINAIRE

OVERVIEW

Lumens

Delivers up to 28,000 lumens (88+ LPW)

CRI

80+

CCT

2700K, 3000K, 3500K, 4000K, 5000K

Voltage

120-277V

Dimming

0-10V dimming standard

Operating Temperature

-26°F to +110°F
(-32°C to +43°C)


Projected Lifetime

>100,000 Hours (L70);
>80,000 Hours (L80)

Standard Finishes

Matte
White

Gloss
White

 Custom colors available.

Mounting

Aircraft or Mono-Point Cable



The Rovia™ Direct/Indirect interior luminaire offers versatile form and mounting options, with straight or mono-point cable choices. Its minimalist, modern design enhances aesthetics in various spaces such as offices, lobbies, retail, schools, libraries, and themed environments.

Features

- Wide range of diameters from 2' to 5' in diameter, catering to diverse spatial needs.
- White acrylic diffuser lens ensures gentle, ambient illumination, optimizing visual comfort.
- Robust construction: two-piece, die-formed, spun aluminum housing ensures durability and longevity.
- Aesthetic flexibility: standard Gloss or Textured White finishes complement various design schemes, with the option for custom colors to match unique aesthetics.
- Suspended by aircraft cables or mono-point installation, offering versatile mounting solutions tailored to different architectural requirements and preferences.
- Advanced electrical performance: Power Factor > 0.90 and Total Harmonic below 20% ensure efficient and reliable operation, promoting energy savings and minimizing electrical disturbances.

BUILD WORKSHEET

Contact sales representative to order.

Sample Code: RI5HH40FUMAEX

RI						F	U			
1	2	3	4	5	6	7	8	9	10	

CODE DEFINITIONS

1. SERIES*	2. DIAMETER	3. OUTPUT DOWN*	4. OUTPUT UP*	5. CCT	6. LENS
RI Rovia™ Direct/ Indirect	2 2FT 3 3FT 4 4FT 5 5FT	L Low M Mid H High	L Low M Mid H High	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	F White Acrylic Diffuser

7. VOLTAGE	8. FINISH	9. MOUNTING X = Cable Length ²	10. OPTION
U 120-277V	M Matte White G Gloss White CC Custom color code provided on item number later ¹	Ax Aircraft Cable Mx Mono-Point Cable	X None E Emergency ³

* See Page 3 for output information.

¹ Consult with sales representative for custom finishes and lead time.

² See Mounting Length Code below.

³ 2FT = 8W EM, 3FT and Larger = 16W EM.

⁴ 5 Year Warranty is Standard unless specified.

MOUNTING LENGTHS

AIRCRAFT CABLE		MONO-POINT CABLE	
Code	Length	Code	Length
AA	24"	MA	24"
AB	48"	MB	48"
AC	60"	MC	60"
AD	72"	MD	72"
AE	96"	ME	96"
AF	120"	MF	120"
AG	150"	MG	150"
AH	180"	MH	180"
AI	240"	MI	240"



Aircraft Cable



Mono-Point Cable

10 YR Warranty Available ⁴	BAA Compliant Available
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Project:	_____
Catalog #:	_____
Quantity:	_____ Date: _____

WATTAGE/LUMEN CHART*

Lumen outputs shown are for 5000K.

Direct (Downlight)

Size	2FT	3FT	4FT	5FT
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LOW

Wattage	40W	80W	115W	155W
Lumens	3520	7040	10120	13640

MID

Wattage	55W	100W	135W	175W
Lumens	4840	8800	11880	15400

HIGH

Wattage	80W	120W	155W	175W
Lumens	7040	10560	13640	17160

Indirect (Uplight)

Size	2FT	3FT	4FT	5FT
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LOW

Wattage	20W	40W	80W	115W
Lumens	1760	3520	7040	10120

MID

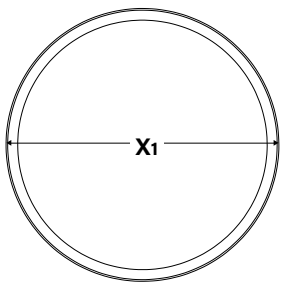
Wattage	25W	55W	100W	135W
Lumens	2200	4840	8800	11880

HIGH

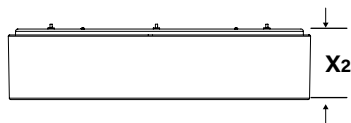
Wattage	40W	100W	120W	155W
Lumens	3520	8800	10560	13640

*For other color temps, use the following lumen factors: 4000K: 0.90 • 3500K: 0.80 • 3000K: 0.75

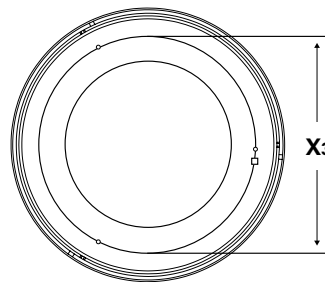
DIMENSIONS



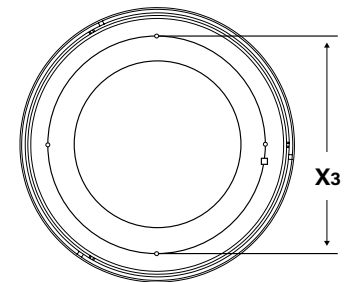
Bottom



Side



Top
2^{FT} / 3 Point Mounting



Top
3^{FT}, 4^{FT}, 5^{FT} / 4 Point Mounting

Size	2FT	3FT	4FT	5FT
Diameter - X1	26.4"	36.2"	47.2"	59"
Height - X2	4.8"	4.8"	5.1"	5.2"
Mounting - X3	7.3"	8.5"	8.7"	9.1"
Weight (lbs)	55	85	110	135

KEY	
	Power Feed
	Mounting

PHOTOMETRICS

Coefficients of Utilization
Effective Floor Cavity Reflectance: 20%

RC RW	80				70				50			30			10			0
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	109	109	109	109	102	102	102	102	88	88	88	76	76	76	64	64	64	59
1	100	95	91	88	93	89	86	82	77	75	72	67	65	63	57	55	54	49
2	91	83	77	71	84	78	72	67	68	63	60	58	55	52	50	47	45	41
3	83	73	65	59	77	68	62	56	59	54	50	51	47	44	44	41	38	35
4	75	64	56	50	70	60	53	47	53	47	42	46	41	38	39	36	33	30
5	69	57	49	43	64	54	46	41	47	41	37	41	36	33	35	31	29	26
6	64	51	43	37	59	48	41	35	42	36	32	37	32	28	32	28	25	22
7	59	46	38	32	55	44	36	31	38	32	28	34	29	25	29	25	22	20
8	55	42	34	29	51	40	32	27	35	29	25	31	26	22	27	23	20	18
9	51	38	31	26	47	36	29	24	32	26	22	28	23	20	24	21	18	16
10	48	35	23	23	44	33	27	22	30	24	20	26	21	18	23	19	16	14

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-20	2144.45	7.60
0-30	4556.08	16.10
0-40	7466.38	26.40
0-60	13212.98	46.70
0-80	16349.7	57.80
0-90	16620.69	58.80
10-90	16065.9	56.80
20-40	5321.93	18.80
20-50	8344.03	29.50
40-70	7789.1	27.50
60-80	3136.73	11.10
70-80	1094.22	3.90
80-90	270.99	1.00
90-110	946.11	3.30
90-120	2380.52	8.40
90-130	4290.72	15.20
90-150	8454.26	29.90
90-180	11652.32	41.20
110-180	10706.21	37.90
0-180	28273.01	100.00

5FT
High Output Direct,
High Output Indirect,
4000K
Maximum Candela = 5863.465
Located At Horizontal Angle = 0,
Vertical Angle = 0
1 - Vertical Plane Through
Horizontal Angles (0 - 180)
(Through Max. Cd.)
2 - Horizontal Cone
Through Vertical Angle (0)
(Through Max. Cd.)

