



ronde™

Ronde Series Recessed LED Luminaire

Client: _____
Project Name: _____

Order #: _____
Type: _____ Qty: _____

Performance Data

CRI

80+

CCT

3000K, 3500K, 4000K, 5000K

Projected Lifetime

133,000 Hours (L70);
84,000 Hours (L80)

Dimming

0-10V Dimming Standard

Operating Temperature

-30° to +45°C Ambient

Warranty

5 year Standard
10 year Optional



10 Yr Warranty Available	USA Buy American Act Compliant
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Description

The Ronde Recessed interior architectural luminaire delivers quality illumination with a sleek, minimal look that instantly blends into the look and feel of any modern interior space. Available in up to a 5-foot diameter, the RNR luminaire will create an effect that will upgrade the design of any office space, lobby, retail store, library, or themed area.

Features

PERFORMANCE

- Delivers up to 21,000 lumens
- Up to 90 lumens per watt
- 120-277V Universal Driver
- Power Factor > 0.90; THD < 20%

PHYSICAL

- Available in 14" to 5' diameters
- White acrylic diffuser provides soft, ambient illumination
- Choice of flat, concave, or convex lens styles
- Housing is two-piece, die-formed, spun aluminum
- Gloss or Textured White finishes standard, custom colors available

RNR

U



Ordering Information

A FIXTURE SERIES

RNR Ronde Recessed Series

B SIZE

1	14"
2	2'
3	3'
4	4'
5	5'

C OUTPUT²

L	Low
M	Mid
H	High

D CCT

30	3000K
35	3500K
40	4000K
50	5000K

E VOLTAGE

U 120-277V

F LENS TYPE

W	White Acrylic Diffuser (Flat)
V	White Acrylic Diffuser (Concave)
X	White Acrylic Diffuser (Convex)

G FINISH

M	Matte White
G	Gloss White
C	Custom ¹

H OPTIONS

E	Emergency
K	Control Scope Connected

I WARRANTY³

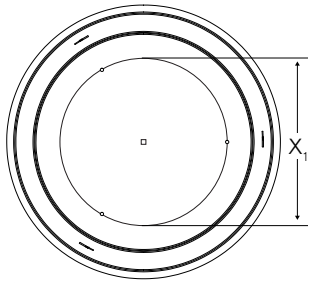
-	5 Year Warranty
10	10 Year Warranty
10L	10 Year Warranty including labor

¹ Contact factory regarding custom finishes and lead times

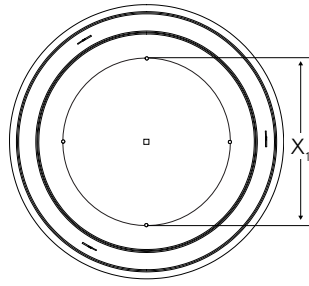
² Please reference Page 3 for list of output abbreviations for each fixture size

³ 5 Year Warranty is Standard unless specified

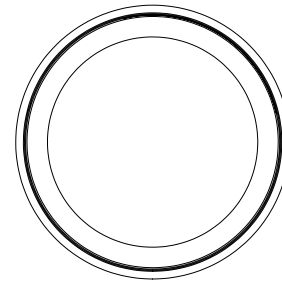
Dimensions



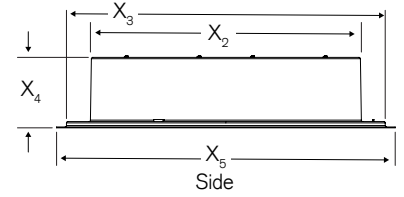
Top
14" & 2' — 3 pt. Mounting



Top
3', 4', & 5' — 4 pt. Mounting



Bottom



	14"	2'	3'	4'	5'
Mounting, X₁	10.3"	19.0"	26.0"	36.0"	47.0"
Recessed Clearance 1, X₂	13.0"	25.0"	34.8"	45.8"	57.0"
Recessed Clearance 2, X₃	16.4"	29.4"	39.2"	50.2"	62.0"
Height, X₄	6.5"	6.5"	7.6"	7.9"	8.3"
Trim, X₅	18.3"	31.3"	41.0"	52.0"	63.8"

Key	
	Power Feed for Straight Cable
	Mounting

Photometrics

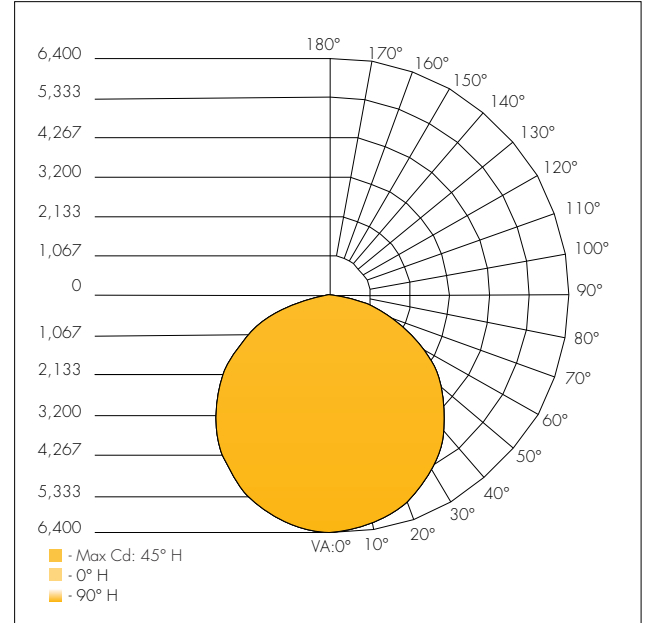
Coefficients of Utilization
Effective Floor Cavity Reflectance: 20%

RCC %:	80				70				50				30				10				0
RW %:	70	50	30	0	70	50	30	0	50	30	20	0	50	30	20	0	50	30	20	0	0
RCR: 0	1.19	1.19	1.19	1.19	1.16	1.16	1.16	1.00	1.11	1.11	1.11	1.06	1.06	1.06	1.06	1.02	1.02	1.02	1.02	1.00	1.00
1	1.09	1.04	1.00	.96	1.06	1.02	.98	.85	.97	.94	.91	.89	.94	.91	.89	.90	.88	.86	.86	.84	.84
2	.99	.91	.84	.78	.96	.89	.82	.71	.85	.80	.75	.73	.82	.77	.73	.79	.75	.72	.72	.70	.70
3	.90	.79	.71	.65	.87	.78	.70	.60	.75	.68	.63	.62	.72	.66	.62	.69	.65	.61	.61	.58	.58
4	.82	.70	.61	.55	.80	.69	.61	.52	.66	.59	.53	.53	.64	.58	.53	.62	.56	.52	.52	.50	.50
5	.76	.63	.54	.47	.73	.61	.53	.45	.59	.52	.46	.46	.57	.51	.46	.56	.50	.45	.45	.43	.43
6	.70	.56	.47	.41	.68	.55	.47	.39	.54	.46	.40	.40	.52	.45	.40	.50	.44	.40	.40	.37	.37
7	.65	.51	.42	.36	.63	.50	.42	.35	.49	.41	.36	.36	.47	.40	.35	.46	.40	.35	.35	.33	.33
8	.60	.47	.38	.32	.59	.46	.38	.31	.44	.37	.32	.32	.43	.36	.32	.42	.36	.31	.31	.29	.29
9	.56	.43	.34	.29	.55	.42	.34	.28	.41	.34	.29	.29	.40	.33	.28	.39	.33	.28	.28	.26	.26
10	.53	.39	.31	.26	.51	.39	.31	.26	.38	.31	.26	.26	.37	.30	.26	.36	.30	.26	.26	.24	.24

Zonal Lumen Summary

Zone	Lumens	%Luminaire
0-30	4,952.6	26.9%
0-40	8,142.7	44.2%
0-60	14,526.0	78.9%
50-90	3,893.0	21.1%
70-100	1,573.7	8.5%
90-120	0.000	0.5%
0-90	18,419.1	100%
90-180	0.000	0.5%
0-180	18,419.1	100%

RNR: 5', High Output, 3500K



Delivered Lumens: 18,419
CRI: 82

Wattage/Lumen Output Chart:

OUTPUT SELECTION	LOW	MID	HIGH
14"			
Abbreviation	AW	A1	BG
Nominal Wattage	20	25	40
Actual Wattage	19	25	40
Delivered Lumens	1520	2000	3200

2'			
Abbreviation	BG	BX	CN
Nominal Wattage	40	55	80
Actual Wattage	39	55	81
Delivered Lumens	3120	4400	6480

3'			
Abbreviation	CN	C8	DU
Nominal Wattage	80	100	120
Actual Wattage	80	101	119
Delivered Lumens	6400	8080	9520

OUTPUT SELECTION	LOW	MID	HIGH
4'			
Abbreviation	DP	E0	GG
Nominal Wattage	115	160	210
Actual Wattage	115	157	211
Delivered Lumens	9200	12560	16880

5'			
Abbreviation	F6	G7	HY
Nominal Wattage	200	235	260
Actual Wattage	203	235	259
Delivered Lumens	16240	18800	20720

Lumen outputs shown are for 4000K. For other color temps, use the lumen factors below:

- 5000K: 1.10
- 4000K: 1.00
- 3500K: 0.90
- 3000K: 0.85