

CATALOG #: _____

TYPE: _____

PROJECT: _____

FEATURES

- Create scalable, highly functioning smart buildings with Platformatics Power over Ethernet controls
- Round, surface mounted, architectural fixture adds visual interest to a variety of applications
- Provides soft, uniform ambient illumination
- Lift-and-twist lens assembly allows for easy maintenance
- Made Right Here® in the USA

ORDERING EXAMPLE: RNDS - 4 - P115/835 - FXA - OPTIONS - POE PR

ORDERING INFO

SERIES	DIAMETER	LUMENS ^[1]	CRI	CCT	LENS
RNDS	2 2'	2'	8 80	27 2700K	FXA Frosted convex acrylic lens
	3 3'	P22 2,200lm	9 90 ^[2]	30 3000K	
	4 4'	P45 4,500lm		35 3500K	
		3'		40 4000K	
		P50 5,000lm		50 5000K	
		4'	P115 11,500lm		

SPECIFICATIONS

- HOUSING – .080" spun aluminum outer housing with C.R.S. back plate.
- SHIELDING – Frosted acrylic lens, .125" thick.
- FINISH – Textured matte white polyester TGIC powder coat bonded to phosphate-free, multi-stage pretreated metal. All parts painted after fabrication to facilitate installation, increase efficiency, and inhibit corrosion.
- ELECTRICAL – High quality mid-power LED boards. L85 at 50,000 hours. Low-voltage DC fixture, to be fed by Class 2 power supply.
- MOUNTING – Surface mount.
- LISTINGS – CCSAUS certified as luminaire suitable for dry or damp locations.
- WARRANTY – 5-year limited warranty, see hew.com/warranty.

OPTIONS

See page 2 for FINISH OPTIONS

CONTROL ^[3]

POE PR Power over Ethernet, Platformatics-ready

SYSTEM REQUIREMENTS

- PoE-ready luminaires are connected to building power systems through network integration and require other components for complete PoE lighting system
- For additional PoE info, see hew.com/poe
- Consult factory for design support



NOTES

- ¹ Lumen output based on 80 CRI, 3500 CCT. Actual lumens may vary +/-5%, see page 2 for FIXTURE PERFORMANCE DATA
- ² Extended lead times may apply. Consult factory for availability.

- ³ See page 2 for NODE CONNECTION DETAILS. For additional PoE info, see hew.com/poe.



FIXTURE PERFORMANCE DATA

	LED PACKAGE	NOMINAL LUMENS	WATTAGE	EFFICACY (lm/W)
2'	P22	2238	25	89.5
	P45	4106	50	82.1
3'	P50	5028	50	100.6
4'	P115 ¹	11545	100	115.5

¹ Fixture contains two nodes, one power drop per node required.

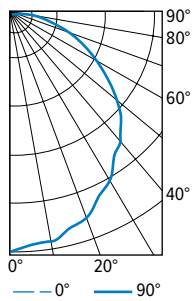
- Photometrics tested in accordance with IESNA LM-79. Results shown are based on 25°C ambient temperature.
- Results based on 3500K, 80 CRI, actual lumens may vary +/-5%
- Use multiplier table to calculate additional options.

MULTIPLIER TABLES

COLOR TEMPERATURE		
	CCT	CONVERSION FACTOR
80 CRI	2700K	0.97
	3000K	0.99
	3500K	1.00
	4000K	1.03
	5000K	1.06
90 CRI	2700K	0.80
	3000K	0.82
	3500K	0.83
	4000K	0.86
	5000K	0.89

PHOTOMETRY

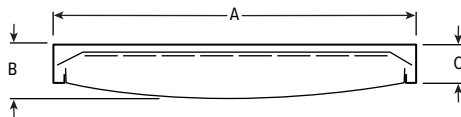
RNDS-4-P115/835-FXA Total Luminaire Output: 11545 lumens; 100 Watts | Efficacy: 115 lm/W | 80 CRI; 3500K CCT



CANDLEPOWER DISTRIBUTION	VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
		0°	45°	90°	
	0	4231	4231	4231	
5	4085	4082	4078	390	
15	3913	3908	3910	1107	
25	3542	3537	3540	1644	
35	3087	3081	3086	1949	
45	2704	2698	2702	2056	
55	2070	2066	2073	1834	
65	1425	1417	1427	1399	
75	755	757	757	822	
85	269	273	273	314	
90	106	108	108		

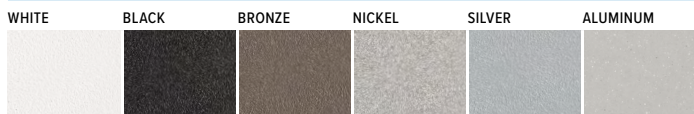
LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	3141	27
0 - 40	5090	44	
0 - 60	8980	78	
0 - 90	11516	99	
0 - 180	11545	100	

CROSS-SECTION



FIXTURE SIZE	A (DIA.)	B	C
2'	ø26-3/16"	6-11/16"	5-1/8"
3'	ø36-11/16"	7-3/16"	5-1/8"
4'	ø48-11/16"	7-11/16"	5-1/8"

FINISH OPTIONS

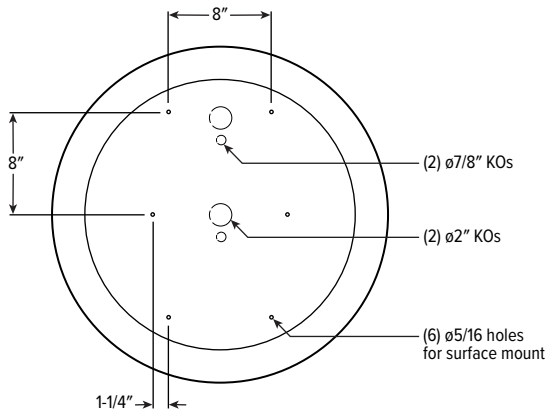


For custom color, please specify RAL code or a manufacturer code with description. All custom colors other than RAL require two sample swatches, minimum 1" square.

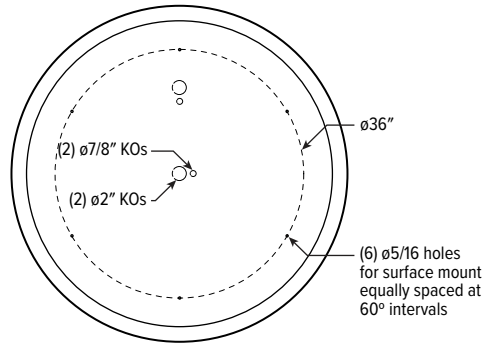


MOUNTING DETAILS

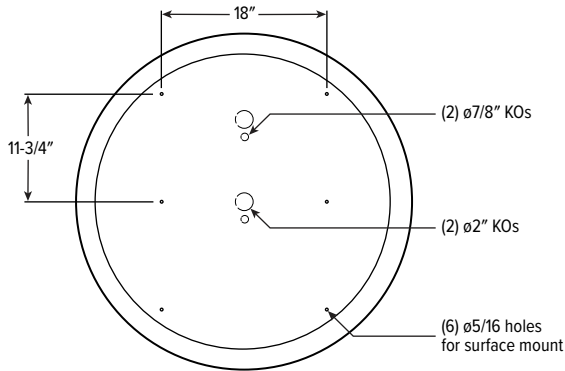
2' MOUNTING INFORMATION



4' MOUNTING INFORMATION



3' MOUNTING INFORMATION



NODE CONNECTION DETAILS

Includes 24" cable with 4-position mating connector for Platformatics POE-LN2 node. See node spec sheet for details: platformatics.com/product/poe-ln2

