

Made in USA

Project Name: _____

Fixture Type: _____ Quantity: _____

Customer: _____

Specifications

Material:
All aluminum construction. Hardware is stainless steel or zinc-plated steel.

Lens:
PMMA Acrylic Performance Optic plus choice of secondary polycarbonate lens.

Mounting:
Direct to wall with clearance for 1/4" - 5/16" hardware (others).

Drivers:
Universal Voltage 120-277V is standard. 0-10V, TRIAC & ELV (1%) dimming is standard. (Refer to Driver Specification section for other specifications)

Dark Sky Friendly:
To maintain dark sky friendly: ≤ 3000K

Electrical:
A lightning surge protective device is standard (20KA[3] Max/10KA[2] Nominal). Approximately 12" of pull wire extends from luminaire. All luminaires are prewired with 0-10V dimming leads.

Finish:
A polyester powder coat high quality finish. Marine grade finish is available.

Certifications:
UL Listed for outdoor, wet location.

Modifications:
Consult factory for custom or modified designs.

Buy American:
This product is assembled in the USA and meets the Buy America(n) government procurement requirements under FAR, DFARS, and DOT regulations. Click here for additional information.

SYW06 LED

EPA: 0.47
Weight: 6.0 lbs

Catalog Logic

SYW06	RN10W6	SY	WH	-	27K	-		-	72
Luminaire Series	Light Source & Wattage	Distribution	Lens		CCT		Accessory		Finish

Catalog Number

	1	2	3		4		5		6
SYW06				–		–		–	

1 LIGHT SOURCE & WATTAGES

Backlit 6" Ring LED with Board-Level Optic
R10W6 (Ring LED, 10W, 6")
R20W6 (Ring LED, 20W, 6")
Backlit 6" Ring LED No Board-Level Optic
RN10W6 (Ring LED, No Optic, 10W, 6")
RN20W6 (Ring LED, No Optic, 20W, 6")

2 DISTRIBUTION

SY (Symmetric)

3 LENS

NL (No Lens, for Board-Level Optic only)
CL (Clear Polycarbonate)
HT (High-Transmission Frosted Polycarbonate)
WH (White Opal Polycarbonate)

4 CCT (COLOR TEMPERATURE)

27K (2700K)
30K (3000K)
35K (3500K)
40K (4000K)
AMB (590nm True Amber)
*Consult Factory for 5000K

5 ACCESSORIES

EMG-LEDR10 (10W LED Emergency Driver)
EMG-LEDR20 (20W LED Emergency Driver)
PC (Dusk-till-dawn Button Photocell)
FAID (Field Adjustable Internal Dimmer)

*Most Emergency Drivers are remote mount only (consult factory). 10W & 30W Emergency Drivers are not compatible with all LED Light Source and Wattages. For percent lumens in emergency mode, see Technical Section

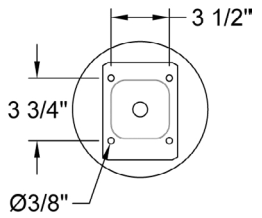
6 FINISHES

*Premium and Marine Grade Finish have additional charges

Standard Colors	Standard Grade	Marine Grade*	Standard Colors	Standard Grade	Marine Grade*
Aspen Green	10	10M	Copper Clay	53	53M
Cantaloupe	11	11M	Silver	56	56M
Lilac	12	12M	Black Verde	61	61M
Putty	13	13M	Painted Chrome	70	70M
Weathered Copper	29	29M	Painted Copper	71	71M
Raw Unfinished	40	NA	Textured Black	72	72M
Black	41	41M	Matte Black	73	73M
Forest Green	42	42M	Textured Archi-tectural Bronze	76	76M
Bright Red	43	43M	Textured White	77	77M
White	44	44M	Textured Silver	78	78M
Bright Blue	45	45M	**PREMIUM FINISH**	**Premium Grade***	**Marine Grade***
Sunny Yellow	46	46M	Textured Desert	80	80M
Aqua Green	47	47M	Graystone	82	82M
Galvanized	49	NA	Oil Rubbed Bronze	83	83M
Navy	50	50M	Carbon Graphite	96	96M
Architectural Bronze	51	51M			
Patina Verde	52	52M			

Consult Factory for additional paint charges and availability.

SYW06 Mounting:



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Project Name: _____

Fixture Type: _____ **Quantity:** _____

Customer: _____

PERFORMANCE TABLE - SYW06 - DELIVERED LUMENS - RING LED WITH OPTIC

			AMBER					2700K					3000K					3500K					4000K				
LED CATALOG	WATTS	LENS	DELIVERED LUMENS	lm/W	B	U	G	DELIVERED LUMENS	lm/W	B	U	G	DELIVERED LUMENS	lm/W	B	U	G	DELIVERED LUMENS	lm/W	B	U	G	DELIVERED LUMENS	lm/W	B	U	G
RN10W	10W	NL	139	14	0	0	0	831	83	1	0	0	831	83	1	0	0	891	89	1	0		891	89	1	0	0
		CL	116	12	0	0	0	690	69	0	0	0	690	69	0	0	0	739	74	0	0		739	74	0	0	0
		HT	93	9	0	0	0	554	55	0	0	0	554	55	0	0	0	594	59	0	0		594	59	0	0	0
		WH	30	3	0	0	0	177	18	0	0	0	177	18	0	0	0	190	19	0	0		190	19	0	0	0
RN20W	20W	NL	279	14	0	0	0	1662	83	1	0	1	1662	83	1	0	1	1781	89	1	0		1781	89	1	0	1
		CL	232	12	0	0	0	1380	69	1	0	1	1380	69	1	0	1	1479	74	1	0		1479	74	1	0	1
		HT	186	9	0	0	0	1108	55	1	0	0	1108	55	1	0	0	1187	59	1	0		1187	59	1	0	0
		WH	59	3	0	0	0	354	18	0	0	0	354	18	0	0	0	379	19	0	0		379	19	0	0	0

PERFORMANCE TABLE - SYW06 - DELIVERED LUMENS - RING LED NO OPTIC

			AMBER					2700K					3000K					3500K					4000K				
LED CATALOG	WATTS	LENS	DELIVERED LUMENS	lm/W	B	U	G	DELIVERED LUMENS	lm/W	B	U	G	DELIVERED LUMENS	lm/W	B	U	G	DELIVERED LUMENS	lm/W	B	U	G	DELIVERED LUMENS	lm/W	B	U	G
RN10W	10W	CL	131	13	0	0	0	782	78	1	0	0	782	78	1	0	0	838	84	1	0		838	84	1	0	0
		HT	113	11	0	0	0	676	68	0	0	0	676	68	0	0	0	724	72	0	0		724	72	0	0	0
		WH	38	4	0	0	0	226	23	0	0	0	226	23	0	0	0	242	24	0	0		242	24	0	0	0
RN20W	20W	CL	263	13	0	0	0	1564	78	1	0	0	1564	78	1	0	0	1676	84	1	0		1676	84	1	0	0
		HT	227	11	0	0	0	1352	68	1	0	0	1352	68	1	0	0	1449	72	1	0		1449	72	1	0	0
		WH	76	4	0	0	0	452	23	0	0	0	452	23	0	0	0	484	24	0	0		484	24	0	0	0

LED SPECIFICATION

- Nichia NF2W757 Low-power LEDs
- Conformal Coated PCB
- CCT: 2700K, 3000K, 3500K, 4000K, 590nm True Amber
- CRI: >90, 3 SDCM
- 3-Step Ellipse
- Certifications: UL

DRIVER SPECIFICATION

- Universal Input: 120-277V
- Dimming: 0-10V, TRIAC, ELV (Dims to 1%)
- Power Factor @ Full Load >90%
- THD @ Full Load <20%
- Constant Current Output 50/60Hz
- Operating Temperature: -30°C Minimum
- Lifetime: >50,000 hours
- Ingress Protection: IP66
- Certifications: UL Recognized, CE

ACCESSORIES



EMG-LED



PC



FAID

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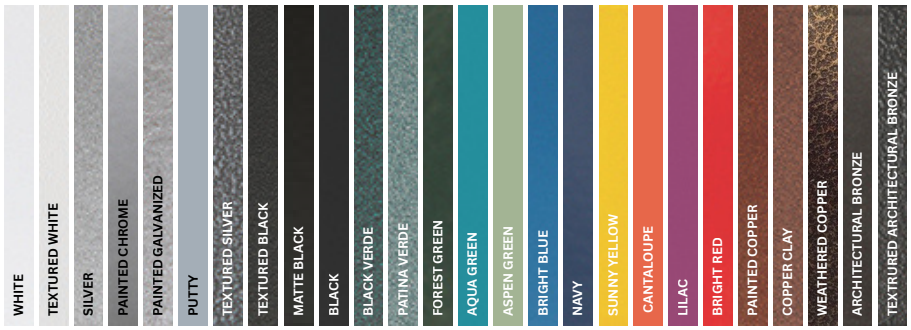
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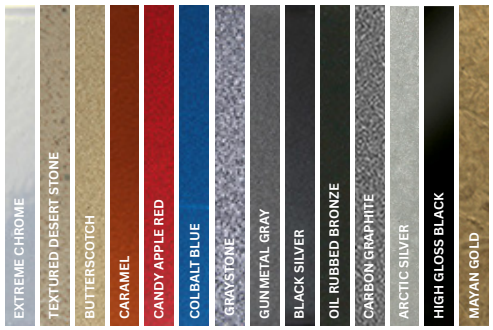
Customer: _____

FINISHES COLORS

STANDARD



PREMIUM



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