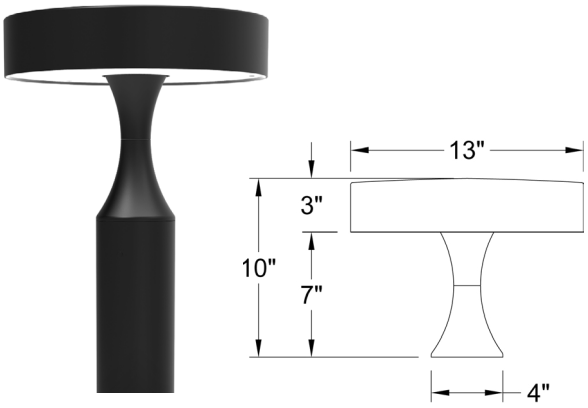


SYP13CR LED

EPA: 0.31
Weight: 8.0 lbs

Made in USA

Project Name: _____

Fixture Type: _____ Quantity: _____

Customer: _____

Specifications

Material:
All aluminum construction. 1100 series spun aluminum head. Hardware is stainless steel or zinc-plated steel.

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

Mounting:
Flush Mount to Ø4" 0.188" (3/16") Aluminum Pole or 0.1793" (7ga) Steel Pole.

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

Dark Sky Friendly:
To maintain dark sky friendly compatibility: ≤ 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.

Catalog Logic

SYP13CR	R20W9	SY	CL	-	27K	-	FM4	-		-	72
Luminaire Series	Light Source & Wattage	Distribution	Lens		CCT		Mounting Source		Accessory		Finish

Catalog Number

	1	2	3		4		5		6		7
SYP13CR				—		—		—		—	

1 LIGHT SOURCE & WATTAGES

Backlit 9" Ring LED with Board-Level Optic
R20W9 (Ring LED, 20W, 9")
R30W9 (Ring LED, 30W, 9")
R39W9 (Ring LED, 39W, 9", CA Title 24)
R46W9 (Ring LED, 46W, 9")
R78W9 (Ring LED, 78W, 9")
Backlit 9" Ring LED No Board-Level Optic
RN20W9 (Ring LED, No Optic, 20W, 9")
RN30W9 (Ring LED, No Optic, 30W, 9")
RN39W9 (Ring LED, No Optic, 39W, 9", CA Title 24)
RN46W9 (Ring LED, No Optic, 46W, 9")
RN78W9 (Ring LED, No Optic, 78W, 9")

2 DISTRIBUTION

SY (Symmertric)

3 LENS

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 MOUNTING SOURCE

FM4 (Flush Mount to Ø4" ANP Pole)

6 ACCESSORIES

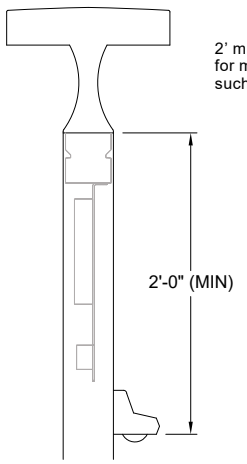
HSS180-SYP13 (180° House Side Shield)
EMG-LED10.7 (10.7W LED Emergency Driver, See Below For Compatibility)
EMG-LED17 (17W LED Emergency Driver, See Below For Compatibility)
HLMSPC-06 (On/Off Motion Sensor/Photocell, High/Low field-configurable; 15' - 30' Sensor Mounting Height)
HLMSPC-10 (On/Off Motion Sensor/Photocell, High/Low field-configurable; 8' - 15' Sensor Mounting Height)
PC (Button Photo Cell)
TLPC (ANSI C136.41 Twist Lock Photocell, includes receptacle and 120-277V photo cell)
TL5 (ANSI C136.41 5-Pin Twist Lock Receptacle only)
TL7 (ANSI C136.41 7-Pin Twist Lock Receptacle only)
AD (AstroDIM™ - Night-time dimming, consult factory)
FAID (Field Adjustable Internal Dimmer)
FM4O (STYLO Flush-mount to Ø4" pole by others, includes driver assembly)
*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

7 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.



2' minimum distance required for mounting some accessories such as motion sensor.

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Project Name: _____

Fixture Type: _____ Quantity: _____

Customer: _____

PERFORMANCE TABLE - RING LED WITH OPTIC - DELIVERED LUMENS

		AMBER					2700K					3000K					3500K					4000K				
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
20W	CL	278	14	0	0	0	1654	83	1	0	0	1654	83	1	0	0	1772	89	1	0	0	1772	89	1	0	0
	HT	248	12	0	0	0	1475	74	1	0	0	1475	74	1	0	0	1581	79	1	0	0	1581	79	1	0	0
	WH	95	5	0	0	0	564	28	0	0	0	564	28	0	0	0	604	30	0	0	0	604	30	0	0	0
30W	CL	416	14	0	0	0	2481	83	1	0	1	2481	83	1	0	1	2659	89	1	0	1	2659	89	1	0	1
	HT	371	12	0	0	0	2212	74	1	0	1	2212	74	1	0	1	2371	79	1	0	1	2371	79	1	0	1
	WH	142	5	0	0	0	846	28	1	0	0	846	28	1	0	0	906	30	1	0	0	906	30	1	0	0
39W	CL	541	14	0	0	0	3225	83	1	0	1	3225	83	1	0	1	3456	89	1	0	1	3456	89	1	0	1
	HT	483	12	0	0	0	2876	74	1	0	1	2876	74	1	0	1	3082	79	1	0	1	3082	79	1	0	1
	WH	185	5	0	0	0	1100	28	1	0	0	1100	28	1	0	0	1178	30	1	0	0	1178	30	1	0	0
46W	CL	639	14	0	0	0	3804	83	2	0	1	3804	83	2	0	1	4077	89	2	0	1	4077	89	2	0	1
	HT	569	12	0	0	0	3392	74	1	0	1	3392	74	1	0	1	3636	79	2	0	1	3636	79	2	0	1
	WH	218	5	0	0	0	1297	28	1	0	0	1297	28	1	0	0	1390	30	1	0	0	1390	30	1	0	0
78W	CL	1083	14	1	0	0	6450	83	2	0	1	6450	83	2	0	1	6913	89	2	0	1	6913	89	2	0	1
	HT	966	12	1	0	0	5752	74	2	0	1	5752	74	2	0	1	6165	79	2	0	1	6165	79	2	0	1
	WH	369	5	0	0	1	2199	28	1	0	1	2199	28	1	0	1	2357	30	2	0	1	2357	30	2	0	1

PERFORMANCE TABLE - RING LED NO OPTIC - DELIVERED LUMENS

		AMBER					2700K					3000K					3500K					4000K				
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
20W	CL	374	19	0	0	0	2230	111	1	0	0	2230	111	1	0	0	2389	119	1	0	0	2389	119	1	0	0
	HT	336	17	0	0	0	2000	100	1	0	1	2000	100	1	0	1	2143	107	1	0	1	2143	107	1	0	1
	WH	115	6	0	0	0	684	34	0	0	0	684	34	0	0	0	733	37	0	0	0	733	37	0	0	0
30W	CL	561	19	0	0	0	3345	111	2	0	0	3345	111	2	0	0	3584	119	2	0	0	3584	119	2	0	0
	HT	503	17	0	0	0	2999	100	2	0	1	2999	100	2	0	1	3214	107	2	0	1	3214	107	2	0	1
	WH	172	6	0	0	0	1026	34	1	0	1	1026	34	1	0	1	1100	37	1	0	1	1100	37	1	0	1
39W	CL	730	19	0	0	0	4348	111	2	0	0	4348	111	2	0	0	4659	119	2	0	0	4659	119	2	0	0
	HT	654	17	0	0	0	3899	100	2	0	1	3899	100	2	0	1	4179	107	2	0	1	4179	107	2	0	1
	WH	224	6	0	0	0	1334	34	1	0	1	1334	34	1	0	1	1430	37	1	0	1	1430	37	1	0	1
46W	CL	861	19	1	0	0	5128	111	2	0	0	5128	111	2	0	0	5496	119	2	0	1	5496	119	2	0	1
	HT	772	17	1	0	0	4599	100	2	0	1	4599	100	2	0	1	4929	107	2	0	1	4929	107	2	0	1
	WH	264	6	0	0	0	1574	34	1	0	1	1574	34	1	0	1	1686	37	1	0	1	1686	37	1	0	1
78W	CL	1460	19	1	0	0	8696	111	3	0	1	8696	111	3	0	1	9319	119	3	0	1	9319	119	3	0	1
	HT	1309	17	1	0	0	7798	100	3	0	1	7798	100	3	0	1	8357	107	3	0	1	8357	107	3	0	1
	WH	448	6	0	0	0	2668	34	1	0	1	2668	34	1	0	1	2860	37	1	0	1	2860	37	1	0	1

LED SPECIFICATION

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

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1-800-548-3227
ANPlighting.com

Project Name: _____

Fixture Type: _____ **Quantity:** _____

Customer: _____

FINISHES

- A polyester powder coat high quality finish is electro-statically applied and baked at 430° for exceptional durability and color retention. Products undergo an intensive five-step cleansing and pretreatment process for maximum paint adhesion. 5-year warranty for aluminum products. 2-year warranty for steel products.
- Marine grade finish provides superior salt, humidity and UV protection. This coating withstands up to 3,000 hours of continuous salt spray and is available in either a textured or gloss surface. 5-year warranty for aluminum products. 2-year warranty for steel products.

WARRANTY

See www.ANPlighting.com for complete fixture warranty.

LED warranty information

- 5 year limited warranty*
- *Limited Warranty: A typical year is defined as 4,380 hours of operation.

ACCESSORIES

HSS180-SYP13

EMG-LED

HLMSPC-06 & HLMSPC-10

PC

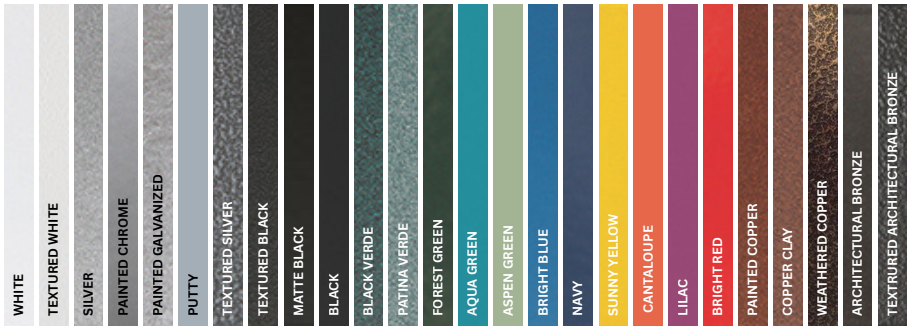
TLPC

TL5 & TL7

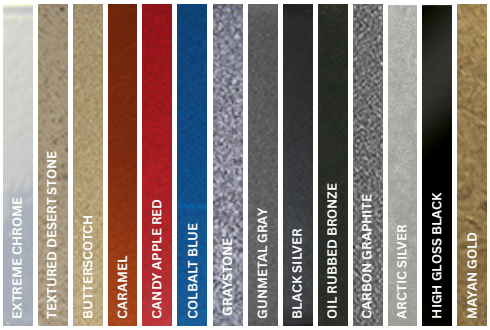
FAID

FINISHES COLORS

STANDARD



PREMIUM



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