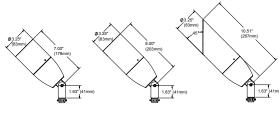




| Weight: | 3.0 lbs. |
|---------|-----------------|
| | 7 (470) (64 |
| H: | 7" (178mm) w/C1 |
| | |
| | 8" (203mm) w/C2 |

DIMENSIONS



C1 EPA = 0.191 ft²

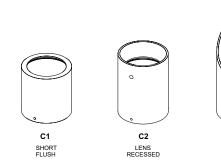
C2 EPA = 0.218 ft²

C3

EPA = 0.243 ft²

C3

45° CUTOFF



AIMING DETAILS

PALM 12V/120V LED

HIGHLIGHTS

• The Palm Series accent lights are suitable for a variety of mounting applications including ground, wall, tree, sign and architectural accents

CATALOG NUMBER

NOTES TYPE

- Suitable for wet locations
- Integral driver for 120V
- Dimmable using standard TRIAC (forward-phase or leadingedge) and ELV (reverse phase or trailing-edge) dimmer for 120V and dimmable using standard MLV dimmer and magnetic transformer for 12V
- Tapered-sure lock
- Available in 80CRI and 90CRI
- 1,600lm

LUMEN PACKAGES



66

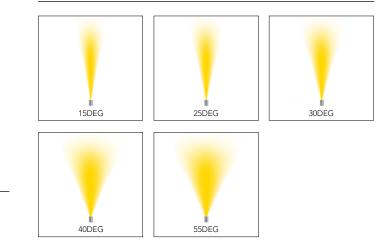
BAA

BABA

| | 15DEG | 20DEG | 25DEG | 30DEG | 35DEG | 40DEG | 45DEG | 50DEG | 55DEG |
|------------------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| Delivered Lumens | 1,514 | 1,433 | 1,466 | 1450 | 1515 | 1491 | 1440 | 1450 | 1465 |
| Watts | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 |
| LPW | 84 | 80 | 81 | 81 | 84 | 83 | 80 | 81 | 81 |
| Peak Candela | 12,941 | 6,031 | 6,156 | 3986 | 3441 | 2761 | 2208 | 1681 | 1495 |

Note: Information based on 4000K @ P1, 80CRI, 120 Volt with C1 cap and FLC lens

STANDARD DISTRIBUTION







ED



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ORDERING INFORMATION

EXAMPLE: PALM A P1 80CRI 27K 12 20DEG FLC KM C2 BL

| PALM | | | | | | | | | | | | | | |
|-----------------|--|--|--|--|--|---|----------------|--|--------------|---|------------|---|--|--|
| Series* M | aterial* | Performance Packages* | CR* | Color Tempe | erature* | Voltage* | | Distribution* | | | Lens* | | Mounti | na* |
| PALM A B | . Aluminum R Brass | P1 P2 Note: P2 only available with 12volt | 80CRI 90CRI | 27K 30K 35K 40K 50K Note: 35k and available with | d 50K only | 12 ¹ 120 ² Note: 120V only av with P1 | vailable | 15DEG 15° 20DEG 20° 25DEG 25° 30DEG 30° 35DEG 35° | 45DE 50DE | G 40° G 45° G 50° G 55° | FLC WSL | Flat Clear Watershed | KM 350R | Knuckle 350° rotational knuckle |
| Maanatiana A.a | cessories Option | | | | | | 0 | ⁶ Optional | E4 | | ~ | Finish* | | |
| | nt Mounting | u | | Stems | | | | al Louver | | ernal Caps [®] Short Fl | | All Materi | al | |
| available in 12 | 5" Round ca 5" Round ca Aluminum J- Bronze J-Bo Adjustable F Post Mount ' Post Mount ' Post Mount ' Wall Mount ' Wall Mount ' Tree Mounte mounting st per strap Tree Mounte mounting st per strap | canopy, Brass nopy nopy, Brass Box x Architectural Post Mount - Brass with Conduit with Conduit - Brass with Conduit - Brass with Open Bottom Cover with Open Bottom Cover with Splice Access ed J-Box with Alur rap, available with ed J-Box with Bron rap, available with en Mounted J-Box (SB, pe ordered separately | nss - Brass - Brass - Brass - A JBoxes - A JBoxes - 4 JBoxes - 4 JBoxes - 4 JBoxes | S3 ³ S6 ³ S3 S3BR ⁴ S6BR ⁴ SBR ⁴ <u>Extensic</u> EA_ EA45_ EA90_ | 3" Stem 6" Stem 12" - 24" st available in 6" 3" Stem Br 12" - 24" st available in 6" on Arms ⁵ 12", 24" 45° - 12", 2 90° - 12", 2 | ' incriments ass ass rems, ' incriments 4" | L1 L2 L3 | Honeycomb Louver al Accessory Prismatic Lens Linear Spread Lens Softening Lens al Filters Amber Green Dichroic Light Blue Mercury Vapor Medium Blue Dichroic Red Red Dichroic | C2 C3 | Recesse 45° Ang | | BL BRS BRT DBL DDB DNA NBS7 STG VET WH WHS CF RALTBD Z? Brass Only BRZ NAT POL NAT POL NAT POL NAT POL | Black Sr Designe Natural Natural Smooth Steel Gr Verde T White S Custom RAL Pai Zinc Una (i.e.BLZ) (i.e.BLZ) Satin Cl Polishec Gloss C D for prici applicable dy to ordel ME for available Matural Steel Charlow Statin Cl Polishec Gloss C D for prici applicable dy to ordel ME for available for avai | Smooth Textured nooth or Bronze Aluminum Bronze ay extured extured extured extured finish nt Finishes dercoat Brass w/ ear Brass w/ Brass w/ ear Brass w/ Brass w/ ear Brass w/ ear Brass w/ ear Brass w/ ear Brass w/ ear Brass w/ ear Brass w/ ear Brass w/ Brass w/ ear Brass w/ ear Brass w/ ear Brass w/ ear Brass w/ Brass w/ Br |

*Required Fields

Notes:

- 1 Remote Transformer required Options for remote transformers.
- 2 Integral Driver.
- 3 Aluminum stems only compatible with PM60A, PM60C and PM60D.
- 4 Brass stems only compatible with PMBR60A, PMBR60C and PMBR60D.
- 5 Extended arms compatible with WMC and WMSA.
- 6 Up to 2 options can be specified.
- 7 NBS paint uses specialty pigments to give a natural appearance that may vary by fixture.
- 8 Only available with 12 volt
- 9 Zinc undercoat for harsh environments



LUMEN OUTPUT

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Actual performance may differ as a result of end-user environment and application. Contact factory for performance data on any configurations not shown here.

| Performance | System | | | | | | | am gle | 27K | (2700K, 80 | CRI) | 30K | (3000K, 80 | CRI) | 35K | (3500K, 80 | CRI) | 40K | (4000K, 80 | CRI) | 50k | (5000K, 80 | CRI) |
|-------------|--------|-------|----|----|----|----|-----------|-----------|-----|------------|--------|-----|------------|--------|-----|------------|--------|-----|------------|--------|-----|------------|------|
| Package | Watts | Туре | ⁰Н | °V | ⁰н | °۷ | Max CD | Lumens | LPW | Max CD | Lumens | LPW | Max CD | Lumens | LPW | Max CD | Lumens | LPW | Max CD | Lumens | LPW | | |
| | | 15DEG | 31 | 31 | 16 | 16 | 6,553 | 767 | 85 | 6,798 | 795 | 88 | 6,921 | 810 | 90 | 7,165 | 838 | 93 | 7,410 | 867 | 96 | | |
| | | 20DEG | 46 | 46 | 22 | 22 | 3,054 | 726 | 81 | 3,168 | 753 | 84 | 3,226 | 766 | 85 | 3,340 | 793 | 88 | 3,454 | 821 | 91 | | |
| | | 25DEG | 45 | 45 | 24 | 24 | 3,117 | 742 | 82 | 3,234 | 770 | 86 | 3,292 | 784 | 87 | 3,409 | 812 | 90 | 3,525 | 840 | 93 | | |
| | | 30DEG | 57 | 57 | 30 | 30 | 2,019 | 735 | 82 | 2,094 | 762 | 85 | 2,132 | 776 | 86 | 2,207 | 803 | 89 | 2,283 | 831 | 92 | | |
| P1 12 Volt | 9 | 35DEG | 57 | 57 | 37 | 36 | 1,743 | 767 | 85 | 1,808 | 796 | 88 | 1,840 | 810 | 90 | 1,906 | 839 | 93 | 1,971 | 868 | 96 | | |
| | | 40DEG | 65 | 65 | 41 | 41 | 1,398 | 755 | 84 | 1,450 | 783 | 87 | 1,477 | 797 | 89 | 1,529 | 826 | 92 | 1,581 | 854 | 95 | | |
| | | 45DEG | 74 | 74 | 44 | 44 | 1,118 | 729 | 81 | 1,160 | 756 | 84 | 1,181 | 770 | 86 | 1,223 | 797 | 89 | 1,265 | 825 | 92 | | |
| | | 50DEG | 87 | 87 | 52 | 52 | 851 | 734 | 82 | 883 | 762 | 85 | 899 | 775 | 86 | 931 | 803 | 89 | 963 | 830 | 92 | | |
| | | 55DEG | 95 | 95 | 56 | 55 | 757 | 742 | 82 | 786 | 769 | 85 | 800 | 783 | 87 | 828 | 811 | 90 | 856 | 839 | 93 | | |
| | | 15DEG | 31 | 31 | 16 | 16 | 11,069 | 1,295 | 72 | 11,482 | 1,343 | 75 | 11,689 | 1,367 | 76 | 12,103 | 1,416 | 79 | 12,517 | 1,464 | 81 | | |
| | | 20DEG | 46 | 46 | 22 | 22 | 5,159 | 1,226 | 68 | 5,352 | 1,271 | 71 | 5,448 | 1,294 | 72 | 5,641 | 1,340 | 74 | 5,834 | 1,386 | 77 | | |
| | | 25DEG | 45 | 45 | 24 | 24 | 5,266 | 1,254 | 70 | 5,463 | 1,301 | 72 | 5,561 | 1,324 | 74 | 5,758 | 1,371 | 76 | 5,955 | 1,418 | 79 | | |
| | | 30DEG | 57 | 57 | 30 | 30 | 3,409 | 1,241 | 69 | 3,537 | 1,287 | 72 | 3,601 | 1,310 | 73 | 3,728 | 1,357 | 75 | 3,856 | 1,403 | 78 | | |
| P2 12 Volt | 18 | 35DEG | 57 | 57 | 37 | 36 | 2,944 | 1,296 | 72 | 3,054 | 1,345 | 75 | 3,109 | 1,369 | 76 | 3,219 | 1,417 | 79 | 3,329 | 1,466 | 81 | | |
| | | 40DEG | 65 | 65 | 41 | 41 | 2,362 | 1,275 | 71 | 2,450 | 1,323 | 74 | 2,494 | 1,347 | 75 | 2,582 | 1,395 | 78 | 2,671 | 1,442 | 80 | | |
| | | 45DEG | 74 | 74 | 44 | 44 | 1,889 | 1,232 | 68 | 1,960 | 1,278 | 71 | 1,995 | 1,301 | 72 | 2,065 | 1,348 | 75 | 2,136 | 1,393 | 77 | | |
| | | 50DEG | 87 | 87 | 52 | 52 | 1,438 | 1,240 | 69 | 1,492 | 1,287 | 72 | 1,518 | 1,310 | 73 | 1,572 | 1,356 | 75 | 1,626 | 1,402 | 78 | | |
| | | 55DEG | 95 | 95 | 56 | 55 | 1,279 | 1,253 | 70 | 1,327 | 1,300 | 72 | 1,351 | 1,323 | 74 | 1,399 | 1,370 | 76 | 1,446 | 1,417 | 79 | | |

| Performance | System | Field Distribution Angle | | | | am gle | 27K (2700K, 80CRI) | | 30K (3000K, 80CRI) | | 35K (3500K, 80CRI) | | | 40K (4000K, 80CRI) | | | 50K (5000K, 80CRI) | | | | |
|-------------|--------|-----------------------------|----|----|----|-----------|--------------------|--------|--------------------|-----------|--------------------|-----|-----------|--------------------|-----|-----------|--------------------|-----|-----------|--------|-----|
| Package | Watts | Туре | ⁰н | °۷ | ⁰н | °۷ | Max CD | Lumens | LPW | Max CD | Lumens | LPW | Max CD | Lumens | LPW | Max CD | Lumens | LPW | Max CD | Lumens | LPW |
| | | 15DEG | 31 | 31 | 16 | 16 | 11,834 | 1,384 | 77 | 12,277 | 1,436 | 80 | 12,498 | 1,462 | 81 | 12,941 | 1,514 | 84 | 13,383 | 1,566 | 87 |
| | | 20DEG | 46 | 46 | 22 | 22 | 5,516 | 1,310 | 73 | 5,722 | 1,359 | 76 | 5,825 | 1,384 | 77 | 6,031 | 1,433 | 80 | 6,238 | 1,482 | 82 |
| | | 25DEG | 45 | 45 | 24 | 24 | 5,630 | 1,341 | 75 | 5,840 | 1,391 | 77 | 5,946 | 1,416 | 79 | 6,156 | 1,466 | 81 | 6,367 | 1,516 | 84 |
| | | 30DEG | 57 | 57 | 30 | 30 | 3,645 | 1,327 | 74 | 3,782 | 1,376 | 76 | 3,850 | 1,401 | 78 | 3,986 | 1,450 | 81 | 4,122 | 1,500 | 83 |
| P1 120 Volt | 18 | 35DEG | 57 | 57 | 37 | 36 | 3,147 | 1,386 | 77 | 3,265 | 1,438 | 80 | 3,324 | 1,464 | 81 | 3,441 | 1,515 | 84 | 3,559 | 1,567 | 87 |
| | | 40DEG | 65 | 65 | 41 | 41 | 2,525 | 1,364 | 76 | 2,619 | 1,415 | 79 | 2,667 | 1,440 | 80 | 2,761 | 1,491 | 83 | 2,855 | 1,542 | 86 |
| | | 45DEG | 74 | 74 | 44 | 44 | 2,020 | 1,317 | 73 | 2,095 | 1,366 | 76 | 2,133 | 1,391 | 77 | 2,208 | 1,440 | 80 | 2,284 | 1,489 | 83 |
| | | 50DEG | 87 | 87 | 52 | 52 | 1,537 | 1,326 | 74 | 1,595 | 1,376 | 76 | 1,624 | 1,400 | 78 | 1,681 | 1,450 | 81 | 1,738 | 1,499 | 83 |
| | | 55DEG | 95 | 95 | 56 | 55 | 1,368 | 1,339 | 74 | 1,419 | 1,390 | 77 | 1,444 | 1,415 | 79 | 1,495 | 1,465 | 81 | 1,547 | 1,515 | 84 |

| CRI SCALING | Multipler | | | | |
|--------------------|--------------------|--|--|--|--|
| 90CRI | 0.83 | | | | |
| | | | | | |
| | | | | | |
| EXTERNAL CAP | Multiplier | | | | |
| EXTERNAL CAP C2 | Multiplier 0.70 | | | | |

LED LIFE: L70@> 60,000 hours

OPERATING TEMPERATURE: -20°C through 35°C (12v Aluminum Material) -20°C through 40°C (12v Brass material) -30°C through 35°C (120v Aluminum Material) -30°C through 40°C (120v Brass material)

PHOTOMETRIC DIAGRAMS

To see complete photometric reports or download .ies files for this product, visit www.hydrel.com



FEATURES & SPECIFICATIONS

MATERIAL: Body, caps and knuckle machined from 6061-T6 Aluminum. BR - machined from 360 brass.

LIGHT SOURCE: Proprietary high output LEDs. Units have near constant light output when supplied with 11VAC-14VAC to combat voltage drop. All within 3 MacAdam ellipses

VOLTAGE: 12 Volt AC. 120 Volt AC.

BRZ - Satin Bronze

w/ Satin Clear

DISTRIBUTION: Available in 15DEG, 20DEG, 25DEG, 30DEG, 35DEG, 40DEG, 45DEG, 55DEG

LENS: FLC - Lens cut from heat strengthened borosilicate glass for superior clarity and strength. WSL - Molded heat strengthened borosilicate glass for superior clarity and strength, where the glass and the top of the door are flush to allow water to shed off the fixture.

MOUNTING: Knuckle is 1/2" NPSM, mounts to 7/8" thru hole. KM option allows to tilt the fixture up to 180° as 350R option allows to tilt the fixture up to 180° and rotate up to 350°.

POWER SUPPLY: Remote 12VAC transformer purchased separately. For 120VAC driver is integral. 12VAC dimmable using a remote magnectic transformer. 120VAC dimmable using a standard Triac dimming switch/systems.

FINISH: Super durable Polyester TGIC powder coat finish (standard). Optional Zinc undercoat for harsh environments.

FEATURES: Tapered "Sure Lock" knuckle seat for innite aiming and an unparalleled locking ability. Any combination of up to 2 lens accessories/color filter/shielding can be specied for cap style and are held securely by a removable stainless steel clip ring. 350° rotational knuckle also available. LISTING: cCSAus, Wet Location. Laboratory tests conducted by CSA to UL Standards UL-1598, UL-8750 and UL-1838. IP66 Rated.

GOVERNMENT PROCUREMENT

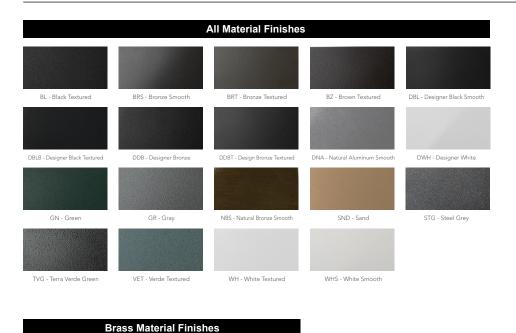
BAA – Buy America(n) Act: Product qualifies as a domestic end product under the Buy American Act as implemented in the FAR and DFARS. Product also qualifies as manufactured in the United States under DOT Buy America regulations. BABA – Build America Buy America: Product qualifies as produced in the United States under the definitions of the Build America, Buy America Act. Please refer to <u>www.acuitybrands.com/resources/buy-american</u> for additional information.

WARRANTY: 5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acutybrands.com/support/warranty/terms-and-conditions

Consult factory for details

NOTE: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

STANDARD ARCHITECTURAL COLORS



POS - Polished Brass

w/ Satin Clear

RAL Paint Finishes are also avaiable. See the <u>RALBROCHURE</u> for available options. It is recommended that Hydrel products only use textured paint

Aluminum fixture surfaces are "four step pretreated" prior to being painted with a long lasting TGIC polyester powder coat.

Custom finishes are available. Textures of custom finishes are dependent on the finish material specified. Please consult factory.

Note: These colors were scanned from color chip samples. Some colors, however, may vary slightly from actual appearance due to printing variations and limitations. Please contact factory for color chip samples.

NAT - Natural Brass

w/ Satin Clear



REMOTE TRANSFORMERS

Transformers may be loaded to 100% capacity, however the recommended load range for optimal efficiency is 40-80%. Non-Isolated Transformers: Suitable for use with landscape type lighting Isolated Transformers: Suitable for use with underwater and landscape type lighting

| | Part # |
|---|---|
| 10 and 20 watts, 120V to 12VAC or 277V to 12VAC magnetic Must be mounted in a listed weatherproof enclosure Dimmable by using a magnetic low voltage dimmer switch Non-Isolated Suitable for LED | Examples: TM10 120 TM10 277 TM20 120 TM20 277 See <u>spec sheet</u> for more options |
| 300 watts, 120V or 277V to 12VAC magnetic Rated for outdoor surface mount, minimum of 12" above finished grade with the wire connection terminals facing down Multi-tap secondary output allowing 12-15 Volt Internal on/off switch-circuit breaker Five "knock-outs" in the bottom cover plate (two 1/2", two 3/4" and one 1-1/2") Dimmable by using a magnetic low voltage dimmer switch Non-Isolated Suitable for LED | Example: TM300 120 See <u>spec sheet</u> for more options |
| 15 watts, 120V to 12VAC electronic Maximum remote distance is 10' Non-Isolated Suitable for LED | Example: TE15 120 See <u>spec sheet</u> for more options |
| 60 and 75 watts, 120V to 12VAC electronic Maximum remote distance is 10' Non-Isolated Suitable for LED | Examples: TE60 120 TE75 120 See <u>spec sheet</u> for more options |
| 150 watts, 120V or 277V primary to 12VAC secondary magnetic. Rated for outdoor surface mount, minimum of 12" above finsihed grade with wire connection terminals facing down Dimmable by using a magnetic low voltage dimmer switch Non-Isolated Suitable for LED | Example: TM150 120 TM150 277 See <u>spec sheet</u> for more options |

L



REMOTE TRANSFORMERS

Transformers may be loaded to 100% capacity, however the recommended load range for optimal efficiency is 40-80%. Non-Isolated Transformers: Suitable for use with landscape type lighting Isolated Transformers: Suitable for use with underwater and landscape type lighting

| | Part # |
|--|--|
| Stepdown transformers are two winding isolated type Two separate wiring compartments isolate primary and secondary leads Housed in weatherproof enclosure Meets requirements of article 680 N.E.C. Listed byU.L 100 watt 120/12,13,14 ac (T1901) 300 watt 120/12,13,14 ac (T1903) Dimmable by using magnetic low voltage dimmer switch Isolated - can be used near underwater application Suitable for LED | Examples: T1901 (100watts) T1903 (300watts) See <u>spec sheet</u> for more options |
| Ground power post mount 15 watts, 120V to 12V AC, electronic Non-Isolated, suitable for LED Non-Dimmable Stem length available from3" to 36" | Examples: PM60B ET15 120 S3 BL PMBR60B ET15 120 S6 POL See <u>spec sheet</u> for more options |
| Wall mount power box 15 watts, 120V to 12V AC, electronic 20 watts, 120V to 12V AC, magnetic ET15 - Electronic is non-dimmable M20 - Magnetic is dimmable using low voltage magnetic dimmer switch Non-isolated, suitable for LED | Examples: WP2J ET15 120 12C BL WP2S M50 120 34C BRS See <u>spec sheet</u> for more options |



ACCENT MOUNTING ACCESSORIES

| | Part # |
|--|--|
| JBA/JBB Junction box for direct fixture mounting Available in cast bronze or aluminum Used where splicing is required for single or multiple fixtures Drilled and tapped to specified requirements May be Ground or wall mounted | Examples: JBA 34E 34F 78G BL JBB 12A 12C 78G See <u>spec sheet</u> for more options |
| CN4 wall plate canopy Available in aluminum or brass Shape rectangular to mount over a standard switch box Thru hole sized for standard 1/2 pipe thread Fixtures secured via locking nut (for thru hole) or threaded knuckle | Example: CN4 78C BL See <u>spec sheet</u> for more options |
| CN5 wall mount canopy Availabe in Aluminum, Brass or stainless steel Shape round to mount over a standard 4" round or octagonal box. Thru hole sized for standard 1/2 pipe thread Fixture secured via locking nut (for thru hole) or threaded knuckle | Example: CN5 78C BL See <u>spec sheet</u> for more options |
| WMC wall mount cover Available in cast aluminum Wall mount cover or mounting fixture over wall box (by others) | Examples: WMC 78C BL See <u>spec sheet</u> for more options |
| WMSA wall mount splice access Available in cast aluminum Wall mount with splice access plate for mounting a variety of fixtures Integral splice access compartment for easy fixture connections To be mounted over a recessed wall box | Example: WMSA 78C BL See <u>spec sheet</u> for more options |
| TRA/TRB tree mount junction box Available in cast aluminum or bronze Includes a splice box with a mounting plate Placement of small accent fixtures around or on a structure, like a tree | Examples: TRA 12B 78C BL TRB 12B 78C See <u>spec sheet</u> for more options |

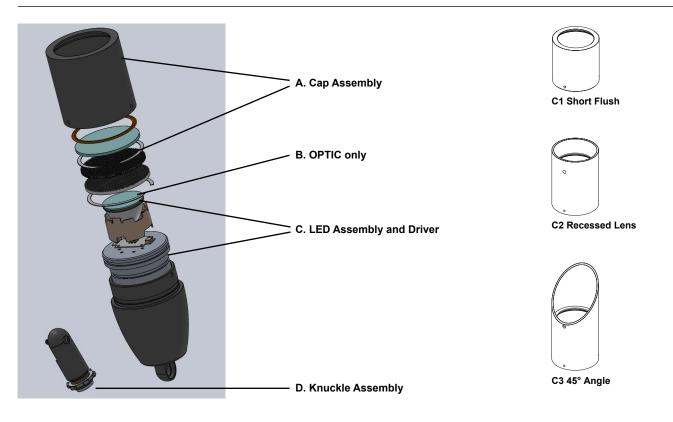


ACCENT MOUNTING ACCESSORIES

| | Part # |
|--|--|
| TRAS/TRBS tree mount junction box with strap. Available in cast aluminum or bronze Includes one or more splice boxes with a polypropylene strap Placement of small accent fixtures around the trunk or branch of a tree | Examples: 2TRAS 12B 78C DDB 1TRBS 12B 78C See <u>spec sheet</u> for more options |
| Post Mounts PM60A, PM60C and PM60D Ground Mounting posts Available in aluminum or brass Suitable for fixtures with 1/2" knuckles Fixtures are secured with a locking nut PM60A and PM60D are used only with low volt fixtures PM60C can be used with low or line voltage fixtures Optional stems are offered in lengths from 3" to 36" | Examples: PM60A S3 BL PMBR60C S12BR BRS PM60D BL See <u>spec sheet</u> for more options |
| EA-Extended Arms Available in lengths 12", 24" Available in angles 45° and 90° Material available in aluminum Extended arms are compatible with WMC and WMSA wall mounts | Examples: WMC EA12 12C BL WMSA EA4512 12C BRS |
| Tree Ring TRAR 2FX, TRAR 3FX, TRAR 4XF, TRAR 5FX, TRAR 6FX Stainless Steel Ring and Hardware Can accommodate trees between 10" to 15" in diameter Available in 2, 3, 4, 5 and 6 fixture configurations | Examples: TRAR 5FX 12S 12C BL TRAR 3FX 12S 12C BRS Note: TRAR is sold separately. See <u>spec sheets</u> for options |
| SBA or SBB Stake mounted J-box Available in aluminum or bronze material Available in 12" and 18" Used for a portable convenient placement of accent fixtures to accommodate 12v or 120v 1/2" knuckle fixture | Examples: SBA12 78C CSL6P BL SBB18 78C CSL15P BZ See <u>spec sheet</u> for more options |



PALM SPARE PARTS LIST



Part Number

A. CAP ASSEMBLY

CAPAPALM C1 xx1 xxx2 xxx3 CAPAPALM C2 xx1 xxx2 xxx3 CAPAPALM C3 xx1 xxx2 xxx3

1. available material finishes : A, BR 2. available lens: FLC, WSL 3. add paint finish

B. Optic only

OPTPALM xx1

1. available distributions: 15DEG, 20DEG, 25DEG, 30DEG, 35DEG, 40DEG, 45DEG, 50DEG, 55DEG

Description

Cap Assembly will include the cap, lens and o-ring

One piece snap on optic only

Part Number

C. LED Assembly + Driver module

LEDAPALM xx1 xxx2 xxx3 xxx4 xxx5

1. available Performance Packages: P1,P2 2. available CRI: 80CRI, 90CRI 3. available colors: 27K, 30K, 35K,40K, 50K 4. available voltage: 12,120 5. available distributions: 15DEG, 20DEG, 25DEG, 30DEG, 35DEG, 40DEG, 45DEG, 50DEG, 55DEG

D. Knuckle

KAAPALM xx1 xx2 xx3

1. available material: A, BR 2. available knuckle: KM, 350R 3. add paint finish

Description

Includes LED array, optics, encapsulated driver

Knuckle Assembly



PALM INTERNAL ACCESSORIES

Internal Accessories can be ordered separate and are field replaceable

| INTERNAL HONEYCOMB LOUVER Hexagonal cell louver with 45°cut-off includes retaining ring | Example: IHLPALM |
|--|--|
| INTERNAL ACCESSORY LENSES L1 Prismatic Lens L2 Linear Spread Lens L3 Softening Lens includes retaining ring | Examples: LAPALM L1 LAPALM L2 LAPALM L3 |
| INTERNAL COLORED FILTERS• FAAmber• FGGreen• FGDGreen Dichroic• FLBLight Blue• FMMercury Vapor• FMBMedium Blue• FMBDMedium Blue Dichroic• FRRed• FRDRed Dichroic• includes retaining ring | Examples: CFPALM FA CFPALM FG CFPALM FGD CFPALM FMB CFPALM FMB CFPALM FMBD CFPALM FR CFPALM FR |

