

DATE

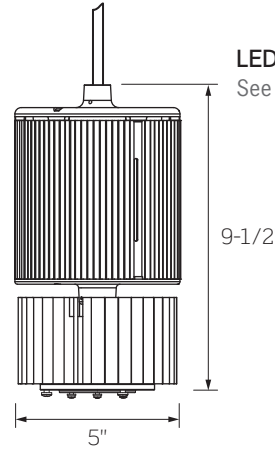
PROJECT

TYPE

CPL CHAMPION PENDANT LUMINAIRES | Cylinder Series



Double Glass Cylinder Set
See Page 3 for complete Cylinder Shade offering



LED Module
See Page 3 for Individual Shade Dimensions

| | CPL2 | CPL3 | CPL4 ¹ | CPL5 ¹ | CPL6 ¹ | CPL7 ^{1,2} |
|---------------------------|--|--------|---|-------------------|-------------------|---------------------|
| WATTAGE | 23W | 36W | 50W | 57W | 65W | 90W |
| LUMEN OUTPUT ³ | 3330Lm | 4650Lm | 5950Lm | 8450Lm | 9400Lm | 11900Lm |
| COLOR TEMPERATURE | 2700K, 3000K, 3500K, 4000K | | | | | |
| CRI | 83 (80min) | | | | | |
| DRIVER INPUT VOLTAGE | 120 – 277V, 50/60Hz | | | | | |
| DIMMING TYPE | TRIAC/ELV/0 – 10V | | 0 – 10V | | | |
| DRIVER LOCATION | <ul style="list-style-type: none"> • Integral Mount, in LED Module Housing • Canopy Mount; with or without Battery Back-Up • Remote Mount; with or without Battery Back-Up | | <ul style="list-style-type: none"> • Canopy Mount; with or without Battery Back-Up • Remote Mount; with or without Battery Back-Up | | | |
| MOUNTING | <ul style="list-style-type: none"> • Flexible Cable • Rigid Stem⁴ • Eye Hook & 6 Ft. Cord with 120V or 277V Twist Lock Plug⁵ • 3/4" Threaded Rigid Conduit Adapter | | <ul style="list-style-type: none"> • Flexible Cable² • Rigid Stem^{2,4} • 3/4" Threaded Rigid Conduit Adapter | | | |
| LISTINGS | cCSAus Certified to UL Standards; Suitable for Damp Locations ENERGY STAR® Listed Tested in compliance with the Canadian Standards Association (CSA) as set forth in C22.2 No. 141, "Unit Equipment for Emergency Lighting." | | | | | |
| WARRANTY | Five (5) year replacement after date of purchase | | | | | |
| SYSTEM RATING | 50,000 Hours @ 70% Lumen Maintenance | | | | | |

1. CPL4 through CPL7 Available in Canopy and Remote Mount options only
2. CPL7 Must be suspended at least 3 feet from Canopy
3. Lumen values vary by shade selection; see photometric reports for actual delivered lumens by shade type
4. Rigid Stem Mount units CPL2 through CPL6 include Swivel Ceiling Canopy and 6-inch Stem; CPL7 Rigid Stem Canopy Mount includes Swivel Canopy and 36-inch stem, CPL7 Rigid Stem Remote Mount includes Canopy and 6-inch stem. Extra Stem lengths must be ordered separately as needed.
5. Use of Cord and Plug mounting options limited to CPL2 and CPL3 Models only

ORDERING INFORMATION

For Complete Luminaire, Select: **LED Module** (Page 2)

Performance Shade (Page 3)

Optional Accessories (Page 4)

LED MODULE SELECTION PAGE 2

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ORDERING INFORMATION

LED MODULE + DECORATIVE SHADE + LUMINAIRE OPTIONS = COMPLETE LUMINAIRE

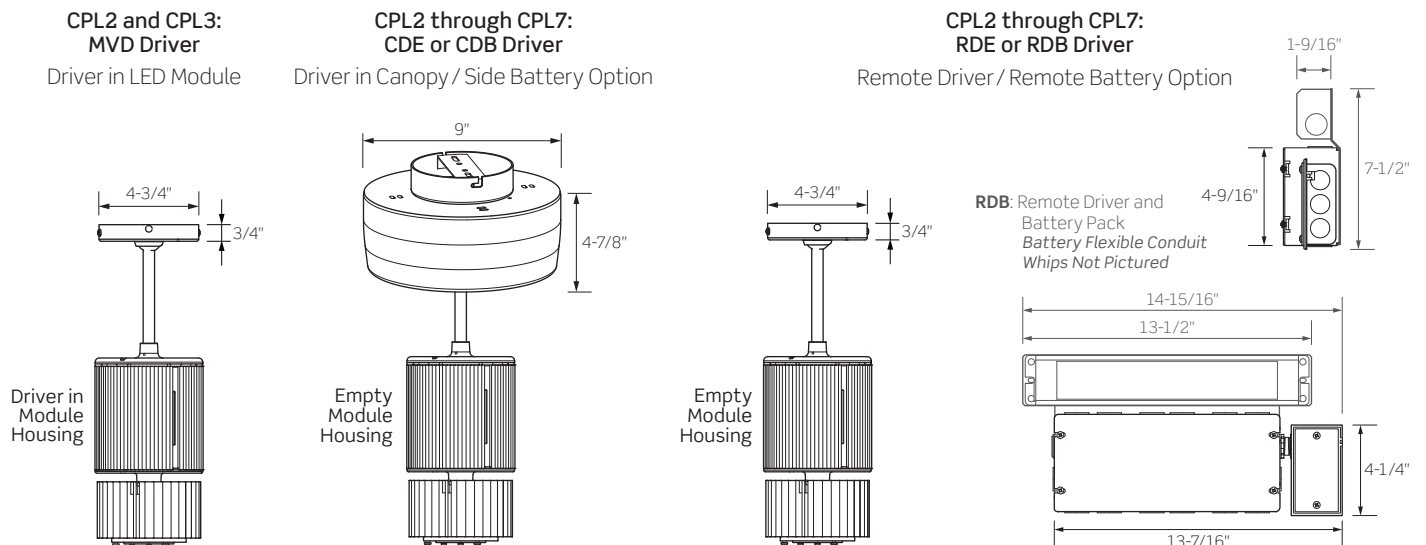
LED MODULE

Example Order: -

| LED Module | CCT/CRI | Electrical/Dimming | Mounting | Finish |
|---------------------------------|--------------------|---|--|---------------------------------------|
| CPL2 - 23W | 83 (80min) CRI | MVD - 120/277V TRIAC/ELV/0-10V Driver for CPL2 and CPL3 only | FC - Flexible Cable | B - Black Housing/ Black Cord |
| CPL3 - 36W | 27K - 2700K | Canopy and Remote Mount Options: <i>CPL2, CPL3 & CPL4 include 120/277V TRIAC/ELV/0-10V Driver</i> <i>CPL5, CPL6 & CPL7 include 120/277V 0-10V Driver</i> | RS³ - Rigid Stem | P - White Housing/ White Cord |
| CPL4¹ - 50W | 30K - 3000K | | ECP12⁴ - Eye Hook, 6 Ft Cord and Twist Lock Plug (120V, 15A NEMA) | S - Silver Housing/ Black Cord |
| CPL5¹ - 57W | 35K - 3500K | CDE - Canopy Mount Driver | ECP27⁴ - Eye Hook, 6 Ft Cord and Twist Lock Plug (277V, 15A NEMA) | |
| CPL6¹ - 65W | 40K - 4000K | CDB - Canopy Mount Driver/Battery Backup | RIG34⁵ - 3/4-Inch Threaded Rigid Conduit Adapter (No Canopy provided with Pendant) | |
| CPL7^{1,2} - 90W | | RDE - Remote Mount Driver | | |
| | | RDB - Remote Mount Driver/Battery Backup | | |

- CPL4 through CPL7 Are available in RDE, RDB, CDE or CDB versions only
- CPL7 Must be suspended at least 3 feet from Canopy
- Rigid Stem (RS) Mount units CPL2 through CPL6 include Swivel Ceiling Canopy and 6-inch Stem; CPL7 Rigid Stem (RS) Canopy Mount includes Swivel Canopy and 36-inch stem, CPL7 Rigid Stem (RS) Remote Mount includes Canopy and 6-inch stem. Extra Stem lengths must be ordered separately as needed. Max. Stem Length: 10 Feet with Coupling Option.
- Use of Cord and Plug Mounting Options (ECP12 and ECP27) is limited to CPL2 and CPL3 only
- RIG34 Requires RDE or RDB when used with CPL4 through CPL7

LED MODULE/DRIVER/CANOPY SCHEMATICS



SHADE SELECTION PAGE 3

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ORDERING INFORMATION

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CYLINDER SHADES



CYPL SERIES
5-In. Cylinder with Reflector



CY7M
7-In. Metal Cylinder



CY7G
7-In. Glass Cylinder



CYDG
Double Glass Cylinder

CYLPL4 - 5-In. Cylinder, 45° Reflector

CYLPL7 - 5-In. Cylinder, 74° Reflector

CY7M - 7-In. Metal Cylinder

CY7G - 7-In. Frosted Glass Cylinder

CYDG - Double Glass Cylinder Set:
5-1/2-In. Inner Frosted Glass Cylinder plus
7-In. Outer Clear Glass Cylinder

Mntg Hardware Finish

B - Black

P - White

S - Silver

LUMINAIRE OPTIONS

Rigid Stems

For "RS" Mount Only; Maximum Stem Length: 10 Feet

ST6 - 6-In Stem

ST30 - 30-In Stem

ST12 - 12-In Stem

ST36 - 36-In Stem

ST18 - 18-In Stem

ST42 - 42-In Stem

ST24 - 24-In Stem

ST48 - 48-In Stem

COUPLING - External Coupler for Connecting Stems

STEMCTC - Close-to-Ceiling Mount Threaded Stem
For use with RS Mount only
Allows for Close-to-Ceiling Mount of Pendant to Canopy

Finish

B - Black

P - White

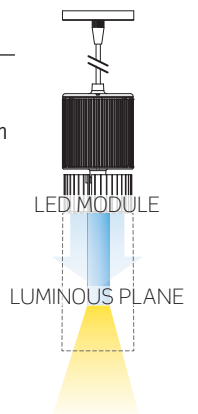
S - Silver

Optional Light Pipe

For use in 7-inch Metal Cylinder Shades (CY7M) with CPL2 through CPL5 (32W through 57W) LED Modules Only

9900525 - Medium Beam Distribution Holder Included

The Light Pipe is used to shift the luminous plane of the LED Module which results in a uniform 67° beam



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PRODUCT DETAILS

Construction

- Decorative design and simple installation with a thin Ceiling Canopy and a compact Driver Housing/Heat Sink
- Metal or Glass Cylinders and Double Glass Cylinder Shades offer additional configurations for numerous applications
- Optional Light Pipe, optically engineered, moves the Luminous Plane from the LED Module down 6 inches to allow for proper medium beam spread distribution out of the Cylinder Shades without the use of parabolic reflectors. Results in improved beam distribution and fixture spacing criteria.
- Installation options: Cable or Stem Monopoint Ceiling Canopies, Eye Hook & Cord with Twist Lock Plug (120V or 277V) or 3/4-inch Threaded Rigid Conduit Adapter
- Flexible Cable installation includes a 120-inch field adjustable Flexible Cable
- For Stem installation, a ceiling Canopy with swivel for use on ceilings with up to a 45-degree slope and 6-inch Stem are included for CPL2 through CPL6. CPL7 Rigid Stem Canopy Mount includes Swivel Canopy and 36-inch stem, CPL7 Rigid Stem Remote Mount includes Canopy and 6-inch stem. Extra Stem lengths must be ordered separately as needed.
- Additional Rigid Stem lengths are sold separately, ranging from 6- to 48-inches long
- Maximum Stem Length: 10 feet with use of coupling option
- CPL7 Must be suspended at least 3 feet from Canopy
- Hook, Cord and Twist Lock Plug mounting options available for CPL2 and CPL3 only
- No Canopy is provided when using the 3/4-inch Threaded Rigid Conduit Adapter mounting option

Performance Summary

- High output LED Module is available in 2700K, 3000K, 3500K and 4000K color temperatures; CRI of 80 min., 83 typical
- Excellent fixture-to-fixture color consistency within a 3-step MacAdam Ellipse tolerance
- All CPL fixtures are available for non-dimming and dimming applications. CPL2 and CPL3 luminaires are standard with a Universal Driver capable of TRIAC/ELV/0-10V Dimming down to 10%. CPL4 through CPL7 Luminaires are standard with a Driver capable of 0-10V Dimming down to 10%.
- Remote Mount Emergency Battery Backup option available

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CPL CHAMPION PENDANT LUMINAIRES | Cylinder Series

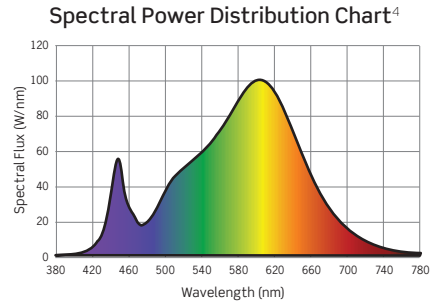
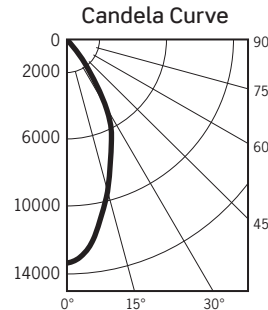
PHOTOMETRICS

All testing was done using the CPL730KCDFC LED Module: 90W 3000K, Canopy Mount 0-10V Driver

CYLPL4: 5-IN. CYLINDER, 45° REFLECTOR

Fixture Delivered Lumens: 8932.4
 Total Watts@120V: 91.4
 Lumens Per Watt: 97.7
 Center Beam Candle Power: 13398
 Beam Distribution: 47.5°
 Spacing Criterion: 0.80
 Color Rendering Index (CRI)¹: 83
 Color Temperature (CCT)²: 3147K
 Designed for 50,000 Hour Lamp Life³
 LM-63 Test No. G21102801
 LM-79 Test No. 86072

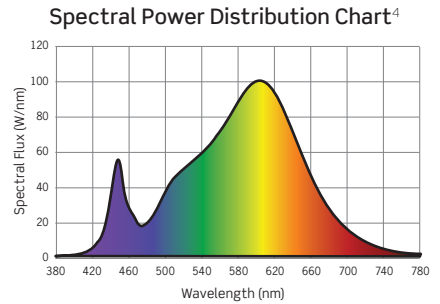
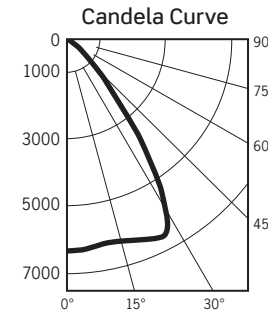
| DISTANCE (FT.) | FOOTCANDLES (FC) | BEAM DIAMETER (FT.) |
|----------------|------------------|---------------------|
| 6 FT | 372.2 | 5.3 |
| 8 FT | 209.3 | 7.0 |
| 10 FT | 134.0 | 8.8 |
| 12 FT | 93.0 | 10.6 |
| 14 FT | 68.4 | 12.3 |
| 16 FT | 52.3 | 14.1 |



CYLPL7: 5-IN. CYLINDER, 74° REFLECTOR

Fixture Delivered Lumens: 9512.5
 Total Watts@120V: 91.4
 Lumens Per Watt: 104.1
 Center Beam Candle Power: 6331
 Beam Distribution: 75.1°
 Spacing Criterion: 1.10
 Color Rendering Index (CRI)¹: 83
 Color Temperature (CCT)²: 3147K
 Designed for 50,000 Hour Lamp Life³
 LM-63 Test No. G21102802
 LM-79 Test No. 86072

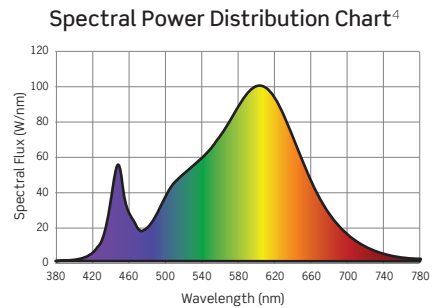
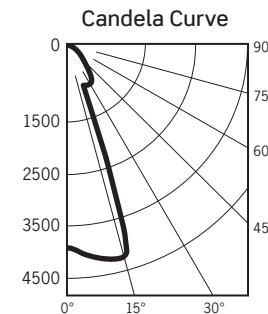
| DISTANCE (FT.) | FOOTCANDLES (FC) | BEAM DIAMETER (FT.) |
|----------------|------------------|---------------------|
| 6 FT | 175.9 | 9.2 |
| 8 FT | 98.9 | 12.3 |
| 10 FT | 63.3 | 15.4 |
| 12 FT | 44.0 | 18.5 |
| 14 FT | 32.3 | 21.5 |
| 16 FT | 24.7 | 24.6 |



CY7M: 7-IN. METAL CYLINDER

Fixture Delivered Lumens: 4087.3
 Total Watts@120V: 91.3
 Lumens Per Watt: 44.8
 Center Beam Candle Power: 3929
 Beam Distribution: 38.5°
 Spacing Criterion: 0.53
 Color Rendering Index (CRI)¹: 83
 Color Temperature (CCT)²: 3147K
 Designed for 50,000 Hour Lamp Life³
 LM-63 Test No. G21102702
 LM-79 Test No. 86072

| DISTANCE (FT.) | FOOTCANDLES (FC) | BEAM DIAMETER (FT.) |
|----------------|------------------|---------------------|
| 6 FT | 109.1 | 4.2 |
| 8 FT | 61.4 | 5.6 |
| 10 FT | 39.3 | 7.0 |
| 12 FT | 27.3 | 8.4 |
| 14 FT | 20.0 | 9.8 |
| 16 FT | 15.3 | 11.2 |



1. Accuracy of Rendering Colors 2. Color Appearance of Light Source 3. Dependent on Surrounding Temperatures 4. Colors Present within the Light Source

PHOTOMETRIC MULTIPLICATION FACTORS

Lumen output values fluctuate based on Color Temperature and Luminaire Wattage/Output. To estimate lumen output of these various options, multiply 3000K results by the following:

| CCT MULTIPLIERS | | | | OUTPUT MULTIPLIERS | | | | | | ACCESSORY MULTIPLIERS | | |
|-----------------|---------|-------|---------|--------------------|----------|----------|----------|----------|----------|-----------------------|----------------|------|
| CCT | STD CRI | CCT | STD CRI | CPL2 23W | CPL3 36W | CPL4 50W | CPL5 57W | CPL6 65W | CPL7 90W | PASFLA12 LENS | 0.95 | |
| 2700K | 0.92 | 3500K | 1.03 | 0.28 | 0.39 | 0.50 | 0.71 | 0.79 | 1.00 | PASFLA12F LENS | 0.92 | |
| 3000K | 1.00 | 4000K | 1.04 | | | | | | | PACDLA12 LENS | 0.91 | |
| | | | | | | | | | | | DECO LENS KITS | 0.89 |

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PHOTOMETRICS

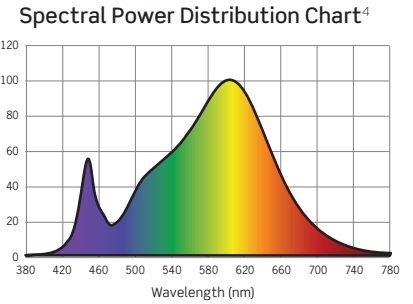
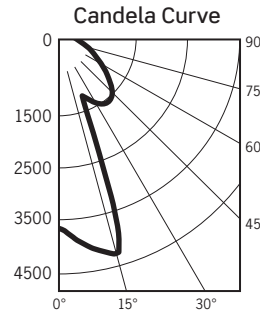
All testing was done using the CPL730KCDFC LED Module: 90W 3000K, Canopy Mount 0-10V Driver

CY7G: 7-IN. FROSTED GLASS CYLINDER

Fixture Delivered Lumens: 8439.7
 Total Watts@120V: 91.4
 Lumens Per Watt: 92.3
 Center Beam Candle Power: 3633
 Beam Distribution: 40.2°
 Spacing Criterion: 0.87
 Color Rendering Index (CRI)¹: 83
 Color Temperature (CCT)²: 3147K

Designed for 50,000 Hour Lamp Life³
 LM-63 Test No. G21102701
 LM-79 Test No. 86072

| DISTANCE (FT.) | FOOTCANDLES (FC) | BEAM DIAMETER (FT.) |
|----------------|------------------|---------------------|
| 6 FT | 100.9 | 4.4 |
| 8 FT | 56.8 | 5.9 |
| 10 FT | 36.3 | 7.3 |
| 12 FT | 25.2 | 8.8 |
| 14 FT | 18.5 | 10.3 |
| 16 FT | 14.2 | 11.7 |

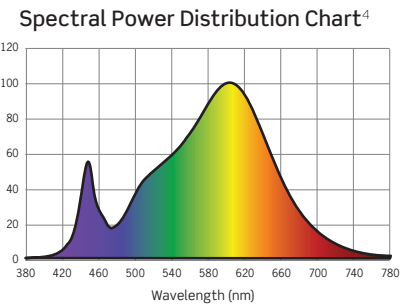
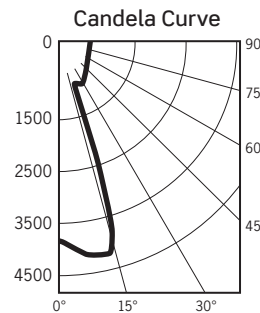


CYDG: DOUBLE GLASS CYLINDER SET

Fixture Delivered Lumens: 9477.5
 Total Watts@120V: 91.3
 Lumens Per Watt: 103.8
 Center Beam Candle Power: 3831
 Beam Distribution: 38.5°
 Spacing Criterion: 0.54
 Color Rendering Index (CRI)¹: 83
 Color Temperature (CCT)²: 3147K

Designed for 50,000 Hour Lamp Life³
 LM-63 Test No. G21102703
 LM-79 Test No. 86072

| DISTANCE (FT.) | FOOTCANDLES (FC) | BEAM DIAMETER (FT.) |
|----------------|------------------|---------------------|
| 6 FT | 106.4 | 4.2 |
| 8 FT | 59.9 | 5.6 |
| 10 FT | 38.3 | 7.0 |
| 12 FT | 26.6 | 8.4 |
| 14 FT | 19.5 | 9.8 |
| 16 FT | 15.0 | 11.2 |



1. Accuracy of Rendering Colors 2. Color Appearance of Light Source 3. Dependent on Surrounding Temperatures 4. Colors Present within the Light Source

PHOTOMETRIC MULTIPLICATION FACTORS

Lumen output values fluctuate based on Color Temperature and Luminaire Wattage/Output. To estimate lumen output of these various options, multiply 3000K results by the following:

| CCT MULTIPLIERS | | | | OUTPUT MULTIPLIERS | | | | | | ACCESSORY MULTIPLIERS | | |
|-----------------|---------|-------|---------|--------------------|----------|----------|----------|----------|----------|-----------------------|----------------|------|
| CCT | STD CRI | CCT | STD CRI | CPL2 23W | CPL3 36W | CPL4 50W | CPL5 57W | CPL6 65W | CPL7 90W | PASFLA12 LENS | | |
| 2700K | 0.92 | 3500K | 1.03 | 0.28 | 0.39 | 0.50 | 0.71 | 0.79 | 1.00 | PASFLA12F LENS | 0.92 | |
| 3000K | 1.00 | 4000K | 1.04 | | | | | | | PACDLA12 LENS | 0.91 | |
| | | | | | | | | | | | DECO LENS KITS | 0.89 |