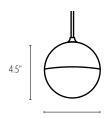
PROJECT NAME: \_



# Glowball™

# **FEATURES**

- AVAILABLE WITH TUNABLE WHITE AND RGBW LIGHT SOURCES
- ELEGANT & CONTEMPORARY SPHERE WITH ROBUST FROSTED SILICONE DIFFUSER
- FIXTURES CAN BE CLUSTERED TOGETHER TO CREATE LARGE SCALE INSTALLATIONS
- DIE-CAST ALUMINUM BODY
- FIELD REPLACEABLE LEDS AND DRIVERS
- AVAILABLE IN 80+ CRI AND 90+ CRI (R9>50)



4.5"



















# **CATALOG CODES**

GB1	<b>-</b> B -	04	- FS	- E	- Ē	- UNV	- Н	-	<b>-</b> J
SERIES	HANGING SYSTEM	SIZE	DIFFUSER	FINISH	LIGHT SOURCE	VOLTAGE	OAH	CONTROL	OPTIONS

SPECIFY CATALOG CO	DE					
A		В	С	D		E
SERIES		HANGING SYSTEM	SIZE	DIFFUSER	STANDARD FINISHES	PREMIUM FINISHES
	P1CF	PENDANT WITH 5.75" SURFACE MOUNT CANOPY, SINGLE <u>SILVER</u> POWER CORD; MOUNTS TO 4X4 OCTAGON J-BOX (BY OTHERS); <b>NOTE:</b> STATIC WHITE MOUNTING ONLY	04	FS FROSTED SILICONE	POWDER COAT FINISHES BKP BLACK	METAL FINISHES BAL BRUSHED ALUMINUM
	P1FE	PENDANT WITH 6" FLAT CANOPY, SINGLE <u>SILVER</u> POWER CORD; MOUNTS TO OCL RECESSED J-BOX (PROVIDED BY OCL); <b>NOTE:</b> STATIC WHITE MOUNTING ONLY			BMP BRASS METALLIC BNP BRONZE BTP BLACK TEXTURED	EVERWOODS POWDER COAT FINISHES (BODY ONLY) WPDP WHITE PINE
GB1 GLOWBALL	P1HA	PENDANT WITH 8" SURFACE MOUNT CANOPY, SINGLE <u>SILVER</u> POWER CORD; MOUNTS TO 4X4 OCTAGON J-BOX (BY OTHERS); <b>NOTE:</b> TUNABLE WHITE OR RGBW MOUNTING ONLY			GRP GRAPHITE GLP GOLDTASTIC MWP MATTE WHITE SGP STEFL GRAY	PNDP PINE CRDP CHERRY TKDP TEAK
	Р1ЈА	PENDANT WITH 5" FLAT CANOPY, SINGLE <u>SILVER</u> POWER CORD; MOUNTS TO 4X4 OCTAGON J-BOX (BY OTHERS); REMOTE DRIVER ENCLOSURE			SMP SILVER METALLIC SWP SKY WHITE WTP WHITE TEXTURED	WLDP WALNUT DLDP DARK WALNUT LWDP LIGHT BARNWOOD DWDP DARK BARNWOOD

	F			G	Н		ı		J
	LIGHT SOURCE			VOLTAGE	ОАН*		CONTROL		OPTIONS
LED OUTPUT LED1	COLOR TEMP (80+ CRI) 27K 30K 35K 40K	COLOR TEMP (90+ CRI) 927K 930K 935K 940K	UNV	120-277	48 100 144	DM1	O-10V DIMMING 1%	ULD BIOS MOD	UL DAMP LABEL BIOS SKYBLUE™ OR BIOS SKLYBLUE™ DYNAMIC LIGHT ENGINE** MODIFIED LUMINAIRE (CONTACT LOCAL REP)
тwн1	2700K -	E WHITE - 5000K -; R9 50+				DM8	DUAL 0-10V DIMMING 0.1%  NOTE: REQUIRES P1HA OR P1JA HANGING SYSTEM  DALI TYPE 8 CONTROL SYSTEM, DIMMABLE TO 0.1%  NOTE: REQUIRES P1HA OR P1JA HANGING SYSTEM		
RGBW	RG	BW				DMX	DMX CONTROL; DIMMABLE TO 0.1%  NOTE: REQUIRES P1HA OR P1JA HANGING SYSTEM		

# SAMPLE CODE: GB1-P1CF-04-FS-BTP-LED1/35K-UNV-44-DM1

## **MODS, NOTES, & COMMENTS**

		04
LED1	LUMENS DELIVERED	635
LEDI	SYSTEM WATTAGE	8
TWH1	LUMENS DELIVERED	635
IWNI	SYSTEM WATTAGE	8

This chart was created for a 35K color temp. Multiply by 0.95 for 27k color temp, 0.97 for 30k color temp, and 1.03 for 40k color temp. Wattage and lumen data for TWH1 approx. pending LM-79 testing.; contact factory for RGBW.

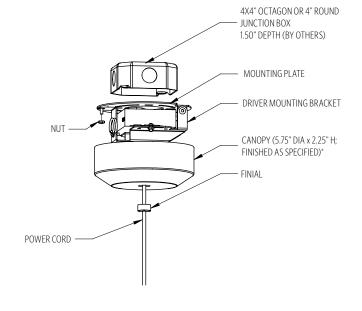
Values shown for 80+ CRI. For 90+ CRI lumens use 0.85 multiplier.

 $<sup>^{\</sup>star}$  For Minimum OAH, see hanging systems details. Fixture will ship with one of three standard OAH's (48", 100" or 144") field adjustable to the desired height.

<sup>\*\*</sup>Contact factory for **BIOS SkyBlue**® or **BIOS SkyBlue**® **Dynamic** light engine and control options. Fixtures with P1JA or P1FE hanging system or any Everwoods finish, canopy will be MWP unless specified; Fixtures with P1CF or P1HA hanging system, canopy will match finish choice.

PENDANT WITH 5.75" SURFACE MOUNT CANOPY, SINGLE SILVER POWER CORD; MOUNTS TO 4X4 OCTAGON J-BOX (BY OTHERS);

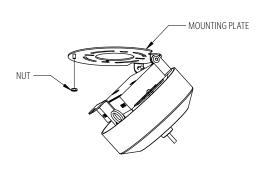
NOTE: STATIC WHITE MOUNTING ONLY



MOUNTING	INFORMAT	ION CHART
FIXTURE DIA.	FIXTURE WEIGHT	MIN/MAX OAH
04	3 LBS	10"/144"

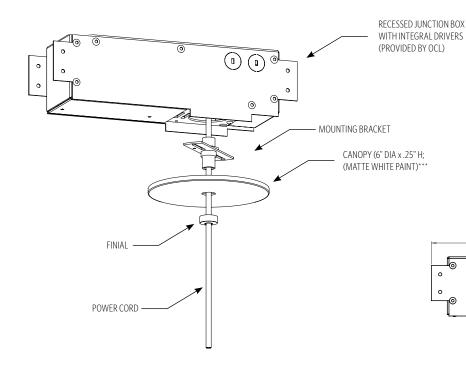
P1CF ships with one of three OAH's (48", 100" or 144") and is field adjustable to the desired height.

\*\*\*Fixtures with PIJA or PIFE hanging system or any Everwoods finish, canopy will be MWP unless specified; Fixtures with PICF or PIHA hanging system, canopy will match finish choice.



P1FE PENDANT WITH 6" FLAT CANOPY, SINGLE SILVER POWER CORD; MOUNTS TO OCL RECESSED J-BOX (PROVIDED BY OCL)\*;

NOTE: STATIC WHITE MOUNTING ONLY

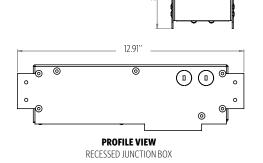


MOUNTING	INFORMAT	ION CHART
FIXTURE DIA.	FIXTURE WEIGHT	MIN/MAX OAH
04	3 LBS	10"/144"

P1FE ships with one of three OAH's (48", 100" or 144") and is field adjustable to the desired height.

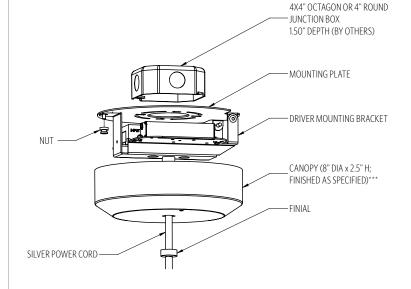
\*\*\*Fixtures with **P1JA** or **P1FE** hanging system or any **Everwoods finish**, canopy will be **MWP** unless specified; Fixtures with **P1CF** or **P1HA** hanging system, canopy will match finish choice.

3.60"



3.75

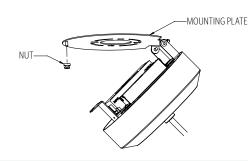




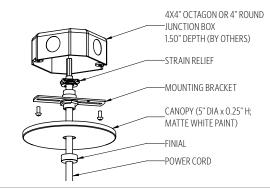
MOUNTING	INFORMAT	ION CHART
FIXTURE DIA.	FIXTURE WEIGHT	MIN/MAX OAH
04	3 LBS	10"/144"

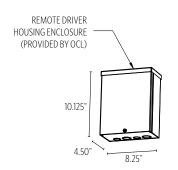
P1HA ships with one of three OAH's (48", 100" or 144") and is field adjustable to the desired height.

Fixtures with P1JA or P1FE hanging system or any Everwoods finish, canopy will be MWP unless specified; Fixtures with P1CF or P1HA hanging system, canopy will match finish choice.









MOUNTING INFORMATION CHART				
FIXTURE DIA.	FIXTURE WEIGHT	MIN/MAX OAH		
04	3 LBS	10"/144"		

P1JA ships with one of three OAH's (48", 100" or 144") and is field adjustable to the desired height.

Fixtures with **P1JA** or **P1FE** hanging system or any Everwoods finish, canopy will be MWP unless specified; Fixtures with  $\mbox{\bf P1CF}$  or  $\mbox{\bf P1HA}$ hanging system, canopy will match finish choice.

P1JA will include ETL listed enclosure for remote mounting drivers. Max 30' distance from luminaire for  $\mathbf{DM1}, \mathbf{DM8}, \mathbf{DALI}$  and  $\mathbf{DMX}.$ Enclosure must remain accessible

after installation.

# **DIFFUSER**

# **FINISHES:**



FS FROSTED SILICONE

# **METALLIC POWDER COAT FINISHES:**



**SMP** 

SILVER

GRP GRAPHITE



SGP

STEEL GRAY





GOLDTASTIC



**BRASS** 

FINISH

**BNP BRONZE** 

# **PREMIUM METAL FINISHES:**



BRUSHED ALUMINUM

# **SOLID POWDER COAT FINISHES:**



**SWP** MWP SKY WHITE MATTE WHITF





**BKP BLACK** 



BTP **BLACK** TEXTURED



**TEXTURED POWDER COAT FINISHES:** 

WTP WHITE TEXTURED

RAL\*, Pantone\* or custom finishes are also available.

These colors are for reference only. Please be aware that colors may vary per monitor. Contact your local rep for finish samples or with any questions.

# **EVERWOODS POWDER COAT COLLECTION:**



**PNDP** PINE



CHERRY









DLDP



BARNWOOD

LWDP LIGHT

DWDP DARK BARNWOOD

WALNUT

# LIGHT SOURCE

		04
LED1	LUMENS DELIVERED	635
	SYSTEM WATTAGE	8
TWH1	LUMENS DELIVERED	635
IWHI	SYSTEM WATTAGE	8

This chart was created for a 35K color temp. Multiply by 0.95 for 27k color temp, 0.97 for 30k color temp, and 1.03 for 40k color temp. Wattage and lumen data for **TWH1** approx. pending LM-79 testing.; contact factory for **RGBW**.

Values shown for 80+ CRI. For 90+ CRI lumens use 0.85 multiplier.

STANDARD COLOR TEMPERATURE OPTIONS	CRI	(RA)	
2700K	80+	90+	
3000K	80+	90+	
3500K	80+	90+	
4000K	80+	90+	
TWH1	90+		
RGBW	N/A		

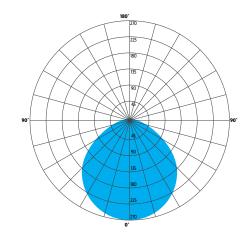
ZONE	LUMENS	% OF LUMINAIRE
0-30	165	26%
0-60	485	76%
0-90	610	96%
90-180	25	4%
0-180	635	100%

# PHOTOMETRY:

LUMINAIRE: GB1-PICF-04-FS-WTP-LED1\_35K-UNV-36-DM1

COLOR TEMP #: 3500K EFFICACY: 79 LM/W TEST REPORT: TEST NO. 20859.0

For all available IES files, please visit our website at ocl.com.



# **CONTROL**

#### **0-10V DIMMING 1%** DM1

- 0-10V DIMMING PROTOCOL
- 1% MINIMUM DIM LEVEL
- ELECTRONIC DRIVER
- POWER FACTOR > 0.9
- THD <20%</li>
- MINIMUM AMBIENT OPERATING TEMPERATURE -31°F
- LINEAR DIMMING CURVE
- FIELD REPLACEABLE

#### **DALI CONTROL SYSTEM,** DALI DIMMABLE 0.1%

- DALI-2 DEVICE TYPE 6 CONTROL PROTOCOL
- 0.1% MINIMUM DIM LEVEL
- ELECTRONIC DRIVER
- POWER FACTOR > 0.9
- THD <20%</li>
- MINIMUM AMBIENT OPERATING TEMPERATURE -4°F
- LOGARITHMIC DIMMING CURVE [DEFAULT]
- FIELD REPLACEABLE

#### **DMX CONTROL DIMMABLE TO** DMX

- DMX/RDM DIMMING PROTOCOL 0.1% MINIMUM DIM LEVEL
- ELECTRONIC DRIVER
- POWER FACTOR > 0.9
- THD <20%</li>
- MINIMUM AMBIENT OPERATING TEMPERATURE -4°F
- LOGARITHMIC DIMMING CURVE [DEFAULT]
- FIELD REPLACEABLE

#### **DUAL 0-10V DIMMING 0.1%** DM8

- 0-10V DIMMING PROTOCOL
- 0.1% MINIMUM DIM LEVEL
- ELECTRONIC DRIVER
- POWER FACTOR > 0.9
- THD <20%</li>
- MINIMUM AMBIENT OPERATING TEMPERATURE -4°F
- LOGARITHMIC DIMMING CURVE [DEFAULT]
- FIELD REPLACEABLE

# **OPTIONS**

#### ULD **DAMP LABEL LUMINAIRE**

 MAY BE USED IN AN OUTDOOR AREA THAT IS PROTECTED FROM DIRECT CONTACT WITH WIND, RAIN, SNOW OR **EXCESSIVE MOISTURE** 

#### MOD **MODIFIED LUMINAIRE**

 LUMINAIRE IS MODIFIED FROM STANDARD OPTIONS; CONTACT LOCAL REP FOR MORE INFORMATION

# BIOS

- BIOS SKYBLUE™ DYNAMIC LIGHT ENGINE IS DIMMABLE AND FEATURES A SIMPLE APPROACH TO CIRCADIAN LIGHTING CONTROLS.
- WHEN PAIRED WITH THE BIOS BIO-DIMMING MODULE, IT OPERATES USING ANY SINGLE CHANNEL CONSTANT CURRENT (CC) LED DRIVER AND CAN BE USED WITH ANY STANDARD DIMMING INTERFACE/PROTOCOL (0-10V, ELV, DMX, WIRELESS) AND COULD WORK WITH EXISTING TWO-CHANNEL CONTROL SYSTEMS AS WELL.
- VISIT OCL.COM/BIOS FOR MORE INFORMATION

# SPECIFICATIONS

## CONSTRUCTION

- HOUSING IS DIE-CAST ALUMINUM
- DIFFUSER IS FROSTED SILICONE
- CANOPY IS SPUN ALUMINUM
- HARDWARE IS ZINC PLATED OR STAINLESS STEEL

## **MOUNTING**

- P1CF, P1HA AND P1JA MOUNT TO 4X4" OCTAGON OR 4" ROUND I-BOX (BY OTHER)
- P1FE MOUNTS TO OCL PROPRIETARY RECESSED J-BOX WITH INTERGRAL DRIVER (PROVIDED BY OCL)

## **ELECTRICAL**

- DIMMING ELECTRONIC DRIVER(S), COMES STANDARD
- WITH 0-10V DOWN TO 1% [STATIC WHITE]
- **BRIDGELUX COB**
- 80+ CRI = 80 RA, R9 > 0 (10-15 TYP.)
- 90+ CRI = 90 RA, R9 > 50
- FOR INTEGRAL DRIVERS: LUMINAIRE CONNECTS TO BUILDING SUPPLY (120V-277V 50/60HZ)
- FOR REMOTE DRIVERS: LUMINAIRE WIRE LEADS ARE LOW-VOLTAGE. THE WIRES SHOULD BE CONNECTED TO OCL PROVIDED REMOTE DRIVER ENCLOSURE ONLY!LISTING
- ETL LISTED TO UL 1598 FOR DRY LOCATIONS; DAMP LOCATION LISTED IS OPTION

#### WARRANTY

5 YEAR: ALL ELECTRICAL COMPONENTS RETAIN THE MANUFACTURER'S WARRANTY

## **BUILD AMERICA, BUY AMERICA (BABA)**

THIS PRODUCT MEETS THE GUILDELINES FOR THE BUILD AMERICA, BUY AMERICA ACT. SOME EXCLUSIONS APPLY, FOR MORE INFORMATION AND A FULL LIST OF ELIGIBLE SKUS, VISIT OCL.COM/BABA

## SUSTAINABILITY

- **DECLARE:** DECLARE IS AN INGREDIENT LABEL DISCLOSURE FOR BUILDING PRODUCTS THAT IS DESIGNED TO HELP SPECIFIERS OLLICKLY IDENTIFY PRODUCTS THAT SUPPORT HUMAN AND ENVIRONMENTAL HEALTH. LEARN MORE AT OCL.COM/DECLARE
- THIS PRODUCT MEETS THE MATERIAL RESTRICTIONS OF ARTICLE 4 OF THE ROHS DIRECTIVE (2011/65/EU), INCLUDING COMMISSION DELEGATED DIRECTIVE 2015/863
- **BIOS** LIGHTING CONTRIBUTES TOWARD THE CIRCADIAN LIGHTING DESIGN FEATURE 54 UNDER THE WELL BUILDING STANDARD™ V1 AND FEATURE LO3 UNDER THE WELL BUILDING STANDARD V2

# **DECLARE**



# **DECLARE: PRODUCT TRANSPARENCY IN MANUFACTURING**

Declare is the only label that combines material transparency and the Red List. It distills complex chemical ingredient information into an easy to read label. Declare helps specifiers find Red List Free products, which are healthy for people, the environment, and communities.

A product's compliance with the LBC Red List is represented on the Declare® label by the product's Declaration Status. There are three Declaration

- **DECLARED (RLD)** products disclose 100% of ingredients present in the final product, but contain one or more Red List chemicals that are not covered by an approved exception.
- LBC RED LIST APPROVED (RLA) products disclose a minimum of 99% of ingredients present in the final product and meet the LBC Red List Imperative requirements through one or more approved
- **LBC RED LIST FREE (RLF)** products disclose 100% of ingredients present at or above 100 ppm (0.01%) in the final product and do not contain any Red List chemicals.

Need more information? Visit ocl.com/declare to learn more...

# **COMMON MODIFICATIONS**

# WE'RE BUILT FOR OUT-OF-THE-BOX THINKERS.

Nearly 50% of OCL fixtures we manufacture have some type of modification. Here is a list of common modifications we frequently produce. Please contact the factory for modifications specific to your fixture or project.

Need some help? Simply send your questions to us at OCL-Ouotes@ocl.com

- BIOS, TUNABLE WHITE, WARM-DIM, & RGBW LIGHT SOURCES
- SPECIFIC LUMEN OUTPUT
- MODIFIED CLUSTERS OR CONFIGURATIONS / MULTI-DROP
- VARIOUS SHAPES, ARCS, AND CURVES FOR LINEAR PROFILES AND RINGS
- CEILING OR SURFACE MOUNTING
- LARGE SCALE MODIFICATIONS
- RAI PANTONE BRAND-SPECIFIC RETIRED OCL COLOR, OR CUSTOM FINISHES







- EMERGENCY BATTERY BACKLIP OR INVERTER OPTIONS
- REMOTE DRIVERS / EXTENDED DISTANCE REMOTE
- DIMMING TO 0.1% (DIM TO DARK)
- NON-STANDARD SIZES OR LENGTHS
- NON-STANDARD CANOPY, BODY AND/OR CORD COLORS
- SEISMIC AND/OR ANTI-SWAY SYSTEMS
- RIGID STEMS
- MODIFIED OVERALL HEIGHTS (LONGER OR SHORTER OAH)
- **UPLIGHT ADDITIONS**
- LASER ETCHING, ENGRAVING, AND CUTOUTS

The drawings and specifications and ideas, designs and arrangements represented on these drawings are and shall remain the property of The Original Cast Lighting (OCL Architectural Lighting) and no part thereof shall be copied, disclosed, to others or used in conjunction with any work or project other than the specified project for which they have been prepared and developed, without written consent of OCL. Visual contact with these plans or specifications shall constitute conclusive evidence of acceptance of these restrictions. All specifications and information subject to change without notice.