PROJECT NAME:

QTY: __



FEATURES



- SMOOTH AND ATTRACTIVE OPTICAL DESIGN SUPPLIES OUTSTANDING EFFICACY AND VISUAL COMFORT WITH MINIMAL GLARE (UGR - SEE PAGE 4 FOR DETAILS)
- SEAMLESS ONE PIECE MOLDED DIFFUSER IS FULLY ENCLOSED, ELIMINATING ACCUMULATION OF DUST AND DEBRIS
- IK10 IMPACT RATING: RUGGED & ROBUST DIFFUSER CONSTRUCTION WITHSTANDS BUMPS, HITS & STRIKES

- 18", 24", AND 36" DIAMETERS
- AVAILABLE IN 80+ CRI AND 90+ CRI
- FIELD REPLACEABLE LEDS AND DRIVERS
- 3 STEP LED BINNING
- SURFACE LUMINANCE OF < 1600 CD M/2 CAN CONTRIBUTE TO WELL AND LEED SPECIFICATIONS
- **ETL LISTED TO UL STANDARDS FOR DAMP** LOCATION (ULD OPTION)









CATALOG CODES



A		В		С	D	E
SERIES		HANGING SYSTEM		SIZE	DIFFUSER	CANOPY FINISH*
		MOUNTING TYPE*	CORD COLO	R 18	MW MATTE WHITE	POWDER COAT FINISHES BKP BLACK
	P1FK	PENDANT WITH 5.75" SURFACE MOUNT CANOPY, SINGLE CENTER AIRCRAFT CABLE AND POWER CORD; MOUNTS TO 4X4 OCTAGON J-BOX (BY OTHERS); INTEGRAL DRIVERS; NOTE: 18" AND 24" ONLY	B BLACK POWE CORD	R		BMP BRASS METALLIC BNP BRONZE BTP BI ACK TEXTURED
0	P1FB	PENDANT WITH A 6" FLAT CANOPY, SINGLE CENTER AIRCRAFT CABLE AND POWER CORD; MOUNTS TO OCL RECESSED J-BOX (PROVIDED BY OCL)	W WHITE			GRP GRAPHITE GLP GOLDTASTIC
	P1FF	PENDANT WITH 8" SURFACE MOUNT CANOPY, SINGLE CENTER AIRCRAFT CABLE AND POWER CORD; MOUNTS TO 4X4 OCTAGON J-BOX (BY OTHERS); INTEGRAL DRIVERS; NOTE: 36" ONLY	POWE CORD	R 36		MWP MATTE WHITE SGP STEEL GRAY
	P1FG	PENDANT WITH 5" FLAT CANOPY, SINGLE CENTER AIRCRAFT CABLE AND POWER CORD; MOUNTS TO 4X4 OCTAGON J-BOX (BY OTHERS); REMOTE DRIVER ENCLOSURE	NOTE: FOR P1AA & P1AN LEAVE BLANK			SMP SILVER METALLIC SWP SKY WHITE WTP WHITE TEXTURED
	P1AA	PIAA PENDANT WITH A SINGLE CENTER STEM; MOUNTS TO 4X4 OCTAGON J-BOX (BY OTHERS); NOTE: 18" AND 24" ONLY				NFA NO FINISH AVAILABL (P1FB & P1FG ONLY
	P1AN	PENDANT WITH A SINGLE CENTER STEM; MOUNTS TO 4X4 OCTAGON J-BOX (BY OTHERS); REMOTE DRIVER ENCLOSURE				PREMIUM METAL FINISHES BAL BRUSHED ALUMINUI

	F			G	Н				J
	LIGHT SOURCE		VO	LTAGE	OAH**		CONTROL		OPTIONS
LED OUTPUT LED1 LED2	COLOR TEMP (80+ CRI) 27K 30K 35K 40K	COLOR TEMP (90+CRI) 927K 930K 935K 940K	UNV	120-277	48 100 144 NOTE: PIAA & PIAN should be specified to the nearest inch	DM1	O-10V DIMMING 1% NOTE: FOR ADDITIONAL CONTROL OPTIONS, CONTACT FACTORY	ULD	DAMP LABEL MODIFIED LUMINAIRE (CONTACT LOCAL REP)

SAMPLE CODE: NE1-P1FKB-18-MW-MWP-LED1/27K-UNV-48-DM1

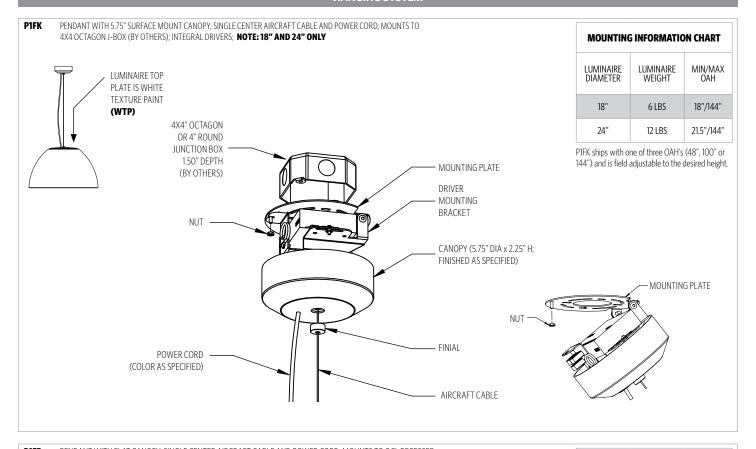
LUMEN	IS AND WATTAGE CHART	18"	24"	36"
LED1	LUMENS DELIVERED	1890	3050	6350
LEDI	SYSTEM WATTAGE	18	30	58
LED2	LUMENS DELIVERED	3320	5230	9850
LEDZ	SYSTEM WATTAGE	30	50	90

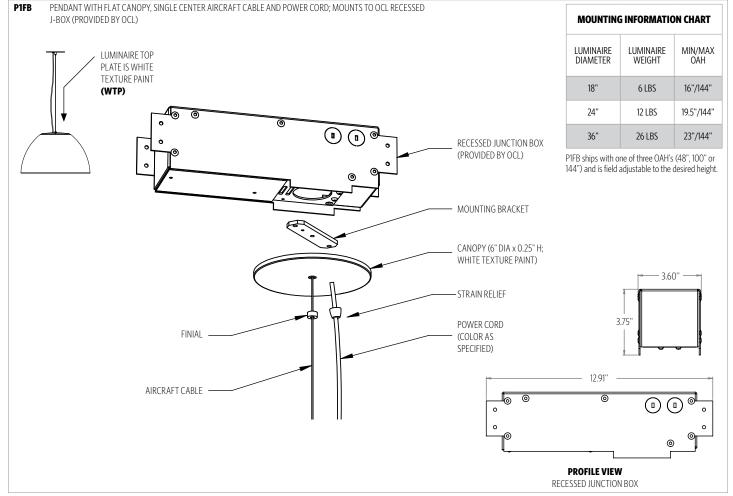
This chart was created for a 35K color temp. Multiply by 0.95 for 27k color temp, 0.97 for 30k color temp, and 1.03 for 40k color temp. Values shown for 80+ CRI. For 90+ CRI lumens use 0.85 multiplier.

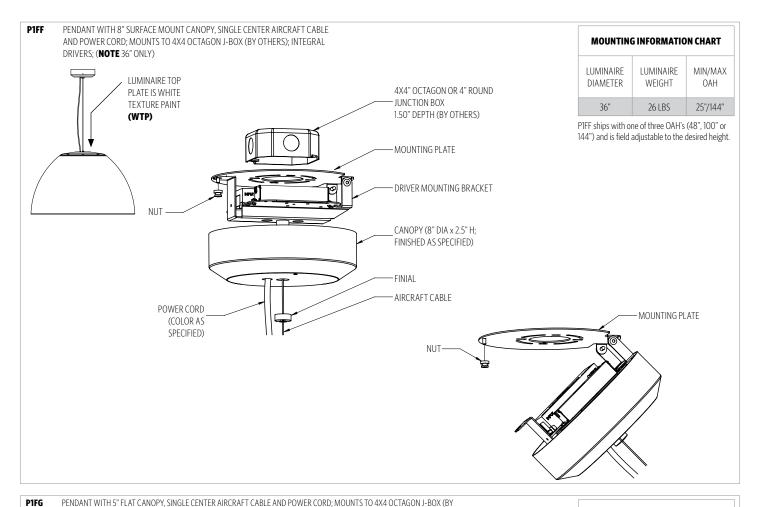
MODS.	NOTES.	& CO	MMENTS
,		~ ~ ~	

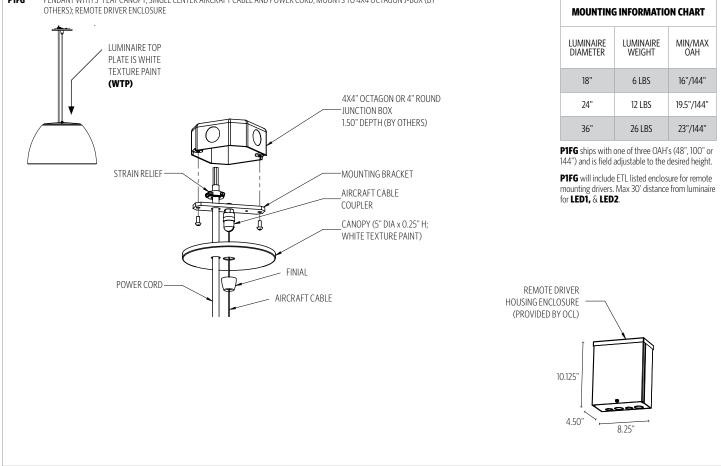
^{*} NOTE: luminaire top plate is white texture paint (WTP); PIFK, PIFF, PIAA, & PIAN canopy color finished as specified; PIFB & PIFG canopy color is WTP

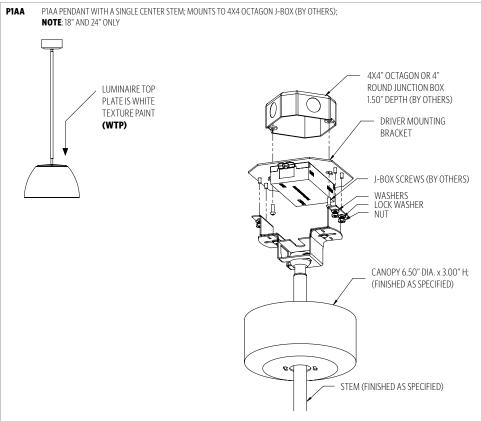
^{**} For Minimum **OAH**, see hanging systems details. **P1FK**, **P1FF**, **P1FB**, & **P1FG** will ship with one of three standard OAH's (48", 100" or 144") field adjustable to the desired height. **P1AA** & **P1AN**, specify to the nearest inch within the MIN/MAX heights detailed on page 4.







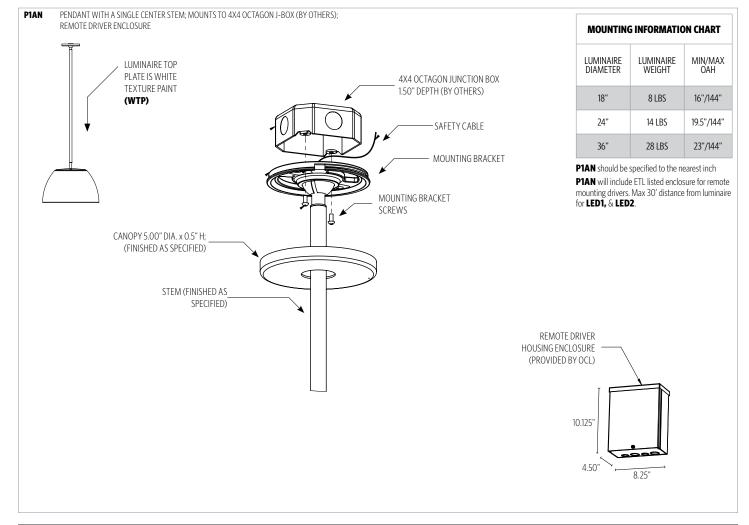




MOUNTING INFORMATION CHART					
LUMINAIRE DIAMETER	LUMINAIRE WEIGHT	MIN/MAX OAH			
18"	8 LBS	16"/144"			
24"	14 LBS	19.5"/144"			

Features a 45-degree sloped-ceiling canopy. **P1AA** should be specified to the nearest inch.











DIFFUSER

FINISH

PREMIUM METAL FINISHES:



MW MATTE WHITE

METALLIC POWDER COAT FINISHES:









GOLDTASTIC



BRONZE

TEXTURED POWDER COAT FINISHES:

TEXTURED

BAL

BRUSHED ALUMINUM

SOLID POWDER COAT FINISHES:



SKY WHITE



WHITE





TEXTURED

BMP

BRASS

ВТР WTP BLACK WHITE

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.

LIGHT SOURCE

	LUMENS AND			
V	VATTAGE CHART	18"	24"	36"
LED1	LUMENS DELIVERED	1890	3050	6350
LEDI	SYSTEM WATTAGE	18	30	58
LEDO	LUMENS DELIVERED	3320	5230	9850
LED2	SYSTEM WATTAGE	30	50	90

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

STANDARD COLOR TEMPERATURE OPTIONS	C	RI
2700K	80+	90+
3000K	80+	90+
3500K	80+	90+
4000K	80+	90+

For 80+ CRI - 80 RA, R9 > 0 (10-15 TYP.); For 90+ CRI - 90 RA, R9 > 50

ZONE	LUMENS	% OF LUMINAIRE
0-30	190	10%
0-60	627	33%
0-90	1075	57%
90-180	823	43%
0-180	1898	100%

This chart was created using NE1-XXX-18-LED1/35K testing data, and will vary with size & light source specifications chosen. See IES files on product page.

PHOTOMETRY:

LUMINAIRE: NE1-P1XX-18-MW-PTD-LED1-35K-UNV-XX-DM1

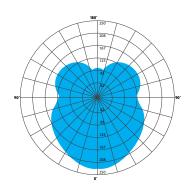
COLOR TEMP #: 3500K OUTPUT: 1898

EFFICACY: UP TO 111 LM/W

TEST REPORT: TEST NO. 105083407CRT-001

HCD VALUE CHART			
UGR VALUE CHART	18"	24"	36"
LED1	12.7	11.7	11.3
LED2	14.7	13.6	12.9

Luminaire UGR values are for reference only. UGR is a tool for designers to evaluate a complete space. It is not a check box, or an inherent characteristic of any individual luminaire.



LUMEN MAINTENANCE - 18" & 2	4"
-----------------------------	----

REPORTED:	L70 AT >60,000 HRS
CALCULATED:	L70 AT 115,000 HRS
REPORTED:	L90 AT 34,000 HRS
CALCULATED:	L90 AT 34,000 HRS

LUMEN MAINTENANCE - 36"

REPORTED:	L70 AT >60,000 HRS
CALCULATED:	L70 AT 124,000 HRS
REPORTED:	L90 AT 37,000 HRS
CALCULATED:	L90 AT 37,000 HRS

Derived from EPA TM-21 calculator. Based on typical conditions. Consult the factory for additional details.

CONTROL

0-10V DIMMING 1% DM₁

- 0-10V DIMMING
- 1% MINIMUM DIM LEVEL
- FLECTRONIC DRIVER
- POWER FACTOR > 0.9
- THD <20%
- MINIMUM AMBIENT OPERATING TEMPERATURE -31°F
- FIFI D RFPI ACFABLE
- LINEAR DIMMING CURVE
- DIM TO OFF

OPTIONS

ULD **DAMP LABEL LUMINAIRE**

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

MODIFIED LUMINAIRE

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

SPECIFICATIONS

CONSTRUCTION

- DIFFUSER IS MOLDED IN ONE PIECE WITHOUT VISIBLE SEAMS OR JOINTS; IK10 IMPACT RATED
- CAST ALUMINUM TOP PLATE WITH WHITE TEXTURE PAINT (WTP) FINISH
- HANGING SYSTEMS USE STEEL OR ALUMINUM CANOPIES WITH AIRCRAFT CABLE SUPPORTS: OR HARD STEMS
- HARDWARE IS STEEL OR STAINLESS STEEL

MOUNTING

- P1FK, P1FF, P1AA, P1FG & P1AN MOUNT TO 4X4" OCTAGON OR 4" ROUND J-BOX (BY OTHER)
- P1FB MOUNTS TO OCL PROPRIETARY RECESSED J-BOX (PROVIDED BY OCL)

ELECTRICAL

- DIMMING ELECTRONIC DRIVER, COMES STANDARD WITH 0-10V DOWN TO 1%
- OCL PROPRIETARY LED ARRAYS LISE NICHIA 757 DIODES
- FOR INTEGRAL DRIVERS: LUMINAIRE CONNECTS TO BUILDING SUPPLY (120V-277V 50/60HZ)
- FOR REMOTE DRIVERS: I LIMINAIRE WIRE I FADS 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 (ULD) LISTED IS OPTION

WARRANTY

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

BUILD AMERICA, BUY AMERICA (BABA)

• THIS PRODUCT MEETS THE GUIDELINES 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

- SURFACE LUMINANCE OF < 1600 CD M/2 CAN CONTRIBUTE TO WELL AND LEED SPECIFICATIONS
- THIS PRODUCT MEETS THE MATERIAL RESTRICTIONS OF ARTICLE 4 OF THE ROHS DIRECTIVE (2011/65/EU), INCLUDING COMMISSION DELEGATED DIRECTIVE 2015/863

SAFETY REGULATIONS

CAN BE USED FOR TITLE 24 PART 6 AND JA8-2016E COMPLIANCE — CONTACT YOUR REP FOR HELP WITH YOUR PROJECT REQUIREMENTS AND LUMINAIRE SPECIFICATION

COMMON MODIFICATIONS

WE'RE RIJLET FOR OUT-OF-THE-ROX 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-Quotes@ocl.com

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









- **EMERGENCY BATTERY BACKUP OR INVERTER OPTIONS**
- REMOTE DRIVERS / EXTENDED DISTANCE REMOTE **DRIVERS**
- 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 STFMS
- 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.