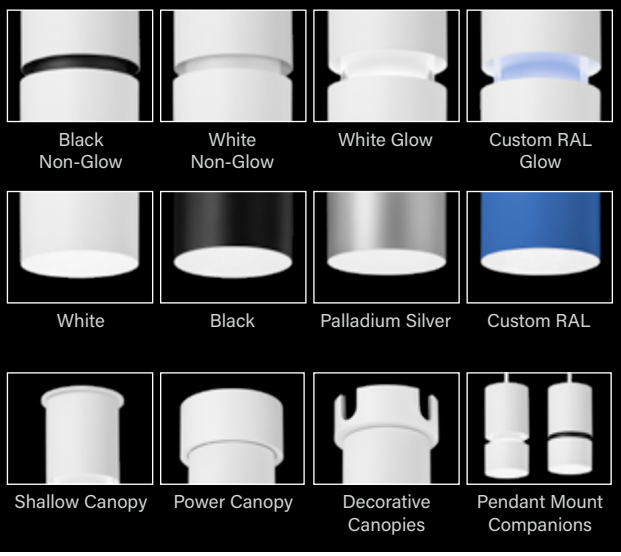
ID+ 4.5" Cylinder

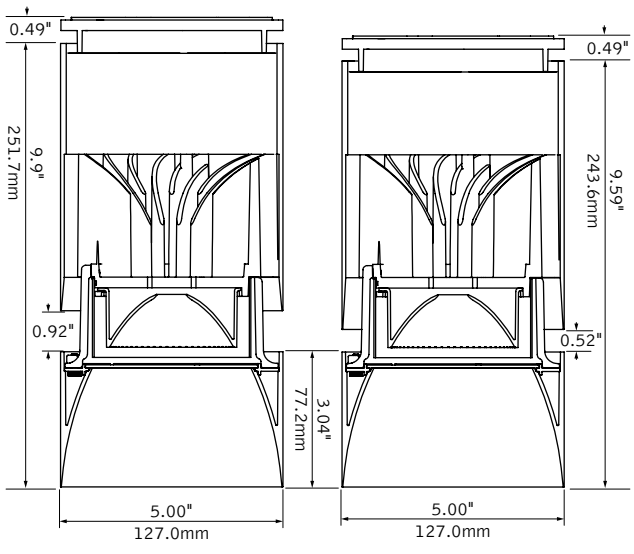
LED SURFACE MOUNT WITH DECORATIVE REVEAL

FOCAL POINT®

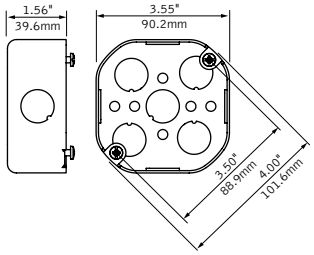
The Naturals collection - White/Chestnut shown



DIMENSIONAL DATA (continued on page 3 & 4)



4" Octogonal J-Box required
(By others)



Not Compatible with 4" Square J-Box

FEATURES

4.5" cylinder pendant with decorative reveal; glow or non-glow options.

One-piece die-cast reflector with a knife edge for a modern aesthetic.

50° cut-off for brightness control and visual comfort.

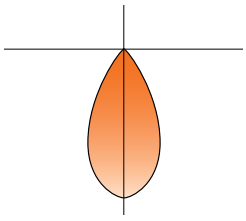
Multiple canopy options enable various driver offerings and conduit installations while maintaining premier aesthetics.

Available with The Naturals, a series of finishes that exude biophilic beauty.

Warm Dim: Lighting that enhances spaces with a warm glow, reminiscent of incandescent or halogen light sources.

PoE compatible: Integrates with Power over Ethernet lighting systems via standard, low-voltage wires.

PERFORMANCE

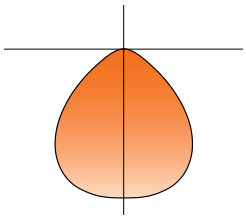


18˚ Spot

Lumen Output: 1500lm

Total System Watts: 18W

Spacing Criterion: 0.33



98˚ Super Wide Flood

Lumen Output: 1500lm

Total System Watts: 18W

Spacing Criterion: 1.34

Photometric performance is measured in accordance with IESNA LM-79.
Visit focalpointlights.com for complete photometric data.

fixture: project:

SPECIFICATIONS

LED System

Proprietary LED module with single light emitting source. May be specified in 2700K, 3000K, 3500K or 4000K in CRI>80 or CRI>90. 3500K and 4000K with CRI>90 have a cyanosis observation index (COI) of 3.3 or less. Color accuracy within 2 SDCM. Aluminum heat sink provides appropriate thermal management.

Construction

Upper housing is extruded aluminum. Lower reflector is die-cast aluminum. Twist & lock construction leaves no visible fasteners within the knife edge trim. Fixture will not exceed 5 lb.

Optics

Beam spreads achieved with optics that may be easily changed in field.

Lumen Output	Cut-Off Degree	Distribution Beam Spread | Spacing Criteria					
		SP	NFL	FL	WFL	VWFL	SWFL
1000 - 1500	50˚	18˚ | 0.33	27˚ | 0.48	35˚ | 0.59	54˚ | 0.83	69˚ | 1.02	—
	80˚	—	—	—	—	—	98˚ | 1.34
2000 - 3000	50˚	—	26˚ | 0.44	41˚ | 0.67	56˚ | 0.83	69˚ | 1.08	—
	80˚	—	—	—	—	—	98˚ | 1.34

Electrical

Choice of constant current dimming drivers. Power factor > .9 typical. PoE compatible: Integrates with Power over Ethernet lighting systems via standard, low-voltage wires. Not Right Light as standard, consult factory.

Emergency

Emergency output — 7W for 90 minutes. Maximum mounting height: 16ft.
J-box cannot be recessed above the ceiling with Emergency Battery.

Labels

UL and cUL listed. Suitable for Dry, Damp, or Wet Locations, indoor use only.

Finish

Polyester powder coat applied over a multi-stage pre-treatment. The Naturals: 100% low VOC vinyl.

Lumen Maintenance

Reported: L70 > 60,000 hours
L80 > 60,000 hours

Calculated: L70 at > 204,000 hours
L80 at > 126,000 hours

(Derived from EPA TM-21 calculator. Based on typical conditions, consult factory for additional data.)

Reliability

At Focal Point, our products are designed to stand the test of time. Each luminaire is engineered using superior components, manufactured with the utmost care and rigorously tested. Contact us for reliability data.

Warranty

LED system rated for operation in ambient environments up to 25°C. 5 year limited warranty.

PERFORMANCE TABLE

	Lumen Output	Delivered Lumens	System Watts	LPW
	1000L	1033	11	91
	1500L	1509	18	86
WD	1500L	1606	23	69
	2000L	2074	24	88
	2500L	2609	31	84
	3000L	2906	34	84

Glowing Reveal, 3500K, 80CRI, Clear Diffuse, Flood distribution. Warm Dim based on 3000 - 1800K, 90 CRI.
Lumen output may vary +/- 5%. Actual wattage may vary +/- 5%.

QS 10 DAY Options in orange qualify for the Quickship program. 10-day up to 50 pieces. Refer to Quickship Guide for complete details.

Focal Point LLC reserves the right to change specifications for product improvement without notification.

ORDERING

Luminaire Series		**FLCY4**
ID+ 4.5" Round Cylinder	FLCY4	
Trim Type		**RD**
Round	RD	
Decorative Reveal		_____
White Non-Glow Reveal	WHR	
Black Non-Glow Reveal	BKR	
White Glowing Reveal	WHG	
Custom Color Glowing Reveal[1]	RAL_ _ _ _	
Lumen Output		_____
1000 Lumens	1000L	
1500 Lumens	1500L	
2000 Lumens	2000L	
2500 Lumens	2500L	
3000 Lumens (PC & DPC Only)	3000L	
Color Temperature		_____
2700K, 80+ CRI **or** 90+ CRI	27K **or** 927K	
3000K, 80+ CRI **or** 90+ CRI	30K **or** 930K	
3500K, 80+ CRI **or** 90+ CRI	35K **or** 935K	
4000K, 80+ CRI **or** 90+ CRI	40K **or** 940K	
Warm Dim: 2700-1800K, 90+ CRI	92718W	
Warm Dim: 3000-1800K, 90+ CRI (Warm Dim: 1500L only. EMR not available)	93018W	
Single Circuit	1C	
Voltage		_____
120/277 UNV	UNV	
120 Volt	120	
277 Volt	277	
Low Voltage	LV	
Canopy Configuration (See finishes page for standard colors. Consult factory for The Naturals or custom RAL color available for shallow canopy (SC) and power canopy (PC).)		_____
Shallow Canopy, Integral Driver*	SC	
Shallow Canopy with decorative J-box cover, Integral Driver*	DSC	
Power Canopy	PC	
Power Canopy with decorative J-box cover	DPC	
Control System & Dimming Level		_____
0-10V - 0% Dimming	LZ1	
0-10V - 1% Dimming	L11	
Low Voltage, PoE compatible (No driver. Not available with EMR. SC or DSC with LV Voltage only.)	LVN	
Phase Dimming (SC with 120V only. Consult factory for recommended dimmers.)	LFP	
Lutron Hi-Lume EcoSystem (LDE1) - 1% Dimming	LH1	
Lutron Hi-Lume - Forward Phase - 1% Dimming (120V only. 1000L only.)	LTE	
DALI - 0% Dimming	DZ1	
DALI - 1% Dimming	D11	
Mounting		**SM**
Surface Mount	SM	
Optic		_____
50˚ Cut-off Cone (Not available with SWFL)	DNT	
50˚ Cut-off Cone with Solite Lens (NFL only)	DNTS	
80˚ Cut-off Cone (SWFL only)	DSS	
Distribution		_____
Spot (1000L & 1500L only)	SP	
Narrow Flood	NFL	
Flood	FL	
Wide Flood	WFL	
Very Wide Flood	VWFL	
Super Wide Flood	SWFL	
Factory Options		
Emergency Battery (J-box cannot be recessed above the ceiling. Remote test switch.)	EMR	_____
Reflector Color		**CD**
Clear Diffuse	CD	
Luminaire Finish		
Upper Housing Finish		_____
Lower Housing Finish		_____

Specify an upper and lower housing finish. See finishes page for The Naturals options and standard color combinations for cylinder, cord/stem, and canopy.

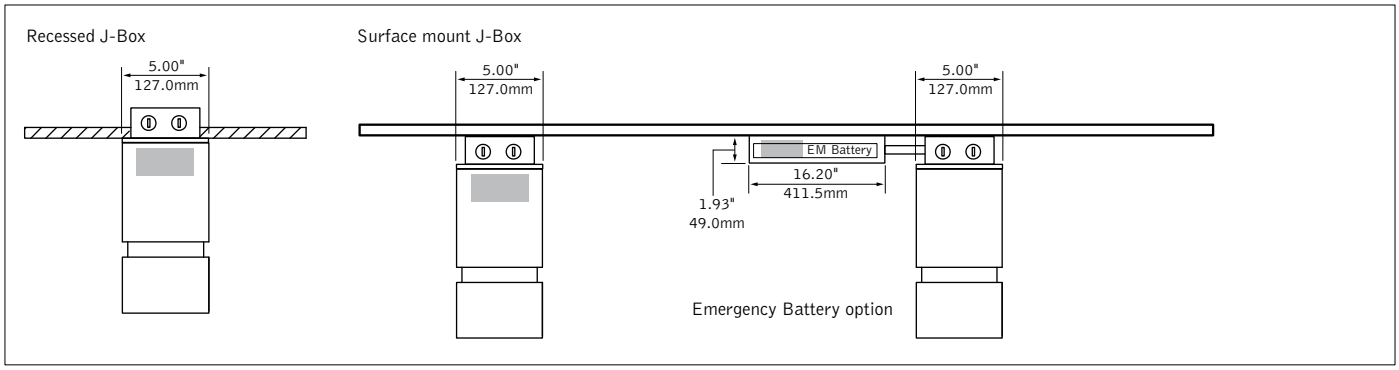
Black	BK
White	WH
Palladium Silver	PS
Custom Color[1]	RAL_ _ _ _

*(L11, LVN & LFP only. Warm Dim: 1500L only.)
[1](Specify your RAL code. Extended lead time. Consult factory.)

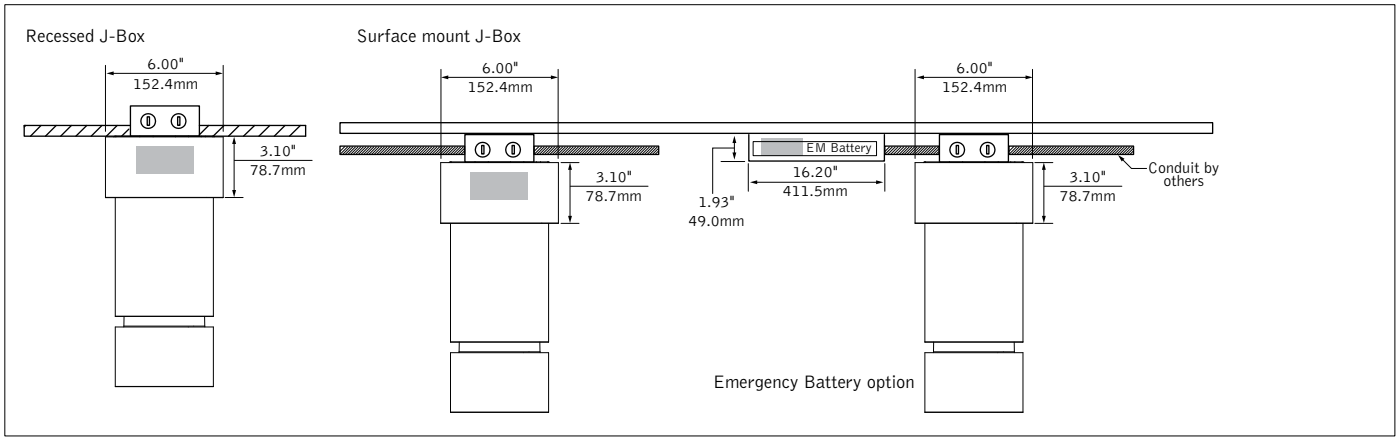
DIMENSIONAL DATA CONTINUED

SC - Shallow Canopy, Integral Driver

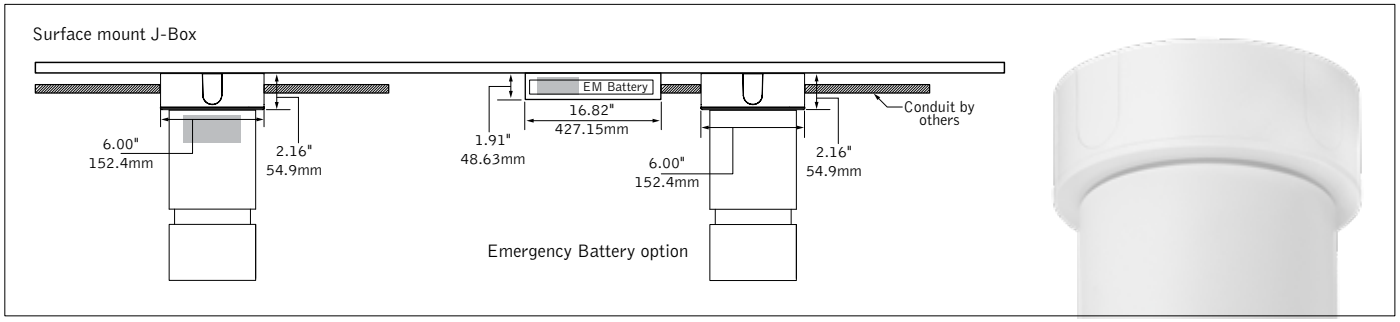
Indicates Driver Location



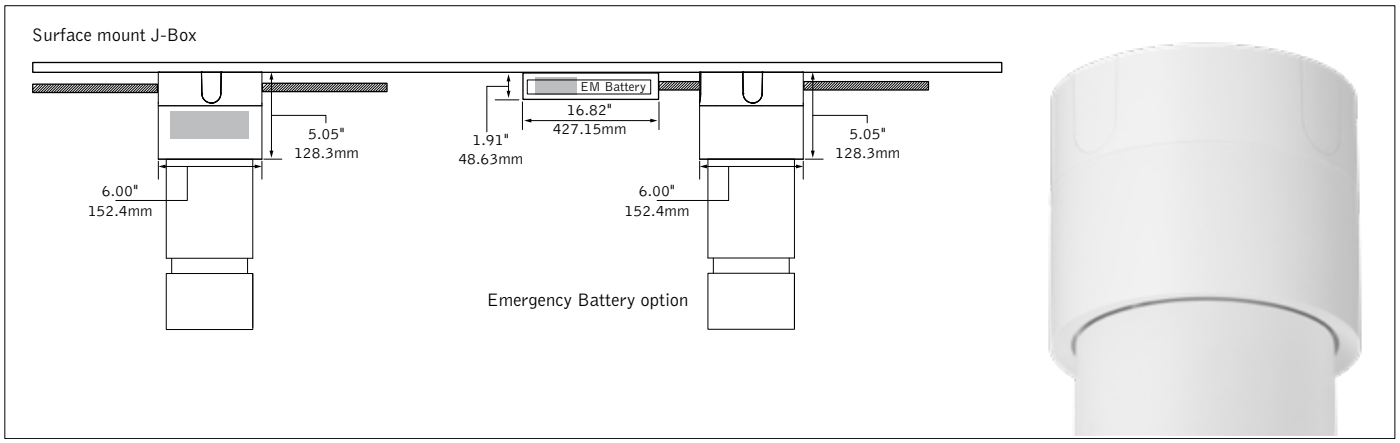
PC - Power Canopy



DSC - Shallow Canopy with decorative J-box cover, Integral Driver



DPC - Power Canopy with decorative J-box cover



4.5" CYLINDER LUMEN MULTIPLIER TABLE

Decorative Reveal

Trim Type	Optic	Decorative Reveal	Multiplier
Round [RD]	ALL	White Non-Glow Reveal [WHR]	0.94
		Black Non-Glow Reveal [BKR]	0.94
		White Glowing Reveal [WHG]	1.00

Color Temperature & CRI

Trim Type	Optic	Lumen Output	Color Temperature	Multiplier
Round [RD]	ALL	ALL	2700K, 80+ CRI [27K]	0.93
			2700K, 90+ CRI [927K]	0.78
			3000K, 80+ CRI [30K]	0.97
			3000K, 90+ CRI [930K]	0.81
			3500K, 80+ CRI [35K]	1.00
			3500K, 90+ CRI [935K]	0.83
			4000K, 80+ CRI [40K]	1.01
			4000K, 90+ CRI [940K]	0.86
		1500	2700-1800K, 90+ CRI [92718W]	0.76
		1500	3000-1800K, 90+ CRI [93018W]	1.07

Optic & Distribution (1000L - 1500L)

Trim Type	Optic	Distribution	Multiplier
Round [RD]	Tall Cone, 50˚ cut-off [DNT]	Spot (18˚) [SPL]	1.00
		Narrow Flood (27˚) [NFL]	0.97
		Flood (35˚) [FL]	0.93
		Wide Flood (54˚) [WFL]	1.00
		Very Wide Flood (69˚) [VWFL]	0.93
	Tall Cone, 50˚ cut-off with Solite Lens [DNTS]	Narrow Flood (27˚) [NFL]	1.00
	Super Short Cone, 80˚ cut-off [DSS]	Super Wide Flood (98˚) [SWFL]	0.85

Optic & Distribution (2000L - 3000L)

Trim Type	Optic	Distribtuon	Multiplier
Round [RD]	Tall Cone, 50˚ cut-off [DNT]	Narrow Flood (26˚) [NFL]	0.98
		Flood (41˚) [FL]	0.92
		Wide Flood (56˚) [WFL]	1.00
		Very Wide Flood (69˚) [VWFL]	0.89
	Tall Cone, 50˚ cut-off with Solite Lens [DNTS]	Narrow Flood (26˚) [NFL]	1.11
	Super Short Cone, 80˚ cut-off [DSS]	Super Wide Flood (98˚) [SWFL]	0.83

Multiplier tables are provided to aid with estimation of lumen levels across options. Apply multipliers against ordered Lumen Output to estimate Delivered Lumens. Refer to IES files for most accurate photometric information.

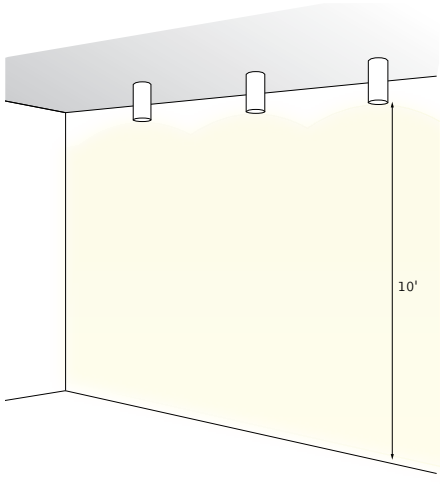
How To Use Lumen Multipliers

Formula: (Lumen Output Value) x (Decorative Reveal) x (Color Temperature & CRI) x (Optic & Distribution)

Example: FLCY4-RD-WHR-1000L-935K-DNT-FL
(1000) x (0.94) x (0.83) x (0.93) ≈ 726 lm (estimated delivered lumens)

NON-SCALLOPING SUPER WIDE FLOOD DESIGN GUIDE - 1500 LUMEN EXAMPLE

Distance from bottom of fixture		Footcandles																
		Fixtures 3' from Wall						Fixtures 3.5' from Wall						Fixtures 4' from Wall				
		3' OC			3.5' OC			3' OC			3.5' OC			3' OC			3.5' OC	
0 - 1'	3"	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	6"	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2
	9"	4	4	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3
	12"	5	5	5	5	5	5	4	4	4	4	4	4	4	4	4	3	3	3
2'		13	13	13	11	11	11	9	9	9	8	8	8	8	8	8	7	7	7
3'		21	21	21	18	18	18	16	16	16	14	14	14	12	12	12	11	11	11
4'		24	24	24	20	20	20	20	20	20	17	17	17	17	17	17	14	14	14
5'		22	22	22	19	19	19	21	21	21	18	18	18	18	18	18	16	16	16
6'		19	19	19	16	16	16	19	19	19	16	16	16	18	18	18	15	15	15
7'		16	16	16	14	14	14	17	17	17	14	14	14	16	16	16	14	14	14
8'		14	14	14	12	12	12	14	14	14	12	12	12	15	15	15	13	13	13
9'		12	12	12	10	10	10	12	12	12	11	11	11	13	13	13	11	11	11
10'		10	10	10	8	8	8	10	10	10	9	9	9	11	11	11	9	9	9



Finishes

FOCAL POINT®

STANDARD FINISHES

WHITE WH

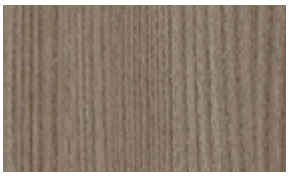
BLACK BK

PALLADIUM SILVER PS

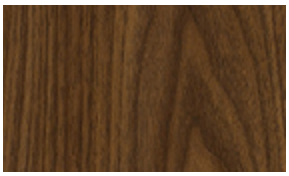
CLEAR DIFFUSE CD

THE NATURALS (25% SCALE)

LIGHT OAK LOK


GRAY ELM GRE

CHESTNUT CHT


WALNUT WLT

WOVEN LINEN WLN

STANDARD COLOR COMBINATIONS

Upper Housing Finish	Lower Housing Finish	Cord/Stem/Canopy Color
Black (BK)	Black (BK)	Black
	Light Oak (LOK)	
	Grey Elm (GRE)	
	Chestnut (CHT)	
	Walnut (WLT)	
	Woven Linen (WLN)	
White (WH)	White (WH)	White
	Light Oak (LOK)	
	Grey Elm (GRE)	
	Chestnut (CHT)	
	Walnut (WLT)	
	Woven Linen (WLN)	
Palladium Silver (PS)	Palladium Silver (PS)	Black
	Walnut (WLT)	
	Light Oak (LOK)	White
	Grey Elm (GRE)	
	Chestnut (CHT)	
	Woven Linen (WLN)	
Custom RAL color	Custom RAL color	White

Upper Housing Finish	Lower Housing Finish	Cord/Stem/Canopy Color
Walnut (WLT)	Walnut (WLT)	Black
	Black (BK)	
	Palladium Silver (PS)	
	White (WH)	White
Grey Elm (GRE)	Grey Elm (GRE)	White
	White (WH)	
	Palladium Silver (PS)	
	Black (BK)	Black
Light Oak (LOK)	Light Oak (LOK)	White
	White (WH)	
	Palladium Silver (PS)	
	Black (BK)	Black
Chestnut (CHT)	Chestnut (CHT)	White
	White (WH)	
	Palladium Silver (PS)	
	Black (BK)	Black
Woven Linen (WLN)	Woven Linen (WLN)	White
	White (WH)	
	Palladium Silver (PS)	
	Black (BK)	Black