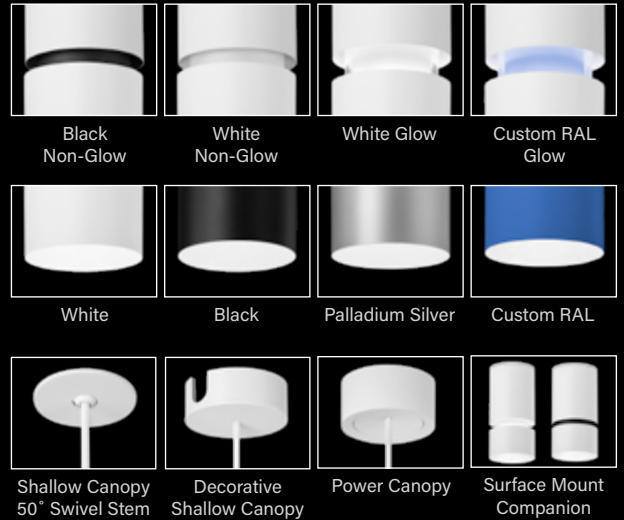


# ID+ 4.5" Cylinder

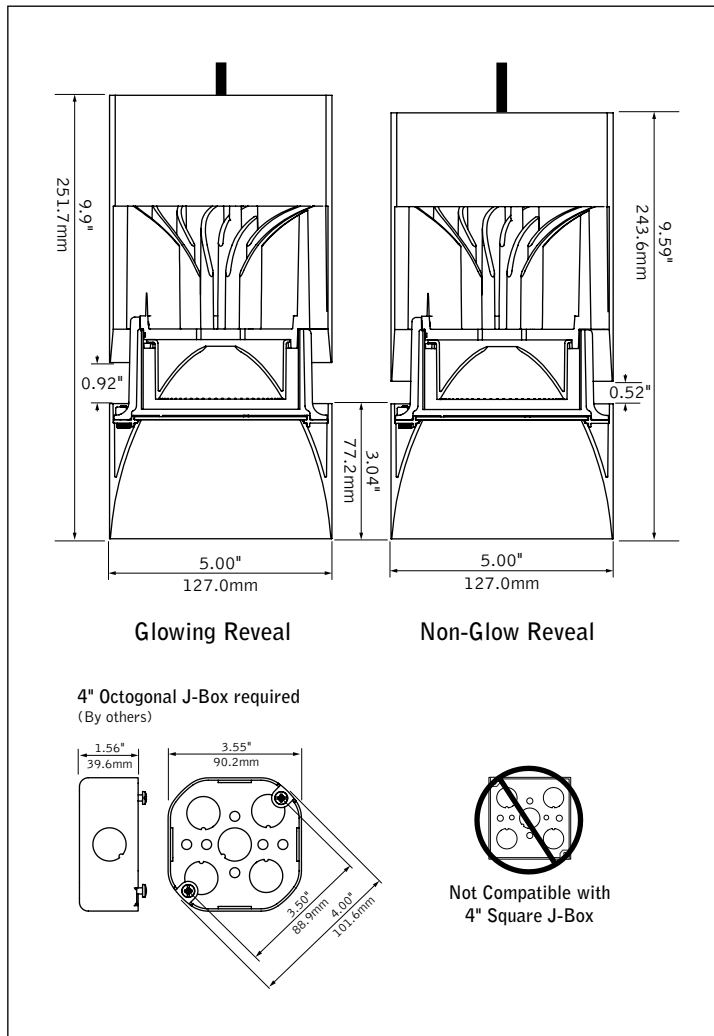
LED PENDANT WITH DECORATIVE REVEAL



The Naturals collection - White/Chestnut shown



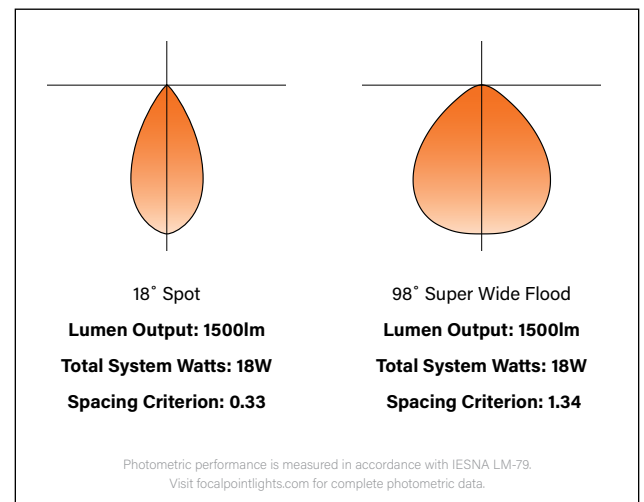
## DIMENSIONAL DATA (continued on page 3 & 4)



## 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.
- Power cord, fixed and swivel stem suspension mounting options.
- 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



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. L11 & LFP with Shallow Canopy, Integral Driver 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 or Damp 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

Calculated: L70 at > 204,000 hours

L80 > 60,000 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
 1500L	1606	23	69
2000L	2074	24	88
2500L	2609	31	84
 2500L	2211	35	63
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%.



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

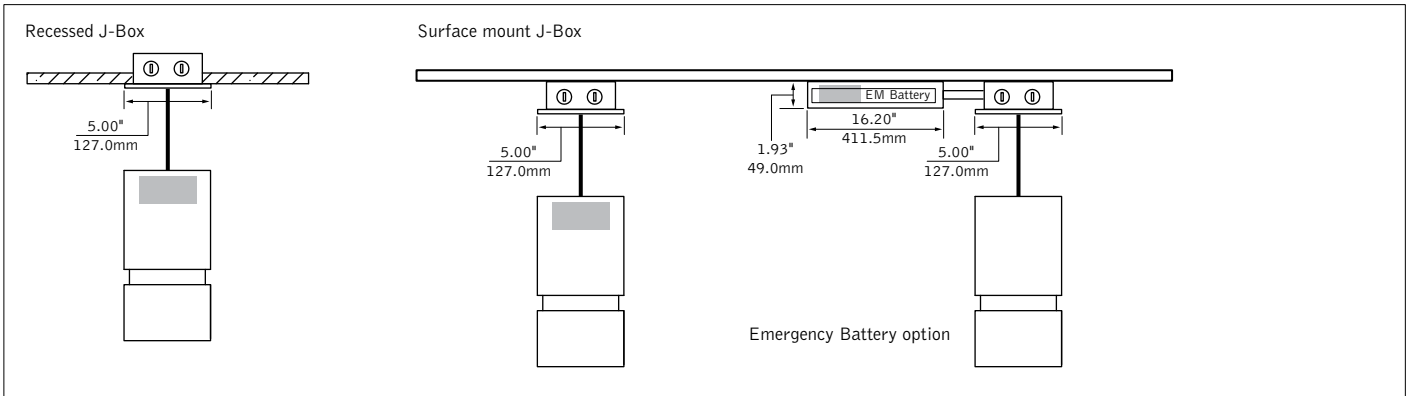
Luminaire Series	FLCY4
ID+ 4.5" Round Cylinder	FLCY4
Trim Type	RD
Round	RD
Decorative Reveal	
White Non-Glow Reveal	WHR
Black Non-Glow Reveal	BKR
White Glowing Reveal	WHG
Custom Color Glowing Reveal <sup>1</sup>	RAL_ _ _ _
Lumen Output	
1000 Lumens	1000L
1500 Lumens	1500L
2000 Lumens	2000L
2500 Lumens	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 & 2500L only. EMR not available. 2500L PC & DPC only)	93018W
Circuit	1C
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 <sup>*</sup>	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	
72" Cable, Straight Feed (Cut in field)	C72
144" Cable, Straight Feed (Cut in field)	C144
12", 50° Swivel Stem	B12
18", 50° Swivel Stem	B18
2'- 8' in 1' increments, 50° Swivel Stem (Specify in inches, example: 8' stem = B96)	B_
12", Fixed Stem	S12
18", Fixed Stem	S18
2'- 8' in 1' increments, Fixed Stem (Specify in inches, example: 8' stem = S96)	S_
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 <sup>1</sup>	RAL_ _ _ _

<sup>\*</sup>(L11, LVN & LFP only, Warm Dim: 1500L only)  
<sup>1</sup>(Specify your RAL code. Extended lead time. Consult factory)

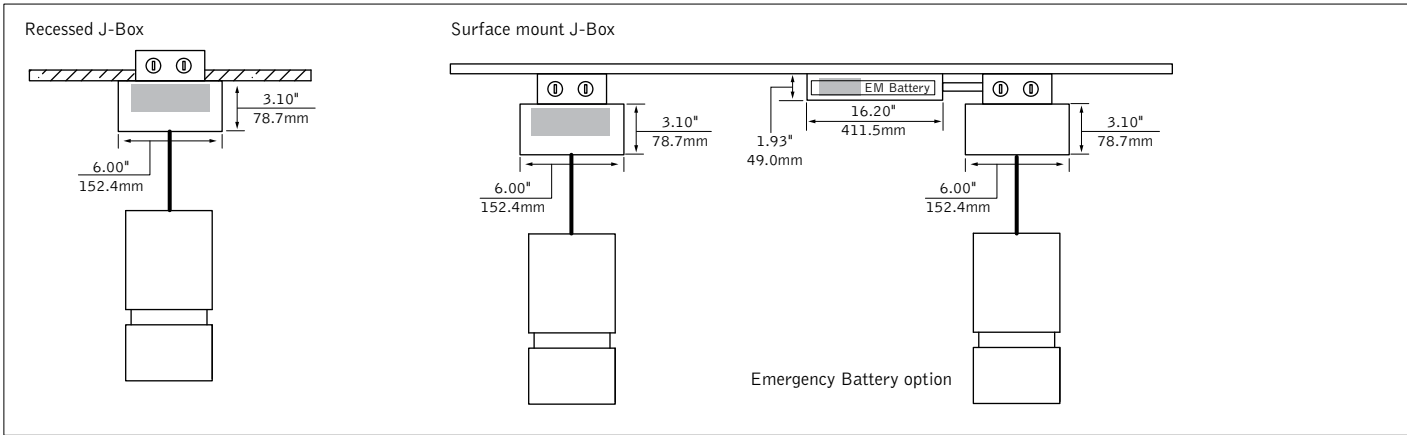
DIMENSIONAL DATA CONTINUED

SC - Shallow Canopy, Integral Driver

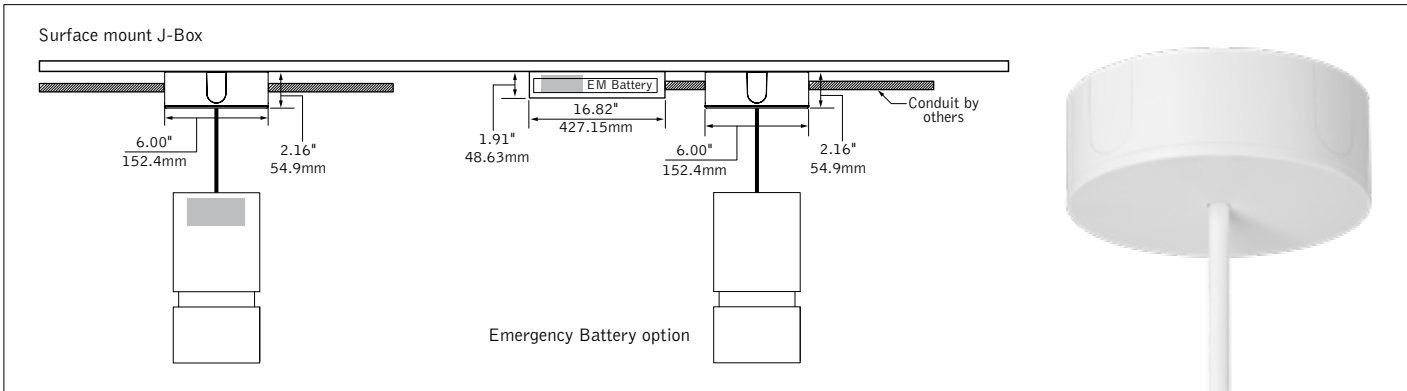
Indicates Driver Location



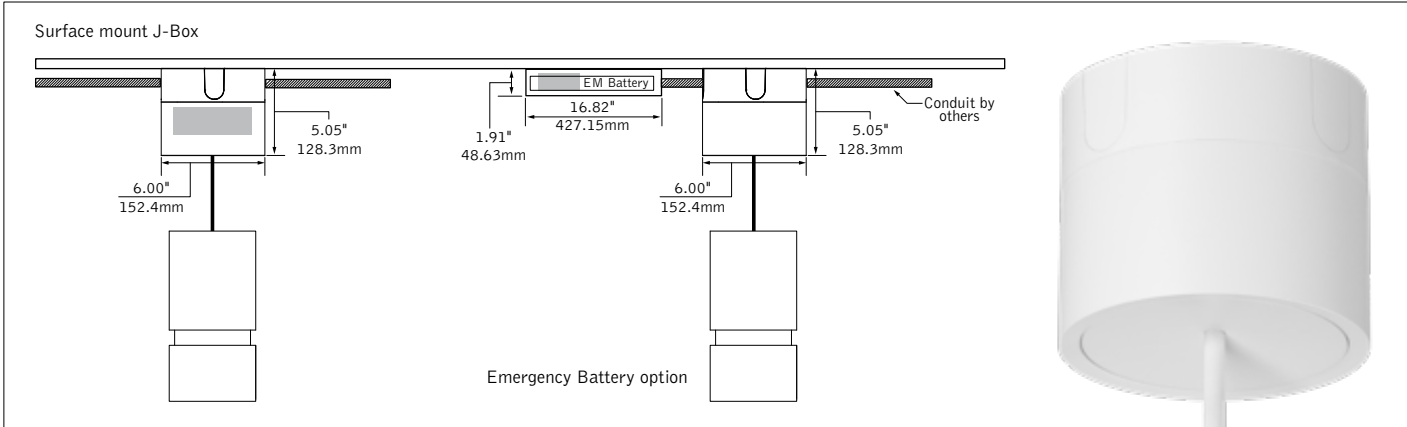
PC - Power Canopy



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		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
		2500		0.90
		1500	3000-1800K, 90+ CRI [93018W]	1.07
		2500		0.88

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.

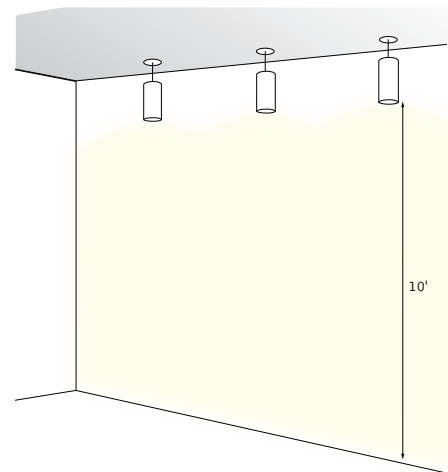
How To Use Lumen Multipliers

**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

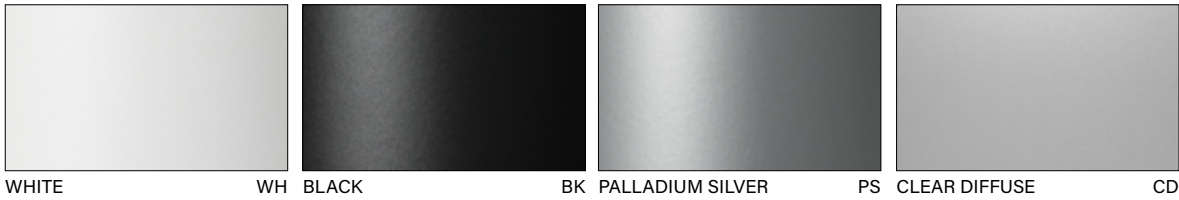
Distance from bottom of fixture	Footcandles											
	Fixtures 3' from Wall						Fixtures 3.5' from Wall					
	3' OC			3.5' OC			3' OC			3.5' OC		
0' - 1'	3"	3	3	3	2	2	2	2	2	2	2	2
	6"	3	3	3	3	3	3	3	3	2	2	2
	9"	4	4	4	4	4	3	3	3	3	3	3
	12"	5	5	5	5	5	4	4	4	4	4	4
2'		13	13	13	11	11	11	9	9	9	8	8
3'		21	21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



# Finishes



## STANDARD FINISHES



## THE NATURALS (25% SCALE)



## 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
Light Oak (LOK)	Light Oak (LOK)	White
	White (WH)	
	Palladium Silver (PS)	Black
Chestnut (CHT)	Black (BK)	Black
	Chestnut (CHT)	White
	White (WH)	
	Palladium Silver (PS)	
Woven Linen (WLN)	Black (BK)	Black
	Woven Linen (WLN)	White
	White (WH)	
	Palladium Silver (PS)	
	Black (BK)	Black