



CORE/WL 3

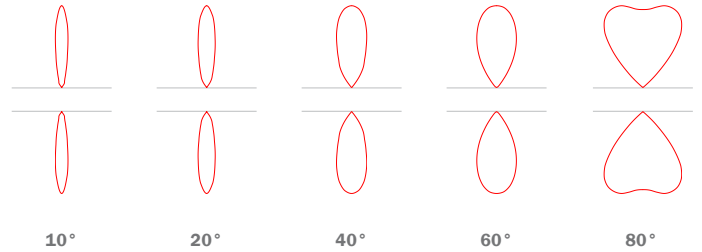
ROUND, CUOUT, WET LOCATION, DIRECT/INDIRECT ILLUMINATION



SPECIFICATIONS

PROFILE	Round
SIZES	3.5" diameter
LED OUTPUT	700lm - 1,300lm
CCT/CRI	2700K/3000K/3500K/4000K • 83 CRI or 98 CRI
DIMMING/ DRIVER	Canopy and Remote Driver: 0-10V, Phase, DALI, DMX, eldoLED, Lutron®. Dimming to 0% for select models
POWER	11.2W to 31.2W per fixture
INPUT	100VAC to 277VAC Phase dimmable versions are 120VAC only
OPTICS	10° - 80° distribution spun aluminum reflectors. Field replaceable without tools.
FINISHES	Powder coat - TGIC polyester for exterior and interior use
MATERIAL	Extruded aluminum with stainless steel hardware
ENVIRONMENT	Wet location, IP66 rated LED module

DISTRIBUTIONS & PROFILES

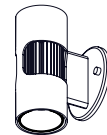


Available in any combination of distributions for direct and indirect.

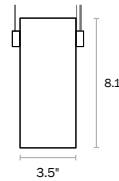
CORE/WL 3
DIRECT/INDIRECT
PENDANT



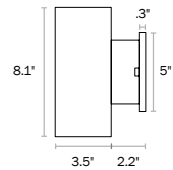
CORE/WL 3
DIRECT/INDIRECT
SCNCE



CORE/WL 3
DIRECT/INDIRECT
PENDANT



CORE/WL 3
DIRECT/INDIRECT
SCNCE



Not to scale. Dimensions are nominal. Consult factory for CAD drawing.

*Safety and Performance information available on last page. Output and other specifications available on page 5.





PRODUCT SUBMITTAL QUICK WORKSHEET

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
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EXAMPLE: CCT3/WL – 10982740HL – 10982740DF – RV10 – 2C – DOB – AS – EMB

1. MODEL (CHOOSE 1)	2. OUTPUT - DIRECT (CHOOSE 1)	3. CRI - DIRECT (CHOOSE 1)	4. CCT - DIRECT (CHOOSE 1)
CCT3/WL Pendant	07 700lm	83 83	27 2700K
CCU3/WL Sconce	10 950lm	98 98	30 3000K
	13⁵ 1300lm		35 3500K
			40 4000K

⁵Available for 83CRI only

5. REFLECTOR - DIRECT (CHOOSE 1)	6. OPTICAL ACCESSORY - DIRECT (CHOOSE 1)	7. OUTPUT - INDIRECT (CHOOSE 1)	8. CRI - INDIRECT (CHOOSE 1)
10² 10° (x S/MH)	NN None	07 700lm	83 83
20 20° (x S/MH)	HL Honeycomb Louver	10 950lm	98 98
40 40° (x S/MH)	DF Diffusion Lens	13⁵ 1300lm	
60 60° (x S/MH)	LS Linear Spread Lens (60° x 1°)		⁵ Available for 83CRI only
80 80° (x S/MH)	WW Wall Wash Lens (shifts beam 20° from vertical)		
BF³ Baffle	FT⁴ Forward Throw		

²Beam angles noted above are nominal.

³Available for 700lm and 950lm only.

⁴Baffles are only compatible with the NN optical accessory.

⁵Available for sconce only.

9. CCT - INDIRECT (CHOOSE 1)	10. REFLECTOR - INDIRECT* (CHOOSE 1)	11. OPTICAL ACCESSORY - INDIRECT (CHOOSE 1)	12. DRIVER LOCATION* (CHOOSE 1)
27 2700K	10² 10° (0.3 S/MH)	NN None	R Remote
30 3000K	20 20° (0.4 S/MH)	DF Diffusion Lens	D Deep Canopy
35 3500K	40 40° (0.7 S/MH)	LS Linear Spread Lens (60° x 1°)	
40 4000K	60 60° (0.8 S/MH)	WW Wall Wash Lens (shifts beam 20° from vertical)	² See 'Dimming/driver location compatibility on page 7 to ensure correct dimming specification.
	80 80° (1.3 S/MH)	FT⁵ Forward Throw	
	BF³ Baffle		

²Beam angles noted above are nominal.

³Available for 700lm and 950lm only.

⁴Baffles are only compatible with the NN optical accessory.

⁵Available for sconce only.

13. DIMMING* (CHOOSE 1)	14. NUMBER OF CIRCUITS (CHOOSE 1)	15. SHELL CUTOUT* (CHOOSE 1)	16. HEAT SINK FINISH* (CHOOSE 1)
V10 (0-10V, dim to 10%)	1C 1 Circuit	R Round	STANDARD HEAT SINK FINISHES**
P10 (ELV/TRIAC phase dim to 10%)	2C 2 Circuits	S Square	--- Manually type in finish code (Ex: OB = Oil-Rubbed Bronze)
ELDVO⁶ (eldoLED, 0-10V, dim to 0%)		D Dual	SPECIAL ORDER HEAT SINK FINISHES**
LDE1⁶ (Lutron ECOSYS1, 0-10V, dim to 1%)		Z Custom	RAL_____ Specify RAL Classic Color (Ex: RAL 3003) -
DALI⁶ (DALI, dim to 0%)			CAT_____ Specify Catalog Colors
DMX⁶ (DMX, dim to 0%)			CCM_____ Custom Color Match

⁶See 'Driver' and 'dimming/driver compatibility' charts for dimming compatibility.

⁷Premium drivers available for remote driver location only.

⁸See page 4 for standard shell cutout options.

⁹Consult factory for custom cutout options.

¹⁰See page 5 for finish chart.

¹¹Manually type the finish code into the parametric code above.

17. SHELL COLOR* (CHOOSE 1)	18. EMERGENCY OPTIONS* (OPTIONAL)
STANDARD FINISHES	EMB⁸ Emergency Battery
SW <input type="checkbox"/> Satin White	
SB <input checked="" type="checkbox"/> Satin Black	⁸ Emergency options only available with 0-10V driver options. Third party inverter system recommended for other driver options. Refer to ALW EM Solution Catalog for all compatibility exceptions.
AS <input type="checkbox"/> Aluminum Silver Anodized Effect	⁹ Available for remote driver only.
TB <input checked="" type="checkbox"/> Textured Black	
PREMIUM FINISHES	
--- See chart on page 4 for premium finishes. Manually type in the finish code (Ex: OB = Oil-Rubbed Bronze)	
SPECIAL ORDER FINISHES*	
RAL_____ Specify RAL Classic Color (Ex: RAL 3003)	
CCM_____ Custom Color Match	

¹²See page 4 for finish chart.

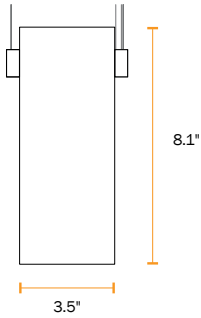
¹³Manually type the finish code into the parametric code above.

SS102824

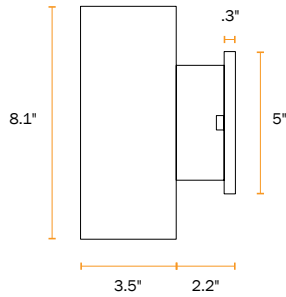


DIMENSIONS AND MOUNTING

CORE/WL 3 DIRECT/INDIRECT PENDANT



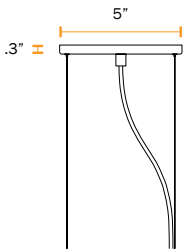
CORE/WL 3 DIRECT/INDIRECT SCONCE



REMOTE DRIVER

STANDARD SHALLOW CANOPY

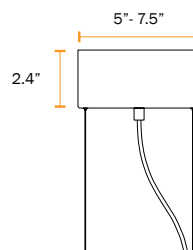
PENDANT ONLY



DEEP CANOPY MOUNTED DRIVER⁸

DEEP CANOPY FOR CANOPY MOUNTED LED DRIVERS

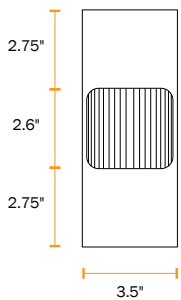
PENDANT ONLY



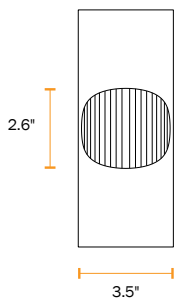
CUTOUT DIMENSIONS⁹

STANDARD DIMENSIONS FOR CUTOUT

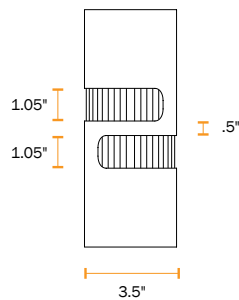
SQUARE



ROUND



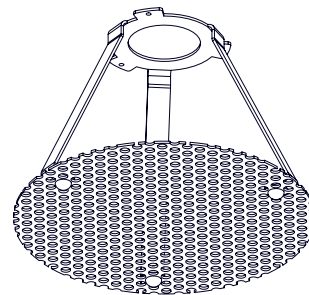
DUAL



BAFFLE

Baffles are available for all cutout fixtures.

The baffle reflects light back into the fixture illuminating the heatsink and cutout features.



Not to scale. Dimensions are nominal. Consult factory for CAD drawings
All canopies fit standard 3.5" and 4" round and octagonal junction boxes.

⁸Deep canopy diameter depends on LED driver size

⁹Cutout position and dimension is consistent for all standard cutouts.



FINISHES

Standard finishes are available at no additional charge and no extended lead time for standard configurations.

STANDARD FINISHES



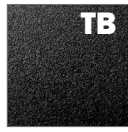
Aluminum Silver Anodized Effect



Satin White



Satin Black



Textured Black

PREMIUM FINISHES

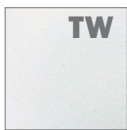
BASIC POWDER COAT



Gloss White

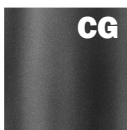


Antimicrobial Gloss White

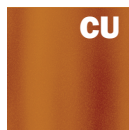


Textured Matte White

METALLIC POWDER COAT



Charcoal Gray



Copper



Brass

SATIN ANODIZED EFFECT POWDER COAT



Oil-Rubbed Bronze



Dark Bronze

GLOSS POWDER COAT (80-95% GLOSS)



Orange RAL 2003



Red RAL 3020



Magenta RAL 4010



Blue RAL 5015

Contact ALW Quotes for sample paint finish swatches.

SPECIAL ORDER FINISHES*



RAL CLASSIC COLORS (80-95% GLOSS): RAL_ _ _ _

Most RAL Classic Colors are available for a minimum setup fee. On your specification submittal choose your RAL color by entering the 4-digit RAL code (Ex: RAL 3003). See www.alw-inc.com/resources/finishes



CUSTOM COLOR MATCH: CCM_ _ _ _

Custom powder coat color matching is available for a premium setup fee. Consult ALW for additional information.

*An individual setup fee will apply to each unique Special Order Finish per purchase order. (ex: RAL 5023 and RAL 2008 are specified for multiple line items on a purchase order. 2x setup fees will apply)

*Printed or on-screen colors are only approximations - consult actual Color Chip Set before specifying

CORD OPTIONS



Black
Order Code = **BK**

For all locations



PERFORMANCE DETAILS

REFLECTOR OPTION ²⁰	CRI	OUTPUT OPTIONS	DELIVERED LUMENS ²¹	EFFICACY (LM/W)	SYSTEM WATTS(W)	CCT OPTIONS
10° 20° 40° 60° 80°	Ra = 83 ± 3	700	643	115	5.6	2700K 3000K 3500K 4000K
		950	873	106	8.2	
		1300	1196	102	11.7	
	Ra = 98 ± 3	700	643	86.9	7.4	
		950	873	80.1	10.9	
		1300	1196	76.7	15.6	

^{*}Based on 40° reflector for all outputs.

^{*}Refer to IES files for full performance data.

²⁰10° Reflector only available for 83CRI 1300lm and lower and 98CRI 950lm and lower.

²¹Actual lumens measured in field may differ +/- 10%.



DRIVERS

PRODUCT CODE	DESCRIPTION
V10	0-10V dimming down to 10%
P10	Driver supports both TRIAC Forward Phase 2-Wire and ELV Reverse Phase 3-Wire dimming controls.
ELDV0	eldoLED, 0-10V dimming down to 0%
DALI	DALI flicker-free dimming down to 0%.
DMX	DMX flicker-free dimming down to 0%.
LDE1	ECOSYS1, (LDE1) Lutron Hi-lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology

*Contact ALW for specific dimming level requests. ALW lighting fixtures are intended for use with a wide range of sensors, lighting controls, LED drivers, and building management systems. If there are specific components required for your application that aren't listed on this spec sheet, please contact ALW customer support today to specify a compatible solution of your choice.

DRIVER/LED LAMPING COMPATIBILITY			
	STD*	CA TITLE 24 JA8/JA10 ²⁷	IEEE P1789 & HD TV STUDIO ²⁸
V10	●		
P10	●		
ELDV0	●	●	●
DALI	●	●	●
DMX	●	●	●
LDE1	●	●	●

● - Indicates compatibility

*Standard lamping (STD) - 700-1300LM

²⁷Fixtures specified with 83CRI, 98CRI, 2700K, 3000K, 3500K, and 4000K lamping with applicable LED drivers have the ability to conform to California Title 24 JA8 and JA10 Appendices.

²⁸The following drivers conform to IEEE P1789 Flicker Standard: 'IEEE Recommended Practices for Modulating Current in High-Brightness LEDs for Mitigating Health Risks to Viewers'. These drivers may also be installed in HD TV Studio applications utilizing high frequency camera equipment.

DRIVER LOCATION/DRIVER COMPATIBILITY			
	INTERNAL	DEEP CANOPY	REMOTE
V10		●	●
P10		●	●
ELDV0		●	●
DALI		●	●
DMX		●	●
LDE1		●	●



PHOTOMETRICS CORE/WL

BEAM ANGLE (°)	POLAR PLOT (CD)	MTG HEIGHT (FT)	LIGHT LEVEL (FC)	BEAM DIAMETER (FT)	SPACING CRITERION (SC) ²⁹ (0° - 180°) (90° - 270°)	MAX INTENSITY (CD)	BUG RATING
10°		6	315.8	1.8	.30 .30	11370	B2-U0-G0
		8	177.7	2.4			
		10	113.7	3.0			
		12	79.0	3.5			
		14	58.0	4.1			
		16	44.4	4.7			
20°		6	173.0	2.6	.40 .40	6228	B2-U0-G0
		8	97.3	3.4			
		10	62.3	4.3			
		12	43.3	5.1			
		14	31.8	6.0			
		16	24.3	6.8			
40°		6	87.6	4.5	.65 .65	3154	B2-U1-G0
		8	49.3	5.9			
		10	31.5	7.4			
		12	21.9	8.9			
		14	16.1	10.4			
		16	12.3	11.9			
60°		6	40.7	5.9	.80 .80	1465	B1-U1-G1
		8	22.9	7.9			
		10	14.7	9.8			
		12	10.2	11.8			
		14	7.5	13.7			
		16	5.7	15.7			
80°		6	34.4	10.2	1.31 1.31	1355	B2-U0-G0
		8	19.3	13.6			
		10	12.4	17.0			
		12	8.6	20.4			
		14	6.3	23.8			
		16	4.8	27.2			

*Photometric calculations based on 2000lm 2700K-4000K 83CRI-98CRI fixture combination. Actual results may vary in the field.

For footcandle and output multipliers refer to the [ALW IES File Multipliers Chart](#).

²⁹Spacing criterion refers to maximum distance luminaires can be spaced to provide uniform illumination on the working plane or surface.
Luminaire spacing = Spacing Criterion (SC) x Mounting Height (MH) (ex. 1.14 (SC) x 10' (MH) = 11.4' Luminaire Spacing).



ADDITIONAL OPTIONS & SPECIFICATIONS

LED PERFORMANCE

> 55,000 hours at 70% lumen maintenance, LM80 / TM-21

COLOR CONSISTENCY

1x2 SDCM (MacAdam) along BBL, CCT +/- 40K to 70K, Duv +/- .001

HOUSING

Extruded aluminum with stainless steel hardware

SAFETY & REGULATORY

Can be used to comply with **Title 24 JA8 and JA10** requirements. Contact ALW customer support today and we can help you with your project requirements.

ETL Listed (U.S. & Canada). Suitable for wet locations.
Conforms to UL 2108, 8750
Certified to CSA std. CSA C22.2# 9 & #250.0

OPERATING TEMPERATURE

Luminaire should be installed and operated **ONLY** in environments where the ambient temperature ranges from -4 °F to 104 °F (-20 °C to 40 °C). Luminaire operation in environments outside the listed temperature range voids the warranty **AND** may damage the product or adversely impact lamp life, lumen output and color consistency.

CONTROLS & LED DRIVER

ALW lighting fixtures are intended for use with a wide range of sensors, lighting controls, LED drivers, and building management systems. Our component portfolio is continually expanding to adopt to the latest technologies and specification needs. If there's a component or system needed that you don't see on the spec sheet please contact ALW customer support today so we can review your requirements.

WARRANTY

LIMITED WARRANTY. Visit alw-inc.com for more information.

WEIGHT

CORE/WL 3	
PENDANT	SCONCE
4.5 lbs/ 2.1 kg	4.5 lbs/ 1.1 kg