



CORE/WL 3

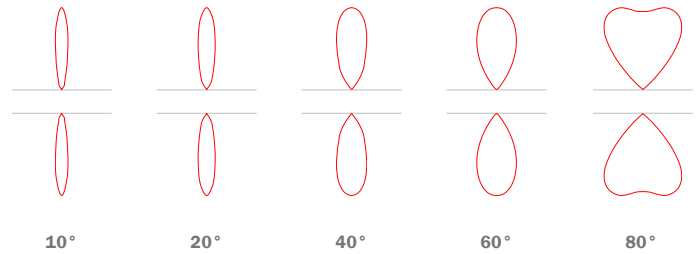
ROUND, WET LOCATION, DIRECT/INDIRECT ILLUMINATION



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

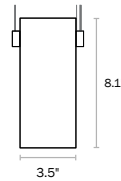


Available in any combination of distributions for direct and indirect.

CORE/WL 3
DIRECT/INDIRECT
PENDANT



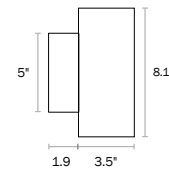
CORE/WL 3
DIRECT/INDIRECT
PENDANT



CORE/WL 3
DIRECT/INDIRECT
SCONCE



CORE/WL 3
DIRECT/INDIRECT
SCONCE



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

EXAMPLE: CRT3/WL – 10982740HL – 10982740DF – RV10 – 2C – BA – EMB

1. MODEL (CHOOSE 1)	2. OUTPUT - DIRECT (CHOOSE 1)	3. CRI - DIRECT (CHOOSE 1)	4. CCT - DIRECT (CHOOSE 1)
<input type="checkbox"/> CRT3/WL Pendant	<input type="checkbox"/> 07 700lm	<input type="checkbox"/> 83 83	<input type="checkbox"/> 27 2700K
<input type="checkbox"/> CRU3/WL Sconce	<input type="checkbox"/> 10 950lm	<input type="checkbox"/> 98 98	<input type="checkbox"/> 30 3000K
	<input type="checkbox"/> 13¹ 1300lm		<input type="checkbox"/> 35 3500K
	¹ Available for 83CRI only		<input type="checkbox"/> 40 4000K

5. REFLECTOR - DIRECT* (CHOOSE 1)	6. OPTICAL ACCESSORY - DIRECT (CHOOSE 1)	7. OUTPUT - INDIRECT (CHOOSE 1)	8. CRI - INDIRECT (CHOOSE 1)
<input type="checkbox"/> 10² 10° (0.3 S/MH)	<input type="checkbox"/> NN None	<input type="checkbox"/> 07 700lm	<input type="checkbox"/> 83 83
<input type="checkbox"/> 20 20° (0.4 S/MH)	<input type="checkbox"/> HL Honeycomb Louver	<input type="checkbox"/> 10 950lm	<input type="checkbox"/> 98 98
<input type="checkbox"/> 40 40° (0.7 S/MH)	<input type="checkbox"/> DF Diffusion Lens	<input type="checkbox"/> 13¹ 1300lm	
<input type="checkbox"/> 60 60° (0.8 S/MH)	<input type="checkbox"/> LS Linear Spread Lens (60° x 1°)	¹ Available for 83CRI only	
<input type="checkbox"/> 80 80° (1.3 S/MH)	<input type="checkbox"/> WW Wall Wash Lens (shifts beam 20° from vertical)		
² Beam angles noted above are nominal.	<input type="checkbox"/> FT³ Forward Throw		
³ Available for 700lm and 950lm only.	³ Available for sconce only.		

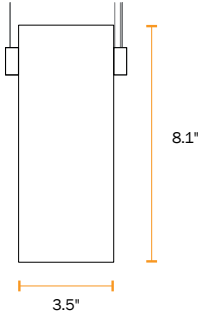
9. CCT - INDIRECT (CHOOSE 1)	10. REFLECTOR - INDIRECT (CHOOSE 1)	11. OPTICAL ACCESSORY - INDIRECT (CHOOSE 1)	12. DRIVER LOCATION* (CHOOSE 1)
<input type="checkbox"/> 27 2700K	<input type="checkbox"/> 10⁴ 10° (0.3 S/MH)	<input type="checkbox"/> NN None	<input type="checkbox"/> N^{5,7} Internal
<input type="checkbox"/> 30 3000K	<input type="checkbox"/> 20 20° (0.4 S/MH)	<input type="checkbox"/> DF Diffusion Lens	<input type="checkbox"/> R Remote
<input type="checkbox"/> 35 3500K	<input type="checkbox"/> 40 40° (0.7 S/MH)	<input type="checkbox"/> LS Linear Spread Lens (60° x 1°)	<input type="checkbox"/> D⁸ Deep Canopy
<input type="checkbox"/> 40 4000K	<input type="checkbox"/> 60 60° (0.8 S/MH)	<input type="checkbox"/> WW Wall Wash Lens (shifts beam 20° from vertical)	⁵ See 'Dimming/driver location compatibility' on page 6 to ensure correct dimming specification.
	<input type="checkbox"/> 80 80° (1.3 S/MH)	<input type="checkbox"/> FT⁵ Forward Throw	⁶ Sconce only.
	⁴ Beam angles noted above are nominal.	⁵ Available for sconce only.	⁷ Internal drivers located in arm on sconces.
	⁴ Available for 700lm and 950lm only.		⁸ Not available for sconces.

13. DIMMING* (CHOOSE 1)	14. NUMBER OF CIRCUITS (CHOOSE 1)	15. SHELL COLOR* CHOOSE 1)	16. EMERGENCY OPTIONS* (OPTIONAL)
<input type="checkbox"/> V10 (0-10V, dim to 10%)	<input type="checkbox"/> 1C 1 Circuit	FINISHES**	<input type="checkbox"/> EMB¹⁰ Emergency Battery
<input type="checkbox"/> P10 (Phase, dim to 10%)	<input type="checkbox"/> 2C 2 Circuits	<input type="checkbox"/> SG Silver Gray	⁹ 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.
<input type="checkbox"/> ELDVO⁹ (eldoLED, 0-10V, dim to 0%)		<input type="checkbox"/> SW Satin White	¹⁰ Available for remote driver only.
<input type="checkbox"/> LDE1⁹ (Lutron ECOSYS1, 0-10V, dim to 1%)		<input type="checkbox"/> SB Satin Black	
<input type="checkbox"/> LTEA⁹ (Lutron HI-Lume, Phase dim, 2-wire to 1%)		<input type="checkbox"/> --- Specify Finish Code (Ex: OB = Oil-Rubbed Bronze)	
<input type="checkbox"/> DALI⁹ (DALI, dim to 0%)		SPECIAL ORDER FINISHES**	
<input type="checkbox"/> DMX⁹ (DMX, dim to 0%)		<input type="checkbox"/> RAL_____ Specify RAL Classic Color (Ex: RAL 3003) -	
⁹ See 'Driver' and 'dimming/driver compatibility' charts for dimming compatibility.		<input type="checkbox"/> CAT_____ Specify Catalog Colors	
⁹ Premium drivers available for remote driver location only.		<input type="checkbox"/> CCM_____ Specify Custom Color Match	
		¹¹ See page 4 for finish chart.	
		¹¹ Manually type the finish code into the parametric code above.	

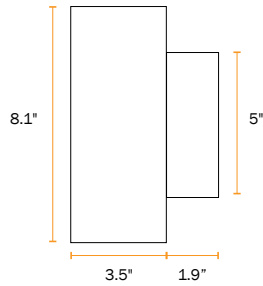


DIMENSIONS AND MOUNTING

CORE/WL 3 PENDANT



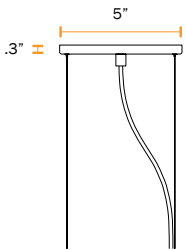
CORE/WL 3 SCONCE



REMOTE DRIVER

STANDARD SHALLOW CANOPY

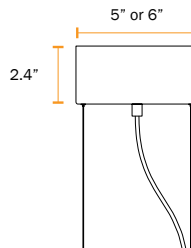
PENDANT ONLY



DEEP CANOPY MOUNTED DRIVER^{11,12}

DEEP CANOPY FOR CANOPY MOUNTED LED DRIVERS

PENDANT ONLY



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

¹¹Deep canopy diameter depends on LED driver size

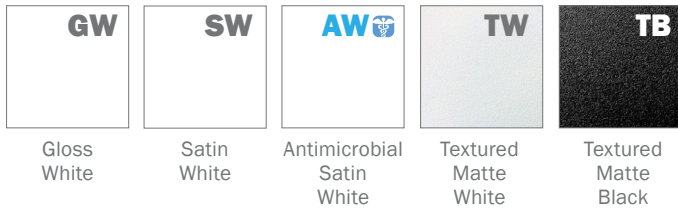
¹²Dual output emergency battery fixtures may require 7" canopy

SS060822

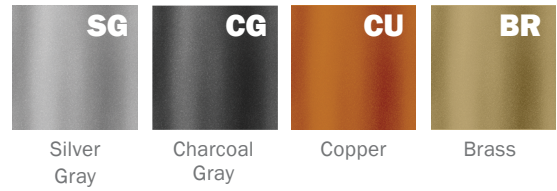


FINISHES

BASIC POWDER COAT



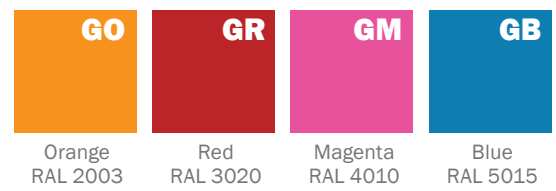
METALLIC POWDER COAT



SATIN ANODIZED EFFECT POWDER COAT



GLOSS POWDER COAT (80-95% GLOSS)



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.alwusa.com/finishes.



CUSTOM COLOR MATCH: CCM_ _ _ _

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



CATALOG COLORS: CAT_ _ _ _

The complete range of powder coat colors from Tiger Drylac and TCI catalogs are available for a minimum setup fee. Consult ALW for a catalog color you would like to specify.

*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 ¹³	CRI	OUTPUT OPTIONS	DELIVERED LUMENS ¹⁴	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.

¹³10° Reflector only available for 83CRI 1300lm and lower and 98CRI 950lm and lower.

¹⁴Actual lumens measured in field may differ +/- 10%.



DRIVERS

PRODUCT CODE	DESCRIPTION
V10	0-10V dimming down to 10%
P10	ELV/TRIAC Phase dimming down to 10%
ELDVO	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
LTEA	LTEA. Lutron Hi-lume 1% 2-wire TRIAC dimming (120V forward-phase only)

*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 ¹⁵	IEEE P1789 & HD TV STUDIO ¹⁶
V10	●		
P10	●		
ELDVO	●	●	●
DALI	●	●	●
DMX	●	●	●
LDE1	●	●	●
LTEA	●	●	

● - Indicates compatibility

*Standard lamping (STD) - 700-1300LM

¹⁵Fixtures 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.

¹⁶The 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	●	●	●
ELDVO		●	●
DALI		●	●
DMX		●	●
LDE1		●	●
LTEA		●	●

*Internal driver only available for sconces. Driver located in sconce arm.



PHOTOMETRICS CORE/WL

BEAM ANGLE (°)	POLAR PLOT (CD)	MTG HEIGHT (FT)	LIGHT LEVEL (FC)	BEAM DIAMETER (FT)	SPACING CRITERION (SC) ¹⁷ (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](#).

¹⁷Spacing 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 1598, 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 alwusa.com/warranty for more information.

WEIGHT

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