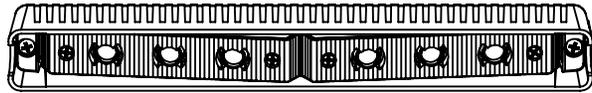
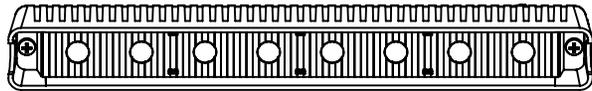


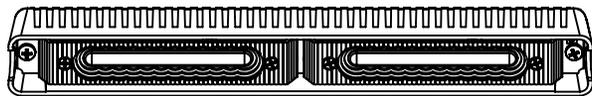
**ULB9 & ULB9-1 \***



**ULB9S & ULB9S-1 \***



**ULB9E & ULB9E-1 \***

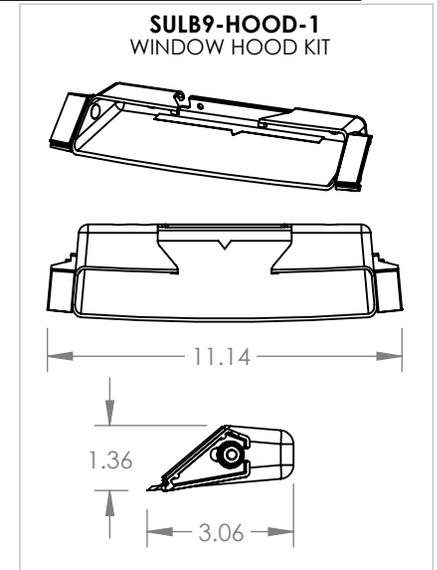
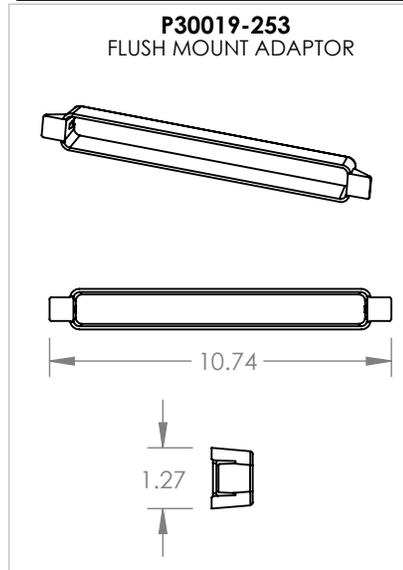


**ULB9LDC & ULB9LDC-1 \***

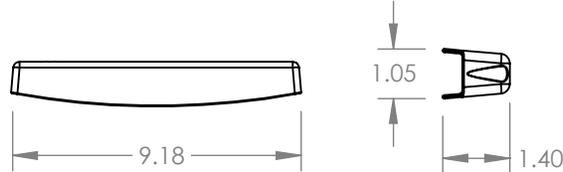
SEE ELECTRICAL SPECS ON PAGE 2

REV.	ECR	DESCRIPTION	DATE
-	12513	INITIAL DRAWING REQUEST	3/19/15
A	12689	ADDED PAGE 2. CHANGED AMP DRAW TO NEW ENGINEERING NORMS. CORRECTED WIRING DESIGNATIONS.	4/22/15
B	12848	ADDED AMBER/BLUE AND AMBER/GREEN FOR ULB9E SERIES	6/26/2015
C	13029	ADDED NEW ULB9LDC MODELS, -RBWW, -AAWW, -RRBB, -BBWW AND -RRWW	9/17/2015

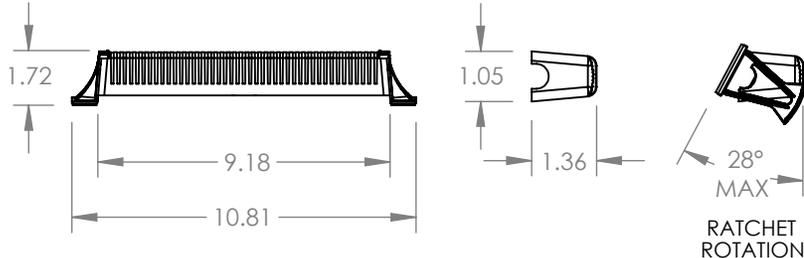
SERIES	INCLUDED WITH LIGHT ( X = INCLUDED O = OPTIONAL)		
	274-ULB9BKT	P30019-253	SULB9-HOOD-1
ULB9 & ULB9-1	X	O	O
ULB9S & ULB9S-1	O	-	X
ULB9E & ULB9E-1	O	-	X
ULB9LDC & ULB9LDC-1	O	-	X
VOLTAGE		10-16 vdc ALL MODELS	
TEMPERATURE RANGE ALL MODELS: -30C TO +50C			
* MODELS ENDING "-1" HAVE 12' CABLE, OTHERS ARE 12' LONG CIG PLUG			



**ULB9 HOUSING DIMENSIONS**



**ULB9S, E, & LDC HOUSING DIMENSIONS**



UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES

TOLERANCES:  
ANGULAR: ± 2 DEG.  
.X ± .100  
.XX ± .020  
.XXX ± .005  
.XXXX ± .001

RoHS COMPLIANT: NO

MATERIAL: NA

FINISH: NA

DRAWN BY: SWN  
DRAWING APPROVED BY ECR

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF STAR HEADLIGHT & LANTERN CO., INC.. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF STAR HEADLIGHT & LANTERN CO., INC. IS STRICTLY PROHIBITED.

**STAR HEADLIGHT & LANTERN CO., INC.**

455 Rochester St. Avon NY 14414  
Ph:(585) 226-9500 Fax: (585) 226-2029

MODEL: ULB9, ULB9S, ULB9E, ULB9LDC

TITLE: ULB9 SERIES MODEL DRAWING

DWG. NO. ULB9 SERIES REV C

SCALE: 1:8 DO NOT SCALE FROM DRAWING SHEET 1 OF 2

MODEL SERIES	AMP DRAW	
	AVERAGE	PEAK
<b>ULB9 and ULB9-1</b>		
-AA (AMBER / AMBER)	0.4	1.4
-AB (AMBER / BLUE)	0.4	1.4
-AG (AMBER /GREEN)	0.4	1.4
-AR (AMBER / RED)	0.5	1.5
-AW (AMBER / WHITE)	0.4	1.4
-BB (BLUE / BLUE)	0.4	1.3
-BW (BLUE / WHITE)	0.4	1.3
-GG (GREEN / GREEN)	0.4	1.3
-GW (GREEN / WHITE)	0.4	1.3
-RB (RED / BLUE)	0.4	1.4
-RR (RED / RED)	0.4	1.4
-RW (RED / WHITE)	0.4	1.4
-WW (WHITE / WHITE)	0.4	1.3
<b>ULB9S and ULB9S-1</b> ALL MODELS	0.5	1.6
<b>ULB9E and ULB9E-1</b>		
-AA (AMBER / AMBER)	0.3	0.9
-AW (AMBER / WHITE)	0.3	0.9
-AB (AMBER / BLUE)	0.3	0.9
-AG (AMBER/GREEN)	0.3	0.9
-BB (BLUE/BLUE)	0.3	0.9
-RB (RED / BLUE)	0.2	0.6
-RW (RED / WHITE)	0.2	0.6
-WW ( WHITE / WHITE )	0.3	0.9
<b>ULB9LDC and ULB9LDC-1</b>		
-AW (AMBER / WHITE)	0.6	0.9
-BW (BLUE / WHITE)	0.6	0.9
-RB (RED / BLUE)	0.5	0.9
-RW (RED / WHITE)	0.5	0.9
-RBWW (RED/BLUE/WHITE/WHITE)	0.5	0.9
-AAWW (AMBER/AMBER/WHITE/WHITE)	0.7	0.9
-RRBB (RED/RED/BLUE/BLUE)	0.6	0.9
-BBWW (BLUE/BLUE/WHITE/WHITE)	0.7	0.9
-RRWW (RED/RED/WHITE/WHITE)	0.6	0.9



REV.	ECR	DESCRIPTION	DATE
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CABLE WIRE FUNCTIONS			
MODEL *	COLOR	FUNCTION	WIRE GAGE
<b>ULB9-1, ULB9S-1 &amp; ULB9E-1</b>			
	BLACK	NEG (-) GROUND	20AWG
	RED	POS (+) 12VDC POWER	20AWG
	GREEN	PATTERN SELECT	20AWG
	WHITE	SYNC	20AWG
<b>ULB9LDC-1</b>			
	BLACK	NEG (-) GROUND	20AWG
	RED	POS (+) 12VDC POWER for COLOR <b>1</b>	20AWG
	GREEN	POS (+) 12VDC POWER for COLOR <b>2</b>	20AWG
	WHITE	SNYC	20AWG

\* MODELS ENDING "-1" HAVE 12' CABLE, OTHERS ARE 12' LONG CIG PLUG

<b>UNLESS OTHERWISE SPECIFIED</b> DIMENSIONS ARE IN INCHES TOLERANCES: ANGULAR: ± 2 DEG. .X ± .100 .XX ± .020 .XXX ± .005 .XXXX ± .001	DRAWN BY: SWN	<b>STAR HEADLIGHT &amp; LANTERN CO., INC.</b> 455 Rochester St. Avon NY 14414 Ph:(585) 226-9500 Fax: (585) 226-2029
	<b>DRAWING APPROVED BY ECR</b> THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF STAR HEADLIGHT & LANTERN CO., INC.. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF STAR HEADLIGHT & LANTERN CO., INC. IS STRICTLY PROHIBITED.	
RoHS COMPLIANT: NO	MATERIAL: NA	MODEL: ULB9, ULB9S, ULB9E, ULB9LDC
FINISH: NA		TITLE: <b>ULB9 SERIES MODEL DRAWING</b>
		DWG. NO. <b>ULB9 SERIES</b> REV <b>C</b>
		SCALE: 1:8 DO NOT SCALE FROM DRAWING SHEET 2 OF 2