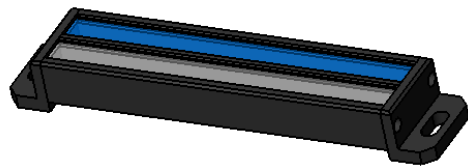
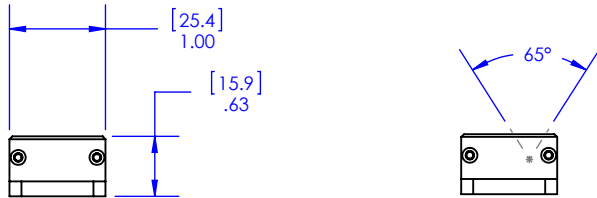
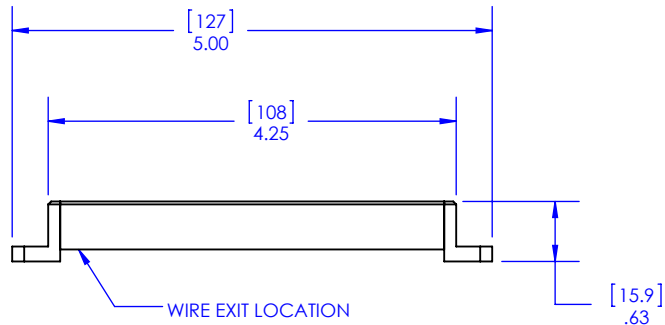
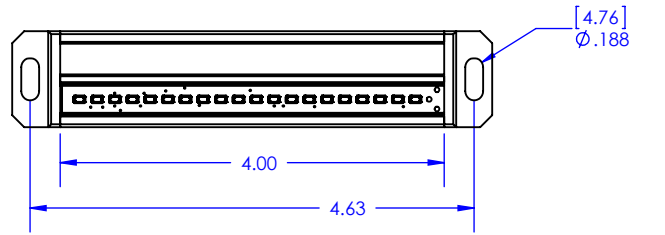


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	Min	Typ	Max	Units
Supply Voltage Range (Nominal)	18	28	34	Vdc
Input Power	1.8	2.8	3.4	Watts
Current (@ 100% Duty Cycle - PWM Input)			100	mA
Light Intensity (From Min/Max Supply Range)	Constant Light Output			
Lumens - White		105		lm
Lumens - NVIS White		45		lm
Number of LED's		20		
Beam Angle		65 x 125		Deg.
Dimming Control - (via PWM Duty Cycle input)	0%		100%	
Maximum PWM input Voltage			34	Vdc
PWM Input Frequency (Note 1 & 2)	100		1000	Hz
Maximum Fixture Voltage			250	Vdc
Reverse Polarity Protected - Yes			-250	Vdc

(Note-1) The PWM signal must be a Square Wave at a fixed frequency between Max PWM input voltage specified and DC common.

(Note-2) By driving the PWM input wire to DC common, the light will turn off. By connecting the PWM input wire to DC Positive (for 100% on all the time), or by driving the PWM input to DC Positive with a PWM input signal, the light will turn on from 0% to 100%.

Operating Temp Range	-40/-40		122/50	F/C
Storage Temperature Range	-40/-40		176/80	F/C

Housing Material	6061-T6 Aluminum
Finish Color	Anodized "Black"
Total Weight	2.8oz (.08kg)
Lens	Plastic
ROHS Compliant	
Made in the USA	MIL-1275 Compatible
NVIS compliant per MILSTD 3009	MIL-810G Compatible

Wiring Information	*Optional Jam Nut Receptacle D38999/24WA98PN
Standard Wiring (6 inches) from fixture	Connector Pin-out
(+Vdc) M22759/34-9 (WHT)	Pin A - +Vdc Voltage
(+Gnd) M22759/34-0 (BLK)	Pin B - Ground
(PWM) M22759/34-6 (BLU)	Pin C - PWM Input

REV.	DESCRIPTION	DATE	APPROVED
-	INITIAL RELEASE	7/11/2015	D.SAND

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES STANDARD TOLERANCES ARE .X ± .032 .XX ± .010 .XXX ± .005 ANGLES ± 1/2° FRACTIONS ± 1/16 THIRD ANGLE PROJECTION DIM & TOL PER ASME Y14.5-2009		CAD GENERATED DRAWING, DO NOT MANUALLY UPDATE
DRAWN	D. SAND	7/11/2016
CHECKED	TAP	7/11/2016
MATERIAL	-	RESP ENG
FINISH	-	MFG ENG
DO NOT SCALE DRAWING	QUAL ENG	

		SIZE	DWG. NO.	REV.
		A	BW-A310	-
SCALE 1:2	CAD FILE:	SHEET 1	OF 1	