



Date code (5 digits), Julian date, first three digits = day of the year last 2 digits = last two digits of current year
(example: 12308 = 123rd day of 2008)

ELM463 - Lighting Control Module with DRL

Features: Front Turn Signal bulbs used as Daytime Running Lights (DRL)
Low current input DRL control
Low current input Turn Signal control
Low current input Hazard Warning control
Brake Lamp control

Specifications: AM noise reduction circuitry
Designed for 2 Turn / 4 Hazard bulb load
Max load -6 Lamps (with trailering) & 2 Teltales
FMVSS108, J1054 & J1690 Class A.

Application: Ford, Mercury, Mazda

Shell Construction: Plastic

Rated Load: 1 TO 6 SAE Number 1156 Lamps. Not for LED

Lamp Ratings: No. 1156, 2.10 Amps. At 12.8 Volts

Temperature Operating Range: -25°F to 140°F (-32°C to 63°C)

Rated Voltage: 11 to 15 Volts DC

128°F 11 to 13 Volts

78°F 12.8 Volts

0° 11 to 13 Volts

Voltage Drop at Rated Current: 500 mv

Time to First Flash: Less than 1.5 seconds

Flash Rate over Temperature Range: 60 to 120 Flashes Per Min.

Duty Cycle: 35% to 75%

Electrical Source:

20 amps. Fused circuit recommended

1 Terminal = Fix Position	8 Terminal = T.S. Left Turn Switch
2 Terminal = Battery (+)	9 Terminal = T.S. Right Turn Switch
3 Terminal = H.W. S/W	10 Terminal = Fix Position
4 Terminal = Right Brake Lamp	11 Terminal = Left DRL Lamp
5 Terminal = Battery (-)	12 Terminal = Right DRL Lamp
6 Terminal = Left Brake Lamp	
7 Terminal = DRL Switch	

3	REVISED RATED LOAD NOT FOR LED	02/12/2018	R.M.
2	DATE CODE ADDED	08/07/2012	D.C.
1	ISSUED	06/25/2010	DC
	DATE	APPROVAL	

REVISIONS		CEC INDUSTRIES LTD	
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES		599 BOND STREET LINCOLNSHIRE IL 60669	
DEGREES ANGULAR XX ± .05 XXX ± .010 FRACTIONAL ± .05		TITLE LIGHTING CONTROL MODULE ELM463	
DRAWN DC	DATE 06/25/2010	SIZE A	REV 3
CHECKED		FSM NO.	ELM463
DESIGN		SCALE	PLOT SCALE
MATERIAL		FILE	ELM463.dwg DO NOT SCALE DRAWING