



ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=20mA

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH				nm	
FORWARD VOLTAGE	2.8		3.6	Vf	If=20mA
REVERSE VOLTAGE	5.0			Vr	Ir=10µA
LUMINOUS INTENSITY*	18000		36000	mcd	If=20mA
CHROMATICITY (X)		0.29			If=20mA
COORDINATES (Y)**		0.28			If=20mA
VIEWING ANGLE		15		2x theta	
EMITTED COLOR:	WHITE				
LENS FINISH:	WATER CLEAR				

*AXIAL INTENSITY TESTING CONDITION 550nm WAVELENGTH.

**THE ICI STANDARD COLORIMETRIC SYSTEM.

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	SYMBOL	MAX	UNITS
PULSE FORWARD CURRENT	Ip	100	mA
STEADY CURRENT	If	30	mA
POWER DISSIPATION	Pd	110	mW
OPERATING TEMP.	ToPR	-40 TO +85	°C
STORAGE TEMP.	Sstg	-40 TO +100	°C
SOLDERING TEMP.		+260	°C
2.0mm FROM BODY		3	SEC.

*DUTY 1/10 PULSE WIDTH 10ms

CAUTION: STATIC SENSITIVE DEVICE
FOLLOW PROPER E.S.D. HANDLING PROCEDURES
WHEN WORKING WITH THIS PART.

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= ^{+DECIMAL PRECISION} _{-0.00} MAX.= ^{+0.00} _{-DECIMAL PRECISION}



425 N. GARY AVE.
CAROL STREAM, IL 60188-4900
PHONE: +1.800.278.5666
FAX: +1.630.315.2152
WEB: WWW.LUMEX.COM
MEMBER OF ITW PHOTONICS GROUP

QUASARBRITE T-5mm (T-1 3/4) ULTRA WHITE LED, WATER CLEAR LENS.

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.

CONFIDENTIAL INFORMATION
THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF LUMEX INC. EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUMEX INC., THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES.

DATE:	08.27.14	DRAWN BY:	MA
PAGE:	1 OF 1	CHKD BY:	KF
SCALE:	NTS	APRVD BY:	KF
UNIT:	mm [INCH]		Ⓟ