




Product Division	<div style="display: flex; align-items: center;"> <div style="background-color: red; color: white; padding: 5px 10px; font-weight: bold; margin-right: 10px;">LPDL</div> <div>Low Power Laser Diode</div> </div>
Product	D64140M-UL45-F300
Description	LPDL 639nm 140mw unif.line45° TTLinput foc.300mm
Main Features	<ul style="list-style-type: none"> Uniform line. Low bore-sight. Plane width adjusted to working range. Trigger input. No line bowing. Large deep of field.
Applications	<ul style="list-style-type: none"> Analytical Instruments. Measuring Instruments. Imaging.
Picture(s)	
Outline	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>FRONT VIEW</p> </div> <div style="text-align: center;">  <p>SIDE VIEW</p> </div> </div> <div style="text-align: center; margin-top: 20px;">  </div>

D64140M-UL45-F300 | TECH SPECIFICATIONS

Parameter	Minimum	Operation	Max. Rating
Centre wavelength @ 25°C	635	637	640
Po.typ. [mW]	135	140	145
Operation mode	CW & Switched		
Trigger input	TTL (ON from 3,5VDC) / 100 Hz / 10% DC		
Iop @ max.Po [mA]	205	261	320
Feeding voltage [V]	4.9	5	5.2
Storage temperature [°C]	-20	25	70
Op. temperature [°C]	15	25	45
Bore sight	<1 mrd		
Laser product class	3B, according with EN-60825 classification, duly identified by labels.		
Full fan angle [°]	43	45	47
Working distance range [mm]	150	300	450
Rise /Fall time [µs]	4.5 / 6.9		
Plane width over WD	230	590	600
Gaussian profile dimension	Centered on line width		

Specifications at 25 ° C if not specified

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