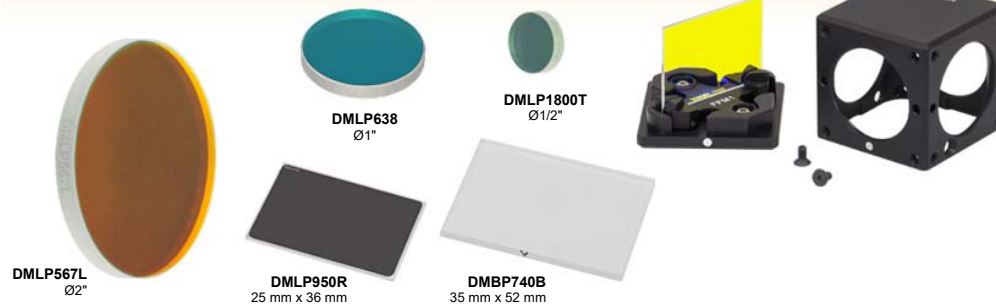


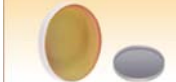
[Products Home](#) / [Optical Elements](#) / [Optical Mirrors](#) / [Dichroic Beamsplitters](#) / Longpass Dichroic Mirrors/Beamsplitters

## Longpass Dichroic Mirrors/Beamsplitters

- ▶ Cut-On Wavelengths from 425 nm to 1800 nm
- ▶ Round and Rectangular Versions Available From Stock
- ▶ Durable Hard Coatings



### Related Items

[Shortpass Dichroic Mirrors](#)

[Fluorescence Imaging Filters](#)

[Hot/Cold Mirrors](#)

[Filter Mounts](#)

[Overview](#) | [Specs](#) | [Applications](#) | [Damage Thresholds](#) | [LIDT Calculations](#) | [Feedback](#)

### Features

- Dichroic Filters Function as Longpass Filters with Minimal Absorption Losses
- Multi-Band Dichroic Filter with Two Transmission Bands and One Reflection Band
- Five Sizes Available: Ø1/2", Ø1", Ø2", 25 mm x 36 mm, or 35 mm x 52 mm
- Hard Coating Allows Easy Handling and Cleaning
- Resistant to Damage from UV Light and Chemicals

### Dichroic Mirrors Selection Guide

<a href="#">Shortpass</a>
<a href="#">Longpass</a>
<a href="#">Multi-Band</a>

Thorlabs' Dichroic Mirrors/Beamsplitters spectrally separate light by transmitting and reflecting light as a function of wavelength. Longpass dichroic mirrors have a transmission and reflection band that are divided by a cut-on wavelength. This type of dichroic is highly reflective below the cut-on wavelength and highly transmissive above it. We also offer a multi-band dichroic mirror that can be used as a longpass mirror. This dichroic has two transmission bands and one reflection band that are separated by a cutoff and cut-on wavelength. It is highly transmissive below the cutoff wavelength and above the cut-on wavelength, while highly reflective between the cutoff and cut-on.

Our longpass dichroic mirrors are offered in several different cut-on wavelengths ranging from 425 to 1800 nm, which are listed in the selection guide graphic to the right. These mirrors are designed for use at a 45° angle of incidence and are available in five sizes: Ø1/2", Ø1", Ø2", 25 mm x 36 mm, and 35 mm x 52 mm. Please see below for transmission and reflection plots of each mirror.

These optics feature a dichroic coating on one surface and an antireflection coating on the opposing surface. We recommend orienting the optic as illustrated in the diagram to the upper right. On round optics, an engraved arrow points toward the surface with the AR coating; on the 25 mm x 36 mm rectangular optics, the side with the engraving has the dichroic coating. The 35 mm x 52 mm dichroic mirrors feature a caret on the side that points towards the AR-coated surface.

For thermally sensitive applications, Thorlabs offers [hot and cold mirrors](#). We also offer [shortpass dichroic mirrors](#), which are highly reflective above the cutoff wavelength and highly transmissive below it.

### Applications

As shown in the [Applications](#) tab, these optics can be used to combine a beam that has a wavelength (or wavelength range) shorter than the cut-on wavelength with a beam that has a wavelength (or wavelength range) longer than the cut-on wavelength. They are also commonly used to split spatially overlapping beams of different colors.

Longpass dichroic mirrors are commonly used in fluorescence microscopy. Excitation light is reflected by the dichroic mirror into the [objective](#), and the emitted fluorescence (which has a longer wavelength than the excitation wavelength) is transmitted through the dichroic mirror into the [scientific camera](#) or [photomultiplier tube](#) (PMT). Residual excitation light that is back-reflected or scattered by the sample will be reflected a second time by the dichroic mirror, preventing it from reaching the camera or PMT and causing spurious signals.

### Surface Quality and Durability

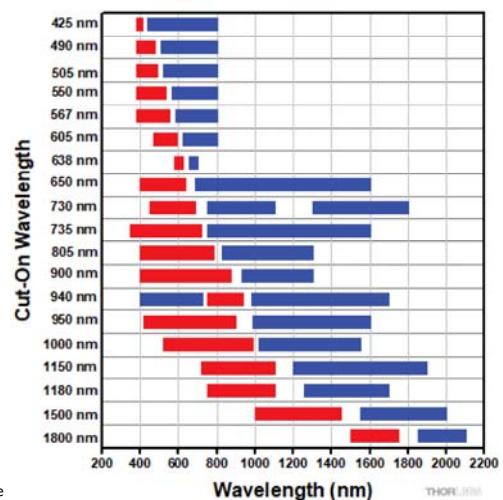
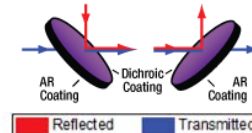
Thorlabs' Dichroic Mirrors/Beamsplitters consist of a hard, ion-beam-sputtered coating deposited on a UV fused silica substrate, providing excellent transparency over the operating wavelength range, virtually zero autofluorescence, and a low coefficient of thermal expansion, making them an ideal choice for applications from the UV to the near IR. The hard coatings themselves have a 40-20 scratch-dig surface quality and allow the optics to be cleaned and handled like typical glass. As opposed to soft coatings, they have improved resistance to humidity effects and can withstand high optical irradiation intensities with no noticeable degradation or burns, even under prolonged exposure to ultraviolet light. Please see the [Damage Thresholds](#) tab for detailed information on the damage thresholds of these filters.

### Mounting Options

For customers who wish to use these dichroic mirrors/beamsplitters in microscopy applications, Thorlabs manufactures a family of [filter cubes and mounts](#). The [Cerna® Breadboard Top with Two-Position Slider](#) can be used to mount the 35 mm x 52 mm dichroics for DIY microscopy.

### Longpass Dichroic Mirror Selection Guide

(Click Cut-On Wavelengths or Bands for Details)



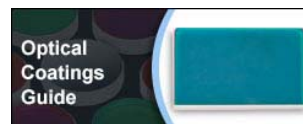
[Click to Enlarge](#)  
Round Versions: Engraved Arrow  
Denotes Side with AR Coating  
(See [Applications](#) Tab for Details)



[Click to Enlarge](#)  
25 mm x 36 mm Versions:  
Engraved Face Has Dichroic Coating



[Click to Enlarge](#)  
35 mm x 52 mm Versions:  
Caret Points to AR-Coated Side



Optical  
Coatings  
Guide



Optic Handling  
and Cleaning  
Tutorial

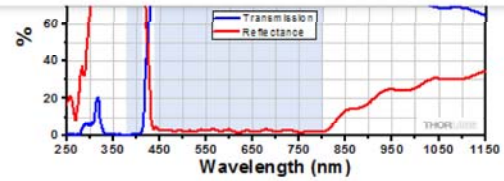
## Longpass Dichroic Mirrors/Beamsplitters: 425 nm Cut-On Wavelength



Specifications	
Cut-On Wavelength	425 nm
Transmission Band ( $T_{\text{abs}} > 85\%$ , $T_{\text{avg}} > 90\%$ )	440 - 800 nm
Reflection Band ( $R_{\text{abs}} > 90\%$ , $R_{\text{avg}} > 95\%$ )	380 - 410 nm



DMLP425	<a href="#">i</a>
DMLP425L	<a href="#">i</a>
DMLP425R	<a href="#">i</a>



Click [Here](#) for Raw Data from 250 - 2500 nm  
The blue shaded regions denote the transmission and reflection bands for which the performance is guaranteed to meet the stated specifications. Performance outside the shaded regions will vary from lot to lot and is not guaranteed.

Based on your currency / country selection, your order will ship from Newton, New Jersey

+1	Qty	Docs	Part Number - Universal	Price	Available
<a href="#">+1</a>	<input type="text"/>	<a href="#">Docs</a>	<a href="#">DMLP425T</a> Customer Inspired! Ø1/2" Longpass Dichroic Mirror, 425 nm Cut-On	\$122.28	Today
<a href="#">+1</a>	<input type="text"/>	<a href="#">Docs</a>	<a href="#">DMLP425</a> Ø1" Longpass Dichroic Mirror, 425 nm Cut-On	\$182.88	<a href="#">5-8 Days</a>
<a href="#">+1</a>	<input type="text"/>	<a href="#">Docs</a>	<a href="#">DMLP425L</a> Customer Inspired! Ø2" Longpass Dichroic Mirror, 425 nm Cut-On	\$331.12	<a href="#">Lead Time</a>
<a href="#">+1</a>	<input type="text"/>	<a href="#">Docs</a>	<a href="#">DMLP425R</a> Customer Inspired! 25 mm x 36 mm Longpass Dichroic Mirror, 425 nm Cut-On	\$254.30	Today

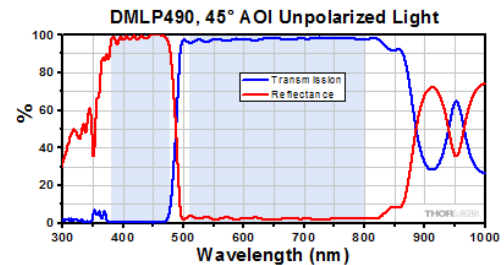
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### Longpass Dichroic Mirrors/Beamsplitters: 490 nm Cut-On Wavelength



[Zoom](#)

Specifications	
Cut-On Wavelength	490 nm
Transmission Band ( $T_{\text{abs}} > 85\%$ , $T_{\text{avg}} > 90\%$ )	505 - 800 nm
Reflection Band ( $R_{\text{abs}} > 90\%$ , $R_{\text{avg}} > 95\%$ )	380 - 475 nm
Item #	More Info
DMLP490T	<a href="#">i</a>
DMLP490	<a href="#">i</a>
DMLP490L	<a href="#">i</a>
DMLP490R	<a href="#">i</a>



Click [Here](#) for Raw Data from 300 - 2600 nm  
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<a href="#">+1</a>	<input type="text"/>	<a href="#">Docs</a>	<a href="#">DMLP490T</a> Customer Inspired! Ø1/2" Longpass Dichroic Mirror, 490 nm Cut-On	\$122.28	Today
<a href="#">+1</a>	<input type="text"/>	<a href="#">Docs</a>	<a href="#">DMLP490</a> Customer Inspired! Ø1" Longpass Dichroic Mirror, 490 nm Cut-On	\$182.88	Today
<a href="#">+1</a>	<input type="text"/>	<a href="#">Docs</a>	<a href="#">DMLP490L</a> Customer Inspired! Ø2" Longpass Dichroic Mirror, 490 nm Cut-On	\$331.12	<a href="#">Lead Time</a>
<a href="#">+1</a>	<input type="text"/>	<a href="#">Docs</a>	<a href="#">DMLP490R</a> Customer Inspired! 25 mm x 36 mm Longpass Dichroic Mirror, 490 nm Cut-On	\$254.30	<a href="#">5-8 Days</a>

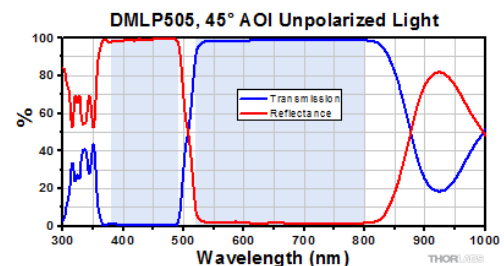
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### Longpass Dichroic Mirrors/Beamsplitters: 505 nm Cut-On Wavelength



[Zoom](#)

Specifications	
Cut-On Wavelength	505 nm
Transmission Band ( $T_{\text{abs}} > 85\%$ , $T_{\text{avg}} > 90\%$ )	520 - 800 nm
Reflection Band ( $R_{\text{abs}} > 90\%$ , $R_{\text{avg}} > 95\%$ )	380 - 490 nm
Item #	More Info
DMLP505T	<a href="#">i</a>
DMLP505	<a href="#">i</a>
DMLP505L	<a href="#">i</a>
DMLP505R	<a href="#">i</a>



Click [Here](#) for Raw Data from 250 - 2500 nm  
The blue shaded regions denote the transmission and reflection bands for which the performance is guaranteed to meet the stated specifications. Performance outside the shaded regions will vary from lot to lot and is not guaranteed.

Based on your currency / country selection, your order will ship from Newton, New Jersey

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<a href="#">+1</a>	<input type="text"/>	<a href="#">Docs</a>	<a href="#">DMLP505T</a> Customer Inspired! Ø1/2" Longpass Dichroic Mirror, 505 nm Cut-On	\$122.28	Today
<a href="#">+1</a>	<input type="text"/>	<a href="#">Docs</a>	<a href="#">DMLP505</a> Ø1" Longpass Dichroic Mirror, 505 nm Cut-On	\$182.88	Today
<a href="#">+1</a>	<input type="text"/>	<a href="#">Docs</a>	<a href="#">DMLP505L</a> Customer Inspired! Ø2" Longpass Dichroic Mirror, 505 nm Cut-On	\$331.12	Today
<a href="#">+1</a>	<input type="text"/>	<a href="#">Docs</a>	<a href="#">DMLP505R</a> Customer Inspired! 25 mm x 36 mm Longpass Dichroic Mirror, 505 nm Cut-On	\$254.30	Today

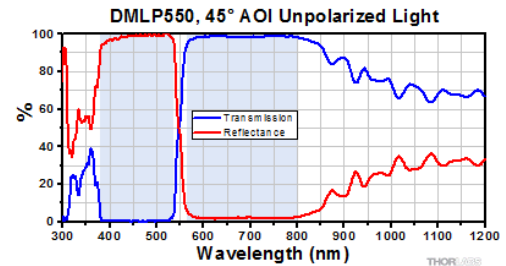


### Longpass Dichroic Mirrors/Beamsplitters: 550 nm Cut-On Wavelength



DMLP550T  
[Zoom](#)

Specifications	
Cut-On Wavelength	550 nm
Transmission Band ( $T_{abs} > 85\%$ , $T_{avg} > 90\%$ )	565 - 800 nm
Reflection Band ( $R_{abs} > 90\%$ , $R_{avg} > 95\%$ )	380 - 533 nm
Item #	More Info
DMLP550T	<a href="#">i</a>
DMLP550	<a href="#">i</a>
DMLP550L	<a href="#">i</a>
DMLP550R	<a href="#">i</a>



Click [Here](#) for Raw Data from 300 - 2600 nm  
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+1	Qty	Docs	Part Number - Universal	Price	Available
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	<input type="text"/>		<a href="#">DMLP550</a> <b>Customer Inspired!</b> Ø1" Longpass Dichroic Mirror, 550 nm Cut-On	\$182.88	Today
	<input type="text"/>		<a href="#">DMLP550L</a> <b>Customer Inspired!</b> Ø2" Longpass Dichroic Mirror, 550 nm Cut-On	\$331.12	Today
	<input type="text"/>		<a href="#">DMLP550R</a> <b>Customer Inspired!</b> 25 mm x 36 mm Longpass Dichroic Mirror, 550 nm Cut-On	\$254.30	Today

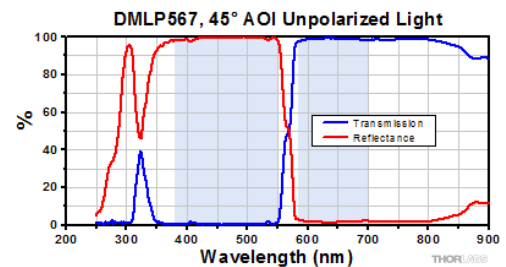
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### Longpass Dichroic Mirrors/Beamsplitters: 567 nm Cut-On Wavelength



DMLP567T  
[Zoom](#)

Specifications	
Cut-On Wavelength	567 nm
Transmission Band ( $T_{abs} > 85\%$ , $T_{avg} > 90\%$ )	584 - 800 nm
Reflection Band ( $R_{abs} > 90\%$ , $R_{avg} > 95\%$ )	380 - 550 nm
Item #	More Info
DMLP567T	<a href="#">i</a>
DMLP567	<a href="#">i</a>
DMLP567L	<a href="#">i</a>
DMLP567R	<a href="#">i</a>



Click [Here](#) for Raw Data from 200 - 2600 nm  
The blue shaded regions denote the transmission and reflection bands for which the performance is guaranteed to meet the stated specifications. Performance outside the shaded regions will vary from lot to lot and is not guaranteed.

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+1	Qty	Docs	Part Number - Universal	Price	Available
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	<input type="text"/>		<a href="#">DMLP567</a> Ø1" Longpass Dichroic Mirror, 567 nm Cut-On	\$182.88	Today
	<input type="text"/>		<a href="#">DMLP567L</a> <b>Customer Inspired!</b> Ø2" Longpass Dichroic Mirror, 567 nm Cut-On	\$331.12	<a href="#">Lead Time</a>
	<input type="text"/>		<a href="#">DMLP567R</a> <b>Customer Inspired!</b> 25 mm x 36 mm Longpass Dichroic Mirror, 567 nm Cut-On	\$254.30	Today

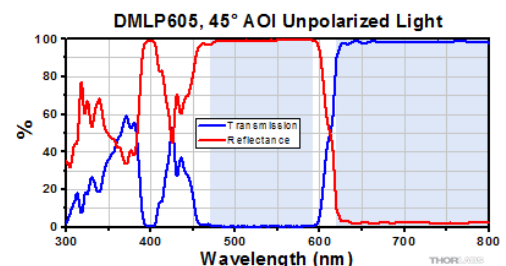
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### Longpass Dichroic Mirrors/Beamsplitters: 605 nm Cut-On Wavelength



DMLP605T  
[Zoom](#)

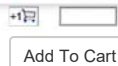
Specifications	
Cut-On Wavelength	605 nm
Transmission Band ( $T_{abs} > 85\%$ , $T_{avg} > 90\%$ )	620 - 800 nm
Reflection Band ( $R_{abs} > 90\%$ , $R_{avg} > 95\%$ )	470 - 590 nm
Item #	More Info
DMLP605T	<a href="#">i</a>
DMLP605	<a href="#">i</a>
DMLP605L	<a href="#">i</a>
DMLP605R	<a href="#">i</a>



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The blue shaded regions denote the transmission and reflection bands for which the performance is guaranteed to meet the stated specifications. Performance outside the shaded regions will vary from lot to lot and is not guaranteed.

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+1	Qty	Docs	Part Number - Universal	Price	Available
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**DMLP605R** *Customer Inspired!* 25 mm x 36 mm Longpass Dichroic Mirror, 605 nm Cut-On

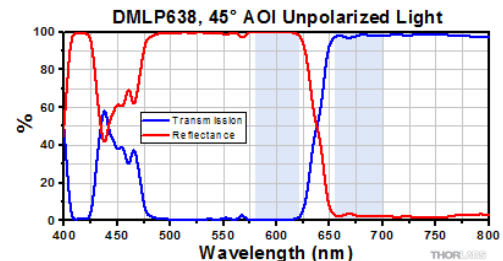
\$331.12

Today

### Longpass Dichroic Mirrors/Beamsplitters: 638 nm Cut-On Wavelength


[Zoom](#)

Specifications	
Cut-On Wavelength	638 nm
Transmission Band ( $T_{\text{abs}} > 85\%$ , $T_{\text{avg}} > 90\%$ )	655 - 700 nm
Reflection Band ( $R_{\text{abs}} > 90\%$ )	580 - 621 nm
Item #	More Info
DMLP638T	<a href="#">i</a>
DMLP638	<a href="#">i</a>
DMLP638L	<a href="#">i</a>
DMLP638R	<a href="#">i</a>



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The blue shaded regions denote the transmission and reflection bands for which the performance is guaranteed to meet the stated specifications. Performance outside the shaded regions will vary from lot to lot and is not guaranteed.

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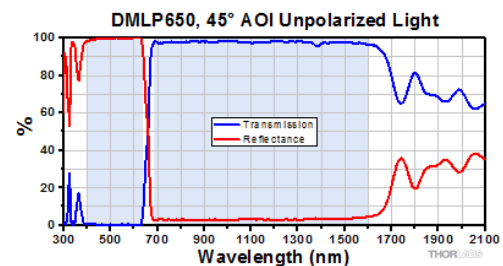
+1	Qty	Docs	Part Number - Universal	Price	Available
	<input type="text"/>		<a href="#">DMLP638T</a> <i>Customer Inspired!</i> Ø1/2" Longpass Dichroic Mirror, 638 nm Cut-On	\$122.28	Today
	<input type="text"/>		<a href="#">DMLP638</a> Ø1" Longpass Dichroic Mirror, 638 nm Cut-On	\$182.88	Today
	<input type="text"/>		<a href="#">DMLP638L</a> <i>Customer Inspired!</i> Ø2" Longpass Dichroic Mirror, 638 nm Cut-On	\$331.12	Today
	<input type="text"/>		<a href="#">DMLP638R</a> <i>Customer Inspired!</i> 25 mm x 36 mm Longpass Dichroic Mirror, 638 nm Cut-On	\$254.30	Today

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### Longpass Dichroic Mirrors/Beamsplitters: 650 nm Cut-On Wavelength


[Zoom](#)

Specifications	
Cut-On Wavelength	650 nm
Transmission Band ( $T_{\text{abs}} > 85\%$ , $T_{\text{avg}} > 90\%$ )	685 - 1600 nm
Reflection Band ( $R_{\text{abs}} > 90\%$ , $R_{\text{avg}} > 95\%$ )	400 - 633 nm
Item #	More Info
DMLP650T	<a href="#">i</a>
DMLP650	<a href="#">i</a>
DMLP650L	<a href="#">i</a>
DMLP650R	<a href="#">i</a>



Click [Here](#) for Raw Data from 300 - 2600 nm  
The blue shaded regions denote the transmission and reflection bands for which the performance is guaranteed to meet the stated specifications. Performance outside the shaded regions will vary from lot to lot and is not guaranteed.

Based on your currency / country selection, your order will ship from Newton, New Jersey

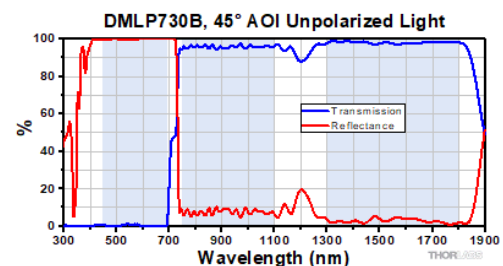
+1	Qty	Docs	Part Number - Universal	Price	Available
	<input type="text"/>		<a href="#">DMLP650T</a> <i>Customer Inspired!</i> Ø1/2" Longpass Dichroic Mirror, 650 nm Cut-On	\$188.28	Today
	<input type="text"/>		<a href="#">DMLP650</a> <i>Customer Inspired!</i> Ø1" Longpass Dichroic Mirror, 650 nm Cut-On	\$282.44	Today
	<input type="text"/>		<a href="#">DMLP650L</a> <i>Customer Inspired!</i> Ø2" Longpass Dichroic Mirror, 650 nm Cut-On	\$607.07	Today
	<input type="text"/>		<a href="#">DMLP650R</a> <i>Customer Inspired!</i> 25 mm x 36 mm Longpass Dichroic Mirror, 650 nm Cut-On	\$541.06	Today

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### Longpass Dichroic Mirror/Beamsplitter: 730 nm Cut-On Wavelength


[Zoom](#)

Specifications	
Cut-On Wavelength	730 nm
Transmission Band ( $T_{\text{avg}} > 92\%$ )	750 - 1100 nm
Transmission Band ( $T_{\text{avg}} > 94\%$ )	1300 - 1400 nm, 1300 - 1800 nm, 1700 - 1800 nm
Reflection Band ( $R_{\text{avg}} > 97\%$ )	450 - 690 nm
Item #	More Info
DMLP730B	<a href="#">i</a>



Click [Here](#) for Raw Data from 200 - 2500 nm  
The blue shaded regions denote the transmission and reflection bands for which the performance is guaranteed to meet the stated specifications. Performance outside the shaded regions will vary from lot to lot and is not guaranteed.

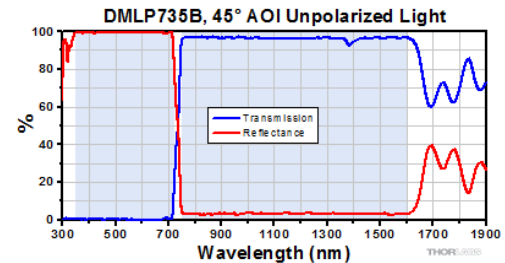

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	<input type="text"/>		<a href="#">DMLP730B</a> 35 mm x 52 mm Longpass Dichroic Mirror, 730 nm Cut-On	\$4,000.00	Today
<a href="#">Add To Cart</a>					

### Longpass Dichroic Mirror/Beamsplitter: 735 nm Cut-On Wavelength


[Zoom](#)

Specifications	
Cut-On Wavelength	735 nm
Transmission Band ( $T_{avg} > 93\%$ )	750 - 1600 nm
Reflection Band ( $R_{avg} > 98\%$ )	350 - 720 nm
Item #	More Info
DMLP735B	



Click [Here](#) for Raw Data from 250 - 2500 nm

The blue shaded regions denote the transmission and reflection bands for which the performance is guaranteed to meet the stated specifications. Performance outside the shaded regions will vary from lot to lot and is not guaranteed.

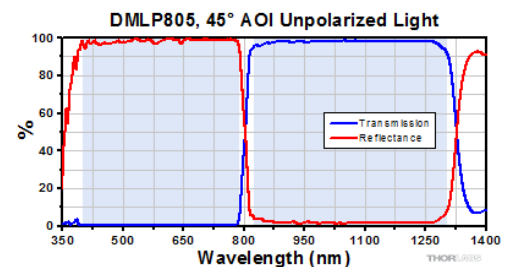
Based on your currency / country selection, your order will ship from Newton, New Jersey

+1	Qty	Docs	Part Number - Universal	Price	Available
	<input type="text"/>		<a href="#">DMLP735B</a> 35 mm x 52 mm Longpass Dichroic Mirror, 735 nm Cut-On	\$2,997.04	Today
<a href="#">Add To Cart</a>					

### Longpass Dichroic Mirrors/Beamsplitters: 805 nm Cut-On Wavelength


[Zoom](#)

Specifications	
Cut-On Wavelength	805 nm
Transmission Band ( $T_{abs} > 85\%$ , $T_{avg} > 90\%$ )	825 - 1300 nm
Reflection Band ( $R_{abs} > 90\%$ , $R_{avg} > 95\%$ )	400 - 785 nm
Item #	More Info
DMLP805T	
DMLP805	
DMLP805L	
DMLP805R	



Click [Here](#) for Raw Data from 250 - 2500 nm

The blue shaded regions denote the transmission and reflection bands for which the performance is guaranteed to meet the stated specifications. Performance outside the shaded regions will vary from lot to lot and is not guaranteed.

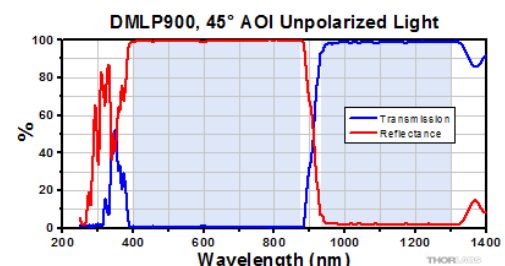
Based on your currency / country selection, your order will ship from Newton, New Jersey

+1	Qty	Docs	Part Number - Universal	Price	Available
	<input type="text"/>		<a href="#">DMLP805T</a> <i>Customer Inspired!</i> Ø1/2" Longpass Dichroic Mirror, 805 nm Cut-On	\$188.28	Today
	<input type="text"/>		<a href="#">DMLP805</a> <i>Customer Inspired!</i> Ø1" Longpass Dichroic Mirror, 805 nm Cut-On	\$282.44	Today
	<input type="text"/>		<a href="#">DMLP805L</a> <i>Customer Inspired!</i> Ø2" Longpass Dichroic Mirror, 805 nm Cut-On	\$607.07	Today
	<input type="text"/>		<a href="#">DMLP805R</a> <i>Customer Inspired!</i> 25 mm x 36 mm Longpass Dichroic Mirror, 805 nm Cut-On	\$541.06	Today
<a href="#">Add To Cart</a>					

### Longpass Dichroic Mirrors/Beamsplitters: 900 nm Cut-On Wavelength


[Zoom](#)

Specifications	
Cut-On Wavelength	900 nm
Transmission Band ( $T_{abs} > 85\%$ , $T_{avg} > 90\%$ )	932 - 1300 nm
Reflection Band ( $R_{abs} > 90\%$ )	400 - 872 nm
Item #	More Info
DMLP900T	
DMLP900	
DMLP900L	
DMLP900R	



Click [Here](#) for Raw Data from 200 - 2600 nm

The blue shaded regions denote the transmission and reflection bands for which the performance is guaranteed to meet the stated specifications. Performance outside the shaded regions will vary from lot to lot and is not guaranteed.





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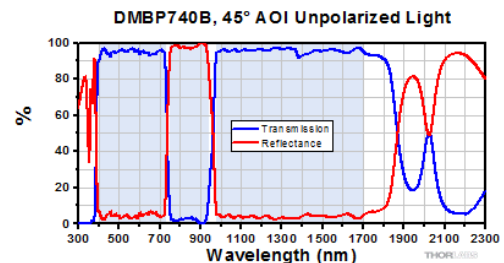
		<a href="#">DMLP900T</a> <b>Customer Inspired!</b> Ø1/2" Longpass Dichroic Mirror, 900 nm Cut-On	\$143.92	Today
		<a href="#">DMLP900</a> Ø1" Longpass Dichroic Mirror, 900 nm Cut-On	\$215.34	<a href="#">5-8 Days</a>
		<a href="#">DMLP900L</a> <b>Customer Inspired!</b> Ø2" Longpass Dichroic Mirror, 900 nm Cut-On	\$441.50	<a href="#">5-8 Days</a>
		<a href="#">DMLP900R</a> <b>Customer Inspired!</b> 25 mm x 36 mm Longpass Dichroic Mirror, 900 nm Cut-On	\$398.22	Today

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## Multi-Band Dichroic Mirror/Beamsplitter: 940 nm Cut-On Wavelength


[Zoom](#)

Specifications	
Cutoff Wavelength	740 nm
Cut-On Wavelength	940 nm
Transmission Bands ( $T_{avg} > 93\%$ )	400 - 725 nm, 980 - 1700 nm
Reflection Band ( $R_{avg} > 97\%$ )	753 - 935 nm
Item #	More Info
DMBP740B	


[Click to Enlarge](#)  
[Click Here](#) for Raw Data from 250 - 2500 nm

The blue shaded regions denote the transmission and reflection bands for which the performance is guaranteed to meet the stated specifications. Performance outside the shaded regions will vary from lot to lot and is not guaranteed.

Based on your currency / country selection, your order will ship from Newton, New Jersey

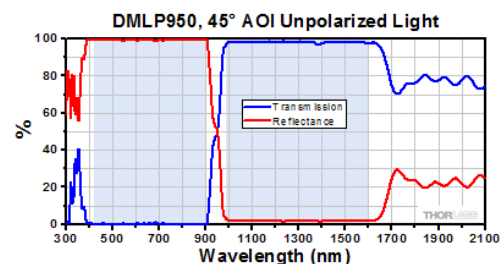
+1	Qty	Docs	Part Number - Universal	Price	Available
	<input type="text"/>		<a href="#">DMBP740B</a> 35 mm x 52 mm Multi-Band Dichroic Mirror, 740 nm Cutoff, 940 nm Cut-On	\$944.51	<a href="#">Lead Time</a>

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## Longpass Dichroic Mirrors/Beamsplitters: 950 nm Cut-On Wavelength


[Zoom](#)

Specifications	
Cut-On Wavelength	950 nm
Transmission Band ( $T_{abs} > 85\%$ , $T_{avg} > 90\%$ )	990 - 1600 nm
Reflection Band ( $R_{abs} > 90\%$ , $R_{avg} > 95\%$ )	420 - 900 nm
Item #	More Info
DMLP950T	
DMLP950	
DMLP950L	
DMLP950R	


[Click to Enlarge](#)  
[Click Here](#) for Raw Data from 300 - 2600 nm

The blue shaded regions denote the transmission and reflection bands for which the performance is guaranteed to meet the stated specifications. Performance outside the shaded regions will vary from lot to lot and is not guaranteed.

Based on your currency / country selection, your order will ship from Newton, New Jersey

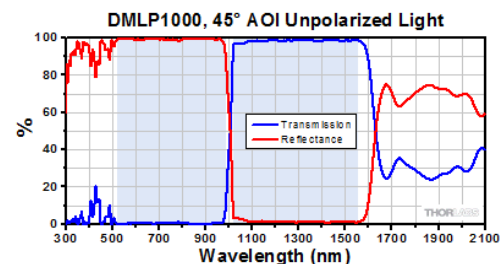
+1	Qty	Docs	Part Number - Universal	Price	Available
	<input type="text"/>		<a href="#">DMLP950T</a> <b>Customer Inspired!</b> Ø1/2" Longpass Dichroic Mirror, 950 nm Cut-On	\$188.28	Today
	<input type="text"/>		<a href="#">DMLP950</a> <b>Customer Inspired!</b> Ø1" Longpass Dichroic Mirror, 950 nm Cut-On	\$282.44	<a href="#">5-8 Days</a>
	<input type="text"/>		<a href="#">DMLP950L</a> <b>Customer Inspired!</b> Ø2" Longpass Dichroic Mirror, 950 nm Cut-On	\$607.07	Today
	<input type="text"/>		<a href="#">DMLP950R</a> <b>Customer Inspired!</b> 25 mm x 36 mm Longpass Dichroic Mirror, 950 nm Cut-On	\$541.06	Today

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## Longpass Dichroic Mirrors/Beamsplitters: 1000 nm Cut-On Wavelength


[Zoom](#)

Specifications	
Cut-On Wavelength	1000 nm
Transmission Band ( $T_{abs} > 85\%$ , $T_{avg} > 90\%$ )	1020 - 1550 nm
Reflection Band ( $R_{abs} > 90\%$ , $R_{avg} > 95\%$ )	520 - 985 nm
Item #	More Info
DMLP1000T	
DMLP1000	
DMLP1000L	
DMLP1000R	

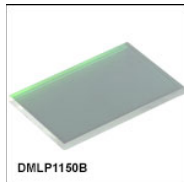

[Click to Enlarge](#)  
[Click Here](#) for Raw Data from 250 - 2500 nm

The blue shaded regions denote the transmission and reflection bands for which the performance is guaranteed to meet the stated specifications. Performance outside the shaded regions will vary from lot to lot and is not guaranteed.

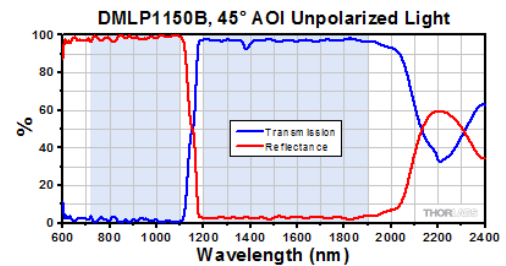


+1	Qty	Docs	Part Number - Universal	Price	Available
	<input type="text"/>		<a href="#">DMLP1000T</a> Customer Inspired! Ø1/2" Longpass Dichroic Mirror, 1000 nm Cut-On	\$188.28	Today
	<input type="text"/>		<a href="#">DMLP1000</a> Customer Inspired! Ø1" Longpass Dichroic Mirror, 1000 nm Cut-On	\$282.44	<a href="#">Lead Time</a>
	<input type="text"/>		<a href="#">DMLP1000L</a> Customer Inspired! Ø2" Longpass Dichroic Mirror, 1000 nm Cut-On	\$607.07	Today
	<input type="text"/>		<a href="#">DMLP1000R</a> Customer Inspired! 25 mm x 36 mm Longpass Dichroic Mirror, 1000 nm Cut-On	\$541.06	Today

### Longpass Dichroic Mirror/Beamsplitter: 1150 nm Cut-On Wavelength


[Zoom](#)

Specifications	
Cut-On Wavelength	1150 nm
Transmission Band ( $T_{avg} > 95\%$ )	1200 - 1900 nm
Reflection Band ( $R_{avg} > 95\%$ )	720 - 1100 nm
Item #	<a href="#">More Info</a>
DMLP1150B	<a href="#">i</a>



Click [Here](#) for Raw Data from 250 - 2500 nm

The blue shaded regions denote the transmission and reflection bands for which the performance is guaranteed to meet the stated specifications. Performance outside the shaded regions will vary from lot to lot and is not guaranteed.

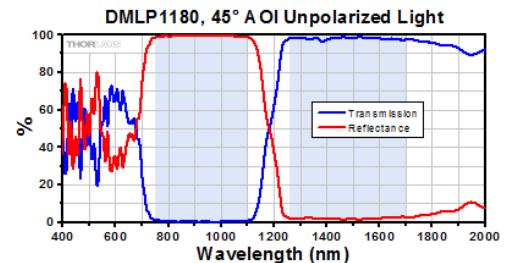
Based on your currency / country selection, your order will ship from Newton, New Jersey

+1	Qty	Docs	Part Number - Universal	Price	Available
	<input type="text"/>		<a href="#">DMLP1150B</a> 35 mm x 52 mm Longpass Dichroic Mirror, 1150 nm Cut-On	\$1,570.13	<a href="#">Lead Time</a>

### Longpass Dichroic Mirrors/Beamsplitters: 1180 nm Cut-On Wavelength


[Zoom](#)

Specifications	
Cut-On Wavelength	1180 nm
Transmission Band ( $T_{abs} > 85\%$ , $T_{avg} > 90\%$ )	1260 - 1700 nm
Reflection Band ( $R_{abs} > 90\%$ , $R_{avg} > 95\%$ )	750 - 1100 nm
Item #	<a href="#">More Info</a>
DMLP1180T	<a href="#">i</a>
DMLP1180	<a href="#">i</a>
DMLP1180L	<a href="#">i</a>
DMLP1180R	<a href="#">i</a>



Click [Here](#) for Raw Data from 200 - 2600 nm

The blue shaded regions denote the transmission and reflection bands for which the performance is guaranteed to meet the stated specifications. Performance outside the shaded regions will vary from lot to lot and is not guaranteed.

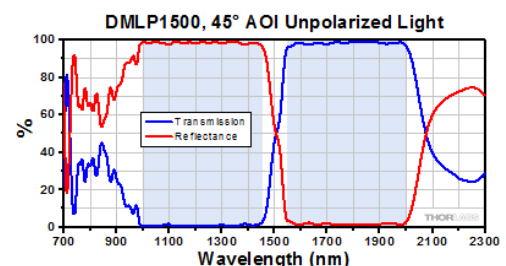
Based on your currency / country selection, your order will ship from Newton, New Jersey

+1	Qty	Docs	Part Number - Universal	Price	Available
	<input type="text"/>		<a href="#">DMLP1180T</a> Customer Inspired! Ø1/2" Longpass Dichroic Mirror, 1180 nm Cut-On	\$143.92	<a href="#">5-8 Days</a>
	<input type="text"/>		<a href="#">DMLP1180</a> Customer Inspired! Ø1" Longpass Dichroic Mirror, 1180 nm Cut-On	\$209.93	Today
	<input type="text"/>		<a href="#">DMLP1180L</a> Customer Inspired! Ø2" Longpass Dichroic Mirror, 1180 nm Cut-On	\$441.50	<a href="#">5-8 Days</a>
	<input type="text"/>		<a href="#">DMLP1180R</a> Customer Inspired! 25 mm x 36 mm Longpass Dichroic Mirror, 1180 nm Cut-On	\$353.86	Today

### Longpass Dichroic Mirrors/Beamsplitters: 1500 nm Cut-On Wavelength


[Zoom](#)

Specifications	
Cut-On Wavelength	1500 nm
Transmission Band ( $T_{abs} > 85\%$ , $T_{avg} > 90\%$ )	1550 - 2000 nm
Reflection Band ( $R_{abs} > 90\%$ , $R_{avg} > 95\%$ )	1000 - 1450 nm
Item #	<a href="#">More Info</a>
DMLP1500T	<a href="#">i</a>
DMLP1500	<a href="#">i</a>
DMLP1500L	<a href="#">i</a>
DMLP1500R	<a href="#">i</a>



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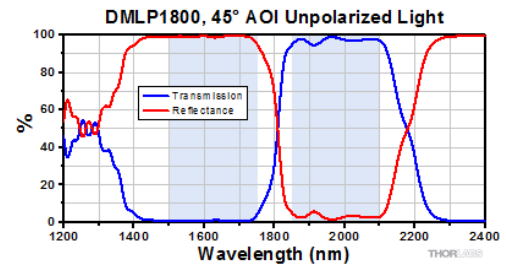
+1	Qty	Docs	Part Number - Universal	Price	Available
	<input type="text"/>		<a href="#">DMLP1500T</a> <i>Customer Inspired!</i> Ø1/2" Longpass Dichroic Mirror, 1500 nm Cut-On	\$188.28	Today
	<input type="text"/>		<a href="#">DMLP1500</a> <i>Customer Inspired!</i> Ø1" Longpass Dichroic Mirror, 1500 nm Cut-On	\$282.44	Today
	<input type="text"/>		<a href="#">DMLP1500L</a> <i>Customer Inspired!</i> Ø2" Longpass Dichroic Mirror, 1500 nm Cut-On	\$607.07	Today
	<input type="text"/>		<a href="#">DMLP1500R</a> <i>Customer Inspired!</i> 25 mm x 36 mm Longpass Dichroic Mirror, 1500 nm Cut-On	\$541.06	Today

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### Longpass Dichroic Mirrors/Beamsplitters: 1800 nm Cut-On Wavelength


[Zoom](#)

Specifications	
Cut-On Wavelength	1800 nm
Transmission Band ( $T_{\text{abs}} > 85\%$ , $T_{\text{avg}} > 90\%$ )	1850 - 2100 nm
Reflection Band ( $R_{\text{abs}} > 90\%$ , $R_{\text{avg}} > 95\%$ )	1500 - 1750 nm
Item #	More Info
DMLP1800T	
DMLP1800	
DMLP1800L	
DMLP1800R	



Based on your currency / country selection, your order will ship from Newton, New Jersey

+1	Qty	Docs	Part Number - Universal	Price	Available
	<input type="text"/>		<a href="#">DMLP1800T</a> <i>Customer Inspired!</i> Ø1/2" Longpass Dichroic Mirror, 1800 nm Cut-On	\$188.28	Today
	<input type="text"/>		<a href="#">DMLP1800</a> Ø1" Longpass Dichroic Mirror, 1800 nm Cut-On	\$282.44	Today
	<input type="text"/>		<a href="#">DMLP1800L</a> Ø2" Longpass Dichroic Mirror, 1800 nm Cut-On	\$607.07	Today
	<input type="text"/>		<a href="#">DMLP1800R</a> 25 mm x 36 mm Longpass Dichroic Mirror, 1800 nm Cut-On	\$541.06	Today

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