

ILLUMITEX LEDs



This product is RoHS compliant.

Illumitex LEDs are high power LEDs which integrate optics directly on the LED package—eliminating the need for secondary optics while delivering maximum lumens to the intended target surface. Digital Distribution™ (DD) technology can create luminaires with 50% - 90% of light within the beam angle to produce the sharpest cut-offs available.

*Digital Distribution: percentage of light within the beam angle

Available Spectra:

- F1: General Purpose and High Efficiency Growth
- F3: General Purpose, Best for Germination, Flowering
- F6: For Compact Plants, Especially Seedlings
- F7: For Strong Suppression of Height Elongation

F5 Spectra:

- 450 nm Blue: Supplements Blue-Deficient Lighting (e.g. High Pressure Sodium)
- 624 nm Red: Supplements Red-Deficient Lighting (e.g. Metal Halide)
- 660 nm Deep Red: Supplements Red-Deficient Lighting; Best for Night Interruption
- 730 nm Far Red: Promotes Flowering of Short-Day Plants (Photosynthetically Active)

LED Lighting

Illumitex

NEW SUPPLIER

NEW SUPPLIER

NEW SUPPLIER

NEW SUPPLIER

LED HORTICULTURE FIXTURES



MOUSER STOCK NO.	Illumitex Part No.	Fig.	Spectrum	Radiometric Power (W)	Beam Angle	*Digital Distribution	Bar Length	Price Each	
								1	10
953-ES14812F36-75EUC	ES14812F36-75EUC	A	F3	15.7	50°	65%	48 in.	449.00	440.00

LED HORTICULTURE ILLUMINATION

Surexi Series

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Illumitex Part No.	Fig.	Spectrum	Radiometric Power (W)	Beam Angle	*Digital Distribution	Forward Voltage Max. (V)	Forward Current Max. (mA)	Price Each	
									1	10
Surexi Series										
953-AD446S-500F1	AD446S-500F1	B	F1	1.7	50°	65%	11	600	12.60	11.90
953-AD446S-500F3	AD446S-500F3	B	F3	1.6	50°	65%	11	600	12.60	11.90
953-AD446S-500F6	AD446S-500F6	B	F6	1.9	50°	65%	12	600	12.60	11.90
953-AD446S-500F7	AD446S-500F7	B	F7	2.1	50°	65%	13	600	12.60	11.90
Surexi 2x2 SLM Series										
953-222AD446S-502F6	222AD446S-502F6	C	F3	1.6	50°	65%	11	600	61.05	59.20
953-222AD446S-502F3	222AD446S-502F3	C	F6	2	50°	65%	12	600	61.05	59.20

Abeo FX F5 Spectrum

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Illumitex Part No.	Fig.	Beam Angle	*Digital Distribution	Forward Volt. Max. (V)	Forward Current Max. (mA)	Price Each	
							1	10
953-FX446S-504F5	FX446S-504F5	D	50°	65%	11 Per Channel	150 Per Channel	19.80	18.70

GENERAL ILLUMINATION

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Illumitex Part No.	Fig.	Color	Color Temp. (K)	Lumens	Beam Angle	*Digital Distribution	Forward Volt. Max. (V)	Forward Current Max. (mA)	Price Each	
										1	10
Aduro AD44 Series											
953-AV446S-500BW	AV446S-500BW	B	Warm White	3000	580	50°	65%	13.4	1400	18.10	17.06
953-AV446S-500DW	AV446S-500DW	B	Neutral White	4000	660	50°	65%	13.4	1400	18.10	17.06
953-AV446S-500GW	AV446S-500GW	B	Cool White	5700	838	50°	65%	13.4	1400	18.10	17.06
Aduro VH 2x2 ALM Series											
953-222AV446S-502BW	222AV446S-502BW	C	Warm White	3000	2320	50°	65%	26.8	2800	76.48	73.63
953-222AV446S-502DW	222AV446S-502DW	C	Neutral White	4000	2640	50°	65%	26.8	2800	76.48	73.63
953-222AV446S-502GW	222AV446S-502GW	C	Cool White	5700	3352	50°	65%	26.8	2800	76.48	73.63
Artavi Series											
953-ARBW9S-100	ARBW9S-100	E	Warm White	3000	115	10°	90%	3.6	1500	13.50	12.75
953-ARDW9S-100	ARDW9S-100	E	Neutral White	4000	131	10°	90%	3.6	1500	13.50	12.75
953-ARGW9S-100	ARGW9S-100	E	Cool White	5700	163	10°	90%	3.6	1500	13.50	12.75

ARCHITECTURAL ILLUMINATION

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Illumitex Part No.	Fig.	Color	Wavelength, Dominant	Lumens	Beam Angle	*Digital Distribution	Forward Volt. Max. (V)	Forward Current Max. (mA)	Price Each	
										1	10
Aduro-C AD44 Series											
953-AD446S-50062	AD446S-50062	B	Red	624nm	200	50°	65%	10	750	13.50	12.75
953-AD446S-50052	AD446S-50052	B	Green	525nm	340	50°	65%	14.2	600	13.50	12.75
953-AD446S-50045	AD446S-50045	B	Blue	470nm	72	50°	65%	14.2	600	13.50	12.75
Abeo Series- RGB, BGBW											
953-FX446S-504FS-C0	FX446S-504FS-C0	D	Red Green Blue Cool White	624nm 525nm 470nm 5700K	50 85 18 122	50° 50° 50° 55°	65% 65% 65% 65%	12.1 6 14.4 14.4	150 150 150 150	19.80	18.70
953-FX446S-504FS-B0	FX446S-504FS-B0	D	Red Green Green Blue	624nm 525nm 525nm 450nm	50 85 85 18	50° 50° 50° 50°	65% 65% 65% 65%	12 16 16 14.4	150 150 150 150	19.80	18.70
Aduro-C ALM 2x2 Series											
953-222AD446S-50262	222AD446S-50262	C	Red	624nm	800	50°	65%	24	1200	61.05	59.20
953-222AD446S-50252	222AD446S-50252	C	Green	525nm	1360	50°	65%	32	1200	61.05	59.20
953-222AD446S-50245	222AD446S-50245	C	Blue	470nm	288	50°	65%	26.8	1200	61.05	59.20
953-221AD446S-501A1	221AD446S-501A1	C	Red Green Blue White	624nm 525nm 470nm 5700K	200 325 80 480	50° 50° 50° 50°	65% 65% 65% 65%	10 14.4 13.2 13.2	600 500 500 500	76.48	73.63
Artavi Series											
953-AR629S-100	AR629S-100	E	Red	624nm	60	10°	90%	3.6	700	11.70	11.05
953-AR529S-100	AR529S-100	E	Green	525nm	100	10°	90%	3.6	700	11.70	11.05
953-AR459S-100	AR459S-100	E	Blue	470nm	21	10°	90%	3.6	700	11.70	11.05

LED MOUNTING ACCESSORIES



MOUSER STOCK NO.	Illumitex Part No.	Description	Price Each	
			1	10
953-ADCNH-2P	ADCNH-2P	Wire Harness for AD Series, 2 Pin	1.08	.99
953-ADCNH-6P	ADCNH-6P	Wire Harness for FX Series, 6 Pin	1.26	1.15
953-ADCNH-8P	ADCNH-8P	Wire Harness for AD Series, 8 Pin	1.45	1.32

