LITUS 5.7

designplan

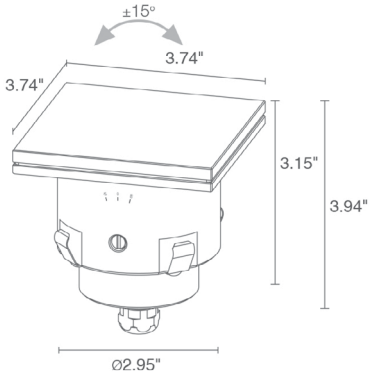
datasheet

The Litus 5 series features a sophisticated flush/trimless mount design. With a wide selection of optic options these fixtures are highly versatile for both general and more dynamic lighting. The square version can be used for downlight applications as well. **The Bright 3, Smoothy 5 and Litus 5 series all use the same LED.**

TECHNICAL DATA

Wattage / Input	3.5W, 5W, 7W (24VDC); 7W RGB (700mA)
Power Supply	Remote, not included. See page 2
Construction	Body: Aluminum Alloy EN AW 6082 Lens: Tempered, Serigraphed-gray, and Transparent Extra-clear Glass
CCT	2700K, 3000K, 4000K, RBG
CRI	CRI >80, CRI >90
Delivered Lumens	See chart - below right for static white RGB: 235 lm: (R) 92 lm, (G) 105 lm, (B) 38 lm
Efficacy	70.4 lm/W (34°, 5W), 56.8 lm/W (34°, 5W) 66.1 lm/W (34°, 7W), 53.4 lm/W (34°, 7W) 33.6 lm/W (RGB)
Optics	9 Standard (white), 4 Standard (RGB) *The diffused light is made by an opal acrylic under the glass - no optic inside.*
Finishes	Glass
Fixture Dimensions	3.79” w x 3.79” h
Fixture Weight	1.54 lbs
LED Source	1 High Intensity Power LED; RGB: 3 Power LEDs
Lumen Maintenance	L90,B10>50,000hrs (Ta 25°C)
Color Consistency	3-Step MacAdam (white LED color)
Operating Temp.	-4°F to +113°F
IP Rating	IP67
IK Rating	IK08
Driveover	2205 lbs

Fixture Dimensions



Delivered Lumens (3000K)	**5W 34°**	**7W 34°**
CRI 80	352 lm	463 lm
CRI 90	284 lm	374 lm

ORDERING INFORMATION

Example: LT57010FLNV or LT57010FLNV-2. Accessories / Power Supplies ordered separately.

					NV	
Model #	**Wattage**	**CRI**	**CCT**	**Optics** - tiltable ±15°	**Finish**	**Cable Length**
LT570	**0** - 3.5W only 5° optics **1** - 5W **2** - 7W	**0** - 80 CRI **1** - 90 CRI	**F** - 2700K **5** - 3000K **9** - 4000K	**U** - 5° only 3.5W **M** - 34° **V** - 8° **L** - 45° **T** - 11° **Q** - 61° sharp **S** - 17° **W** - 13°x52° **P** - 21° sharp	**NV** - Glass	**0** - 4.92’ standard **1** - 16.40’ **2** - 32.81’ **3** - 49.21’ **4** - 65.62’
Model #	**Wattage**	**CRI**	**CCT**	**Optics** - tiltable ±15°	**Finish**	
LT5732			**6** - RGB	**S** - 20° **L** - 45° **M** - 34° **W** - 21°x42°	**NV** - Glass	

Job Name/Date:

Fixture Type Designation:

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SUGGESTED POWER SUPPLIES

24VDC

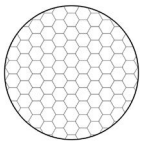
Part Number	Description	Input/Output	# of Fixtures 3.5W / 5W / 7W		
PPLT00056	Non-Dim	120-277VAC to 24VDC, 26W, Class 2, IP66	1-5	1-4	1-2
PPLT00157	Non-Dim	120VAC to 24VDC, 60W, Class 2	1-13	1-9	1-6
PPLT00599	ELV / TRIAC & 0-10V Dimming (100 to 0%)	120-277VAC to 24VDC, 96W, Class 2	1-21	1-15	1-10
PPLT00158	Non-Dim	120VAC to 24VDC, 100W, Class 2	1-22	1-16	1-11
PPLT00543	0-10V Dimming to 15% (-40°C / -40°F cold weather start)	120-277VAC to 24VDC, 100W, Class 2	3-22	2-16	2-11

700mA - RGB

Part Number	Description	Input/Output	# of Fixtures 7W
PPLT00244-P	DMX / RDM (Must advise DMX addresses if not using RDM)	120-277VAC to 700mA, 50W, Class 2	1-5
PPLT00129-P	DMX / RDM (Field Addressable)	120-277VAC to 700mA, 100W, Class 2	1-9

For other power supply options consult factory.

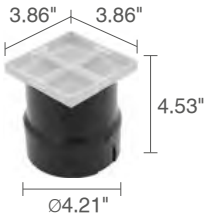
ACCESSORIES
Anti-Glare



WH0205
Honeycomb Louvre
Not available for sharp optics (P, Q) and on 5° (U) and 8° (V) optics on request.

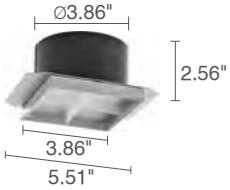
WE0605S
Anti-glare lens, half transparent and half serigraphed black
Can be fitted on all optics except for RGB version

ACCESSORIES
Installation



WC4051
Outer Casing
For ingrade use

WL0500
Suction cup
REQUIRED for installation



WC4551
Outer Casing
For plasterboard/ceiling use

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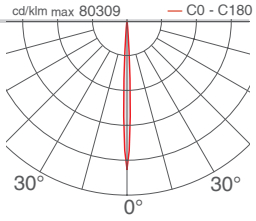
PHOTOMETRIC DATA

Note all Photometry is CRI 80, 3000K

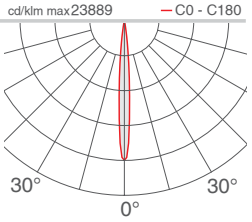
U - 5° CRI 80

H (ft)	Ø (ft)	fc max (3000K) 3,5W
3.28'	0.30'	1048.97
6.56'	0.59'	262.27
9.84'	0.89'	116.59
13.12'	1.18'	65.59
16.40'	1.48'	41.99



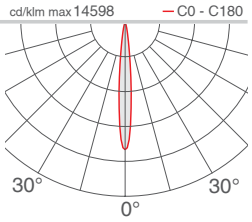
V - 8° CRI 80

H (ft)	Ø (ft)	fc max (3000K) 5W	7W
3.28'	0.49'	650.14	856.47
6.56'	0.98'	162.49	214.14
9.84'	1.48'	72.28	95.13
13.12'	1.97'	40.60	53.51
16.40'	2.46'	26.01	34.28



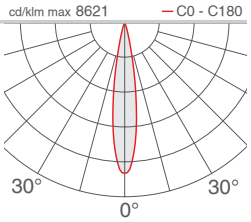
T - 11° CRI 80

H (ft)	Ø (ft)	fc max (3000K) 5W	7W
3.28'	2.03'	455.60	600.71
6.56'	4.10'	113.90	150.22
9.84'	6.14'	50.63	66.70
13.12'	8.17'	28.52	37.53
16.40'	10.24'	18.21	24.06



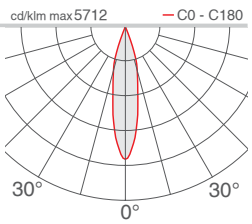
S - 17° CRI 80

H (ft)	Ø (ft)	fc max (3000K) 5W	7W
3.28'	3.22'	270.72	357.21
6.56'	6.46'	67.63	89.37
9.84'	9.81'	30.10	39.67
13.12'	13.02'	16.91	22.30
16.40'	16.24'	10.87	14.31



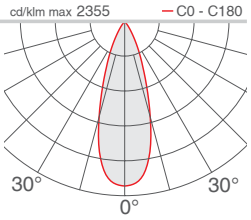
P - 21° sharp CRI 80

H (ft)	Ø (ft)	fc max (3000K) 5W	7W
3.28'	1.25'	130.06	171.41
6.56'	2.46'	32.52	42.83
9.84'	3.71'	14.49	19.05
13.12'	4.95'	8.08	10.68
16.40'	6.20'	5.20	6.87



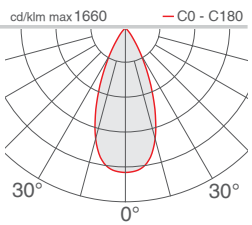
M - 34° CRI 80

H (ft)	Ø (ft)	fc max (3000K) 5W	7W
3.28'	2.00'	67.17	88.35
6.56'	4.04'	16.82	22.11
9.84'	6.04'	7.43	9.85
13.12'	8.04'	4.18	5.48
16.40'	10.04'	2.69	3.53



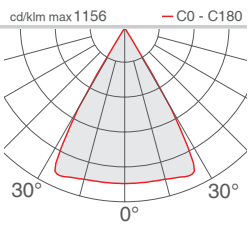
L - 45° CRI 80

H (ft)	Ø (ft)	fc max (3000K) 5W	7W
3.28'	2.69'	43.57	57.51
6.56'	5.35'	10.87	14.40
9.84'	8.10'	4.83	6.41
13.12'	10.73'	2.69	3.62
16.40'	13.39'	1.77	2.32



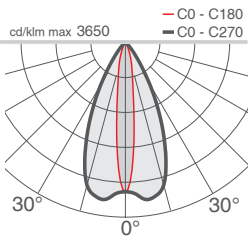
Q - 61° sharp CRI 80

H (ft)	Ø (ft)	fc max (3000K) 5W	7W
3.28'	3.87'	22.20	29.26
6.56'	7.74'	5.57	7.34
9.84'	11.65'	2.51	3.25
13.12'	15.52'	1.39	1.86
16.40'	19.39'	0.93	1.21



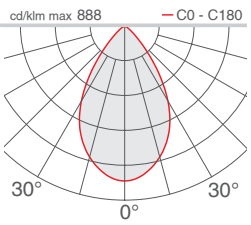
W - 13°x52° CRI 80

H (ft)	Ø (ft)	Ø (ft)	fc max (3000K) 5W	7W
3.28'	0.75'	0,98	104.33	137.31
6.56'	1.41'	1,96	26.11	34.37
9.84'	2.30'	2,93	11.61	15.24
13.12'	3.05'	3,91	6.50	8.55
16.40'	3.84'	4,89	4.18	5.48



D - Diffuse CRI 80 (Litus 2.4 / 2.5)

H (ft)	Ø (ft)	fc max (3000K) 5W	7W
3.28'	4.17'	16.91	22.39
6.56'	8.33'	4.27	5.57
9.84'	12.50'	1.86	2.51
13.12'	16.67'	1.02	1.39
16.40'	20.80'	0.65	0.93



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