

ArchiThin SMTR SMTS

LED Surface Mount Downlights

Specifications/Features

Luminaire

Slim architectural design with optical diffusion lens providing even illumination.
Edge-lit LED configuration for low glare light pattern.
Available in 5" or 7" Round and 6" Square; 4" Square available upon request.
Standard finish options include White and Silver. Black finish available upon request, please consult factory.
Mounts to NEC approved 4" round or octagon junction box with minimum depth of 1-1/2".

Lamp/Electrical

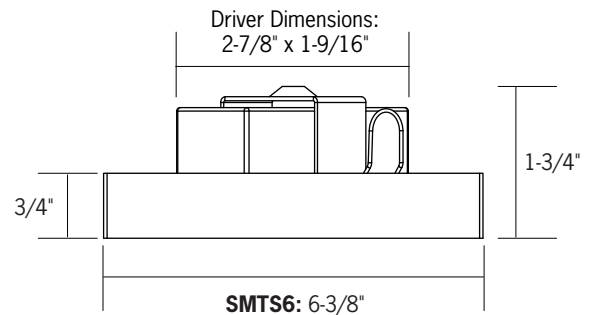
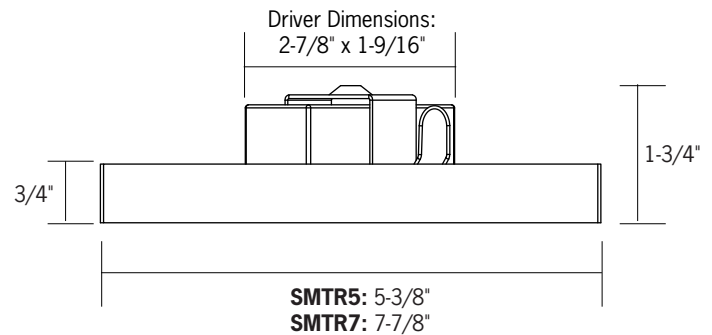
5" Round: 11W, 770 Delivered Lumens
7" Round: 14W, 1000 Delivered Lumens
6" Square: 14W, 1000 Delivered Lumens
Standard color temperature options include 3000K (80 and 90 CRI) and 4000K 80 CRI. Additional color temperature options are available upon request, please consult factory.
Designed and rated for 50,000 hours at 70% lumen maintenance.
Integrated driver with 120VAC input, TRIAC/ELV dimming.
120-277VAC with 0-10V dimming option available upon request, please consult factory.

Warranty

This complete fixture is covered by ConTech's full five (5) year replacement guarantee after date of purchase.

Listing

cETLus listed. Suitable for wet locations (covered ceiling).
Energy Star Listed.
Suitable for use in closets when installed in accordance with NFPA® 70, NEC® Section 410.16.



Ordering Information

Example Order: -

Fixture	Color Temperature	Driver	Finish
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
SMTR5 - 5" Round LED SMTR7 - 7" Round LED SMTS6 - 6" Square LED	30K - 3000K, 80CRI 30KC - 3000K, 90CRI 40K - 4000K, 80CRI	12D1 - 120V Triac	S - Silver/Aluminum W - White

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Photometrics

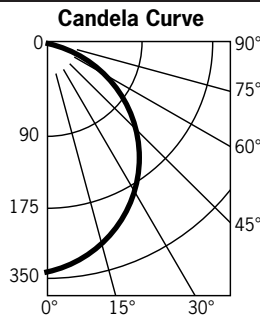
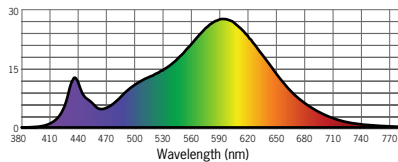
Lumen output values fluctuate based on CCT and CRI. To estimate lumen output of the various CCT/CRI options, multiply 3000K (80 CRI min) results by the following:

CCT	Standard CRI	High CRI
3000K	N/A	.846
4000K	1.0	N/A

SMTR530K12D1-S

Designed for 50,000 Hour Lamp Life¹; LM-63 Test No. G17011101

Light Output (Fixture Delivered Lumens): 864
 Total Watts@120V: 11.2; Lumens Per Watt: 77.1
 Center Beam Candle Power: 322
 Color Rendering Index (CRI)²: 80
 Color Temperature (CCT)³: 2905K
 Spectral Power Distribution Chart⁴



FROM 0	CANDELA	LUMENS
0	322	
5	321	33
15	309	88
25	286	132
35	250	157
45	205	159
55	155	139
65	101	100
75	49	52
85	7	4
95	0	

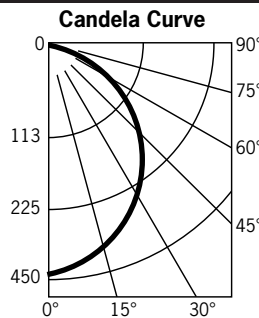
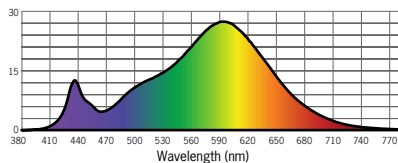
Intensity Distribution		
DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
4'	20.1	10.9
6'	9.0	16.4
8'	5.0	21.9
10'	3.2	27.3
12'	2.2	32.8
14'	1.6	38.3

Beam Distribution: 108°
 Spacing Criterion: 1.35

SMTR730K12D1-W

Designed for 50,000 Hour Lamp Life¹; LM-63 Test No. G17011803

Light Output (Fixture Delivered Lumens): 1179
 Total Watts@120V: 13.9; Lumens Per Watt: 84.8
 Center Beam Candle Power: 416
 Color Rendering Index (CRI)²: 80
 Color Temperature (CCT)³: 2905K
 Spectral Power Distribution Chart⁴



FROM 0	CANDELA	LUMENS
0	416	
5	415	42
15	402	114
25	376	174
35	335	210
45	279	216
55	214	192
65	143	142
75	73	78
85	15	8
95	0	

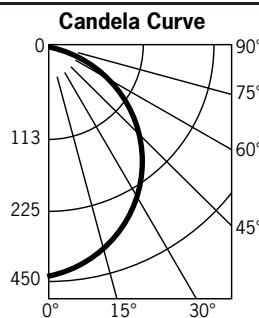
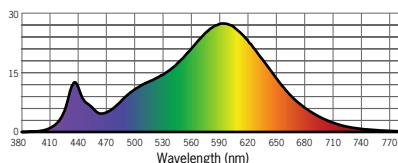
Intensity Distribution		
DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
4'	26.0	11.8
6'	11.6	17.7
8'	6.5	23.5
10'	4.2	29.4
12'	2.9	35.3
14'	2.1	41.2

Beam Distribution: 160°
 Spacing Criterion: 1.38

SMTS630K12D1-W

Designed for 50,000 Hour Lamp Life¹; LM-63 Test No. G17011802

Light Output (Fixture Delivered Lumens): 1150
 Total Watts@120V: 13.7; Lumens Per Watt: 84.6
 Center Beam Candle Power: 403
 Color Rendering Index (CRI)²: 80
 Color Temperature (CCT)³: 2905K
 Spectral Power Distribution Chart⁴



FROM 0	CANDELA	LUMENS
0	403	
5	402	41
15	390	111
25	366	169
35	327	205
45	273	212
55	210	188
65	140	139
75	72	76
85	15	8
95	0	

Intensity Distribution		
DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
4'	25.2	12.0
6'	11.2	17.9
8'	6.3	23.9
10'	4.0	29.9
12'	2.8	35.8
14'	2.1	41.8

Beam Distribution: 112°
 Spacing Criterion: 1.28

1. Dependent on surrounding temperatures
 2. Accuracy of rendering colors
 3. Color appearance of light source
 4. Colors present within the light source