



Indoor Lighting

# Downlight Family



The GenLED LED 6” recessed downlight solution for existing construction is an energy efficient alternative to halogen and incandescent downlights, up to 6 times more efficient.

The 12 watt, LED specific rated housing provides for flexibility in design and energy calculations and is designed to meet or exceed the highest energy standards in the industry including California Title 24.

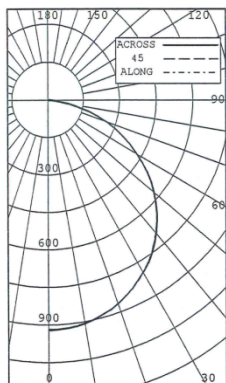
LEDs have superior light quality and do not emit heat like traditional light sources making this solution ideal for general office lighting, showroom and lobbies.



<b>Category</b>	Indoor Lighting
<b>Sub Category</b>	Downlight
<b>Item Category</b>	6” Recessed
<b>Product Identification</b>	6” Downlight - Existing Construction
<b>Description</b>	6” Recessed LED Downlight - Existing Construction
<b>Availability Date</b>	Available

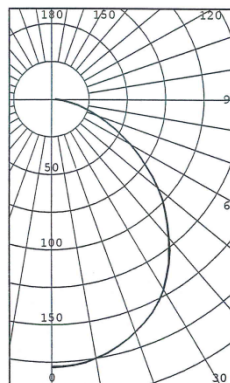
<b>Luminous Flux</b>	444 lm (Soft white) 553 lm (True white)
<b>Beam Angle</b>	120 °
<b>Color(s)</b>	Soft White True White
<b>Corrected Color Temperature</b>	3000K (Soft White) 5500K (True White)
<b>Color Rendering Index CRI</b>	75
<b>Wattage</b>	12W
<b>Operating Voltage</b>	24VDC
<b>Line Voltage</b>	90-230VAC
<b>Dimmability</b>	Dimmable option available
<b>Lens Type</b>	Polycarbonate diffuser
<b>Trim Type</b>	White trim with white baffle (other trim available)
<b>Exterior Material</b>	Metal
<b>Exterior Color</b>	Metal
<b>Operating Temperature</b>	-40 to +60 C
<b>Storage Temperature</b>	-40 to +80 C
<b>Environmental Ratings</b>	Indoor operation, Airtight
<b>Certifications</b>	RoHS, CE, UL pending
<b>Rated Lifetime</b>	50,000 hours
<b>Warranty</b>	3 years

True White



ZONAL LUMENS AND PERCENTAGES			
Zone	Lumens	% Lamp	% Luminaire
0-30	163	29.55	29.55
0-40	262	47.43	47.43
0-60	443	80.11	80.11
0-90	553	100.00	100.00
40-90	290	52.57	52.57
60-90	110	19.89	19.89
90-180	0	0.00	0.00
0-180	553	100.00	100.00

Soft White



ZONAL LUMENS AND PERCENTAGES			
Zone	Lumens	% Lamp	% Luminaire
0-30	136	30.57	30.57
0-40	220	49.18	49.19
0-60	368	82.40	82.41
0-90	447	100.00	100.00
40-90	227	50.81	50.81
60-90	78	17.59	17.59
90-180	0	0.00	0.00
0-180	447	100.00	100.00