



Premium Fixed LED Downlights




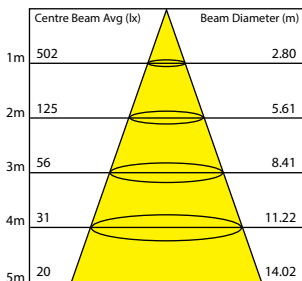
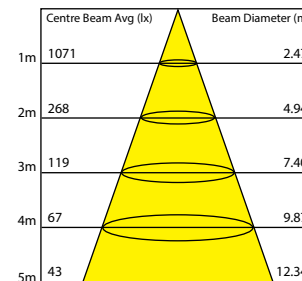
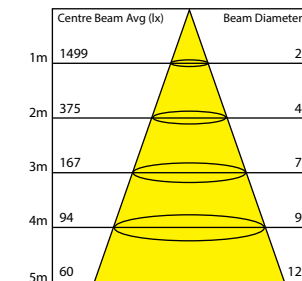
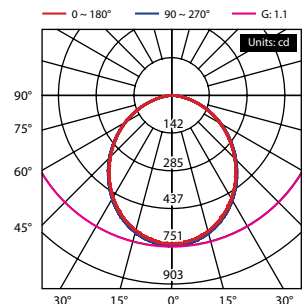
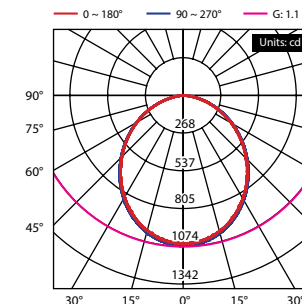
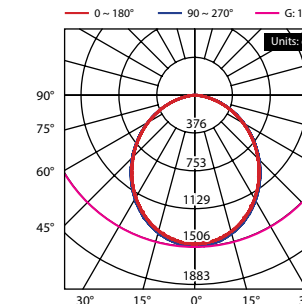
Dimmable models available in 20W, 36W and 48W, in two colour temperatures

Choose the ENSA™ premium range of fixed LED downlights for the best in light output, service life, colour rendering accuracy and more. Available in cool and warm white colour temperatures, these downlights utilise high quality Samsung LEDs to provide a minimum of 92lm/W luminous efficacy and up to 50,000 hours rated LED lifespan.

With a 100° beam angle and circular light distribution, these lights are designed to provide evenly distributed, high quality light perfect for general purpose illumination in store fit-outs, galleries, residential and office environments and more.

- 100lm/W high efficiency, low energy use LED downlights.
- 6" and 8" total diameter, suitable for retrofit installations.
- Excellent colour rendering, lifepsan and light output.
- Minimalist, bevelled white gimble downlight surround.
- Each downlight model features TRIAC dimming.
- Hole cut size: Ø165mm (20W, 36W) and Ø205mm (48W).

Series Specifications

Model	LED2419-20	LED2419-36	LED2419-48																																				
Product Image																																							
Series Name	Premium Fixed Dimmable Series LED Downlights																																						
Optical																																							
Luminous Flux	1835lm	3370lm	4600lm																																				
Luminous Efficacy	92lm/W	94lm/W	96lm/W																																				
Colour Temperature	3000K / 5500K																																						
Colour Rendering Index	> 80																																						
Beam Angle	100°																																						
Light Decay	30% at 25,000 hours																																						
Rated Lifespan	>50,000 hours																																						
Electrical																																							
Power Consumption	20W	36W	48W																																				
Input Voltage	100 ~ 240VAC																																						
Power Factor	> 0.9																																						
Dimmable	Yes (TRIAC)																																						
General																																							
Plug / Socket / Base	3-pin AC plug with external driver																																						
Reflector / Diffuser	Frosted diffuser																																						
Housing Adjustments	N/A																																						
Operating Environment	-20 ~ +40°C																																						
Dimensions	Ø195x 56mm		Ø245 x 54mm																																				
Hole Cut Size	Ø165mm		Ø205mm																																				
Equivalent Wattage	120W halogen	200W halogen	250W halogen																																				
Photometry																																							
Illuminance at a Distance	 <table border="1"> <thead> <tr> <th>Centre Beam Avg (lx)</th> <th>Beam Diameter (m)</th> </tr> </thead> <tbody> <tr><td>502</td><td>2.80</td></tr> <tr><td>125</td><td>5.61</td></tr> <tr><td>56</td><td>8.41</td></tr> <tr><td>31</td><td>11.22</td></tr> <tr><td>20</td><td>14.02</td></tr> </tbody> </table>	Centre Beam Avg (lx)	Beam Diameter (m)	502	2.80	125	5.61	56	8.41	31	11.22	20	14.02	 <table border="1"> <thead> <tr> <th>Centre Beam Avg (lx)</th> <th>Beam Diameter (m)</th> </tr> </thead> <tbody> <tr><td>1071</td><td>2.47</td></tr> <tr><td>268</td><td>4.94</td></tr> <tr><td>119</td><td>7.40</td></tr> <tr><td>67</td><td>9.87</td></tr> <tr><td>43</td><td>12.34</td></tr> </tbody> </table>	Centre Beam Avg (lx)	Beam Diameter (m)	1071	2.47	268	4.94	119	7.40	67	9.87	43	12.34	 <table border="1"> <thead> <tr> <th>Centre Beam Avg (lx)</th> <th>Beam Diameter (m)</th> </tr> </thead> <tbody> <tr><td>1499</td><td>2.49</td></tr> <tr><td>375</td><td>4.97</td></tr> <tr><td>167</td><td>7.46</td></tr> <tr><td>94</td><td>9.96</td></tr> <tr><td>60</td><td>12.45</td></tr> </tbody> </table>	Centre Beam Avg (lx)	Beam Diameter (m)	1499	2.49	375	4.97	167	7.46	94	9.96	60	12.45
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Luminous Light Distribution	 <p>Units: cd</p>	 <p>Units: cd</p>	 <p>Units: cd</p>																																				
	<p>— 0 ~ 180° — 90 ~ 270° — G: 1.1</p>																																						
	<p>30° 15° 0° 15° 30°</p>																																						

Ordering Information

Type	Wattage	Colour Temperature	Other Features
LEDDL	20W (20W)	3K (Warm white)	6 / 8 (Ø inches)
	36W (38W)	5K (Cool white)	R (Round)
	48W (48W)		D (Dimmable)
LEDDL48W5K8RD: 48W Round Fixed Dimmable Downlight in Cool White			