

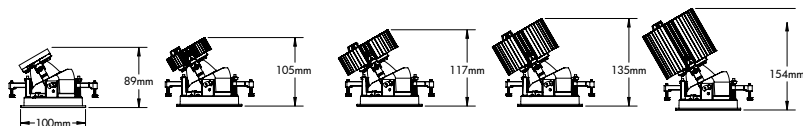
90 SERIES

MINI WASHER SQUARE

- lumentalk
- Adjustable recessed low glare downlight
- Die-cast construction
- AlphaLED Fast Fix mechanism
- Black glare control and baffle
- Supplied with pre-wired remote non-dimming driver



500lm CRI 80+ 700/1000/1300lm CRI 80+ 2000lm CRI 80+ 3000lm CRI 80+ 4000lm CRI 80+
 500lm CRI 98 700/1000/1300lm CRI 98 2000lm CRI 98 3000lm CRI 98



Bezel Size: 100mm Cut Out: Ø92mm
 Ceiling Thickness: 1mm - 25mm
 (For narrow beam option: add 50mm to the height)



Accessories

To order, use the following suffix

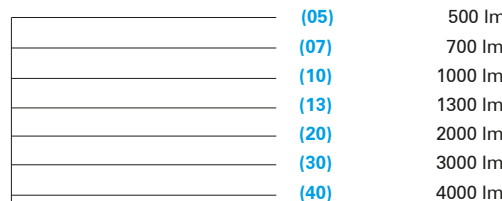


- /HL w/c Honeycomb louvre
- /SL w/c Softening Lens
- /RG w/c Ribbed Spreading Glass
- /CG w/c Clear Glass

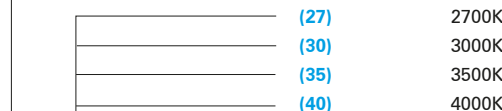
PRODUCT CODE

Please refer to following page for product exceptions

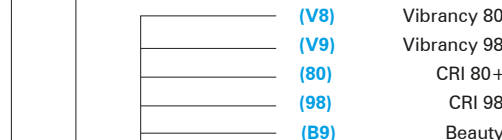
Lumen Output:



Colour Temps:



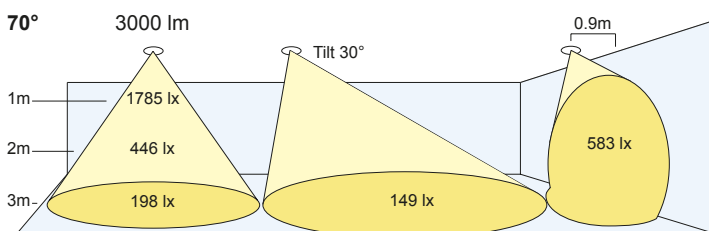
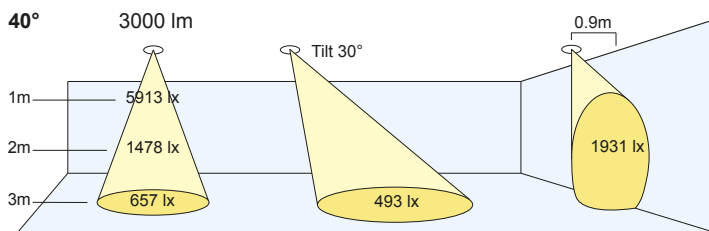
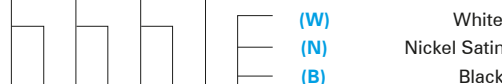
Colour Rendering:



Beam Angles:



Colour:



M2 _____ / ** / **

- Options:**
- Dimming:**
 - /DT Trailing Edge
 - /DL Leading Edge
 - /DD DALI
 - /DA Analogue (1-10V)
 - /LT Lumentalk
 - /M3 3Hrs Maintained
 - /ST Self Test
 - /DE DALI Emergency

For full list of options see page 2.

Availability

LED Modules
 CRI80 / Vibrancy 80: Standard delivery.
 CRI98 / Vibrancy 98 / Beauty: Extended delivery times may apply, please contact sales.
 Future Xicato LED modules: Available via special order. Extended delivery times may apply, please contact sales.

Colour
 White: Standard delivery.
 Nickel Satin: Extended delivery times may apply, please contact sales.
 Black: Extended delivery times may apply, please contact sales.

Product Options

90 SERIES MINI WASHER SQUARE

	CRI 80						CRI 98						VIB 80						VIB 98						BEAUTY					
Beam Angle	500lm	700lm	1000lm	1300lm	2000lm	3000lm	500lm	700lm	1000lm	1300lm	2000lm	3000lm	500lm	700lm	1000lm	1300lm	2000lm	3000lm	500lm	700lm	1000lm	1300lm	2000lm	3000lm	500lm	700lm	1000lm	1300lm	2000lm	3000lm
Spot: 10°	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Narrow: 20°	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Medium: 40°	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Wide: 70°	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Colour Temps																														
2200°K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2700°K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓
3000°K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-
3500°K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4000°K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Body Colour																														
White	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Black	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Satin Nickel	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Grey	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimming Options																														
Standard	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
/DT Trailing Edge	-	✓	✓	✓	✓	✓	●	✓	✓	✓	✓	✓	-	✓	✓	✓	✓	✓	●	✓	✓	✓	✓	✓	-	✓	✓	✓	✓	✓
/DL Leading Edge	-	✓	✓	✓	✓	✓	●	✓	✓	✓	✓	✓	-	✓	✓	✓	✓	✓	●	✓	✓	✓	✓	✓	-	✓	✓	✓	✓	✓
/DD DALI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
/DA Analogue (1-10V)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
/DS DSI	-	-	●	●	✓	✓	-	-	○	-	✓	-	-	●	●	✓	✓	-	-	○	-	✓	✓	-	-	○	-	✓	✓	
/SD Switch Dim	-	-	●	●	✓	✓	-	-	○	-	✓	-	-	●	●	✓	✓	-	-	○	-	✓	✓	-	-	○	-	✓	✓	
/DX DMX	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
/AP Analogue Pro	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
/DP DALI Pro	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
/UV Universal Voltage	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
/RD Rotary Dimming	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Emergency Options																														
/M3 3Hrs Maintained	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
/ST Self Test	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
/DE DALI Emergency	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Accessories																														
/P Custom Colour	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
/AB Astral Bezel	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
/AW White Front Ring	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
/BD Barn Doors	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
/BF Baffle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
/CG Clear Glass	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
/CG w/c Clear Glass (With Clip)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
/GR Glass Ring	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
/HL Honeycomb Louvre	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
/HL w/c Honeycomb Louvre (With Clip)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
/RG Ribbed Spreading Glass	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
/RG w/c Ribbed Spreading Glass (With Clip)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
/SL Softening Lens	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
/S w/c Softening Lens (With Clip)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
/SN Snoot	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
/WB White Inner Body With Gyro Rings	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Regional Driver Spec																														
/BIS	Regional driver spec for India, beam angles will vary. Please contact sales team for more information.																													

Key

- ✓ Option Available
- Only available with spot/narrow optics
- Only available with medium/wide optics
- Option not available