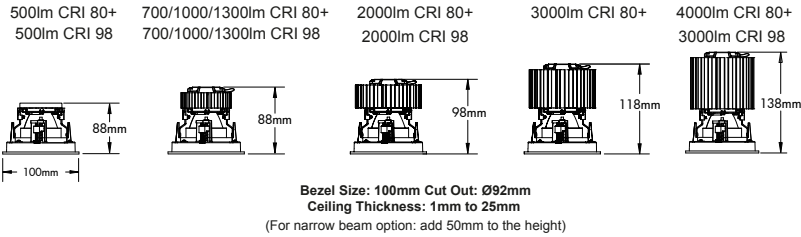


90 SERIES

PIN HOLE SQUARE

- lumen talk
- Recessed square low glare downlight
- Die-cast construction
- AlphaLED Fast Fix mechanism
- Black glare control baffle
- Supplied with pre-wired remote non-dimming driver



Accessories

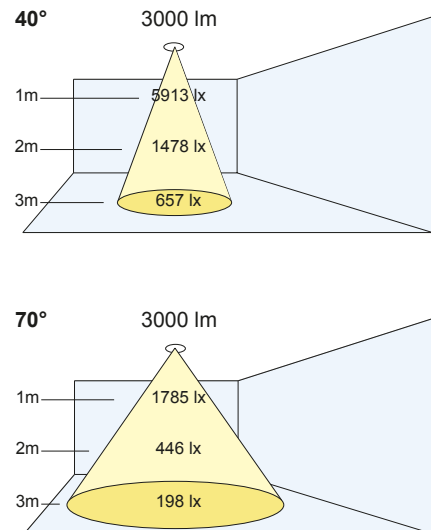
To order, use the following suffix



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

PRODUCT CODE

Please refer to following page for product exceptions



Lumen Output:

- (05) 500 lm
- (07) 700 lm
- (10) 1000 lm
- (13) 1300 lm
- (20) 2000 lm
- (30) 3000 lm
- (40) 4000 lm

Colour Temps:

- (27) 2700K
- (30) 3000K
- (35) 3500K
- (40) 4000K

Colour Rendering:

- (V8) Vibrancy 80
- (V9) Vibrancy 98
- (80) CRI 80+
- (98) CRI 98
- (B9) Beauty

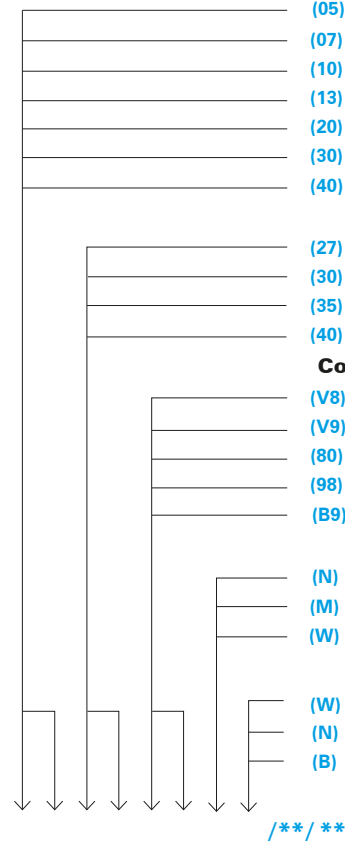
Beam Angles:

- (N) Narrow: 20°
- (M) Medium: 40°
- (W) Wide: 70°

Colour:

- (W) White
- (N) Nickel Satin
- (B) Black

P2



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 PIN HOLE 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