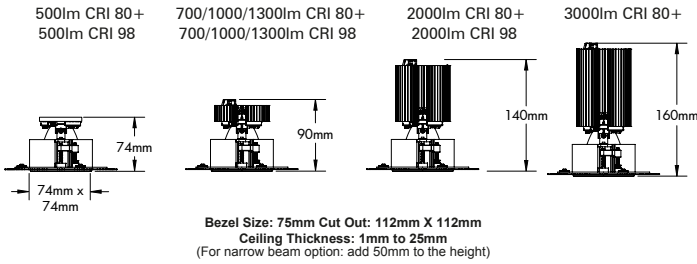


90 SERIES

SQUARE 90

- **lumen**talk
- Trimless recessed downlight with deep set reflector
- Die-cast construction
- Glare control secondary reflector
- Supplied with pre-wired remote non-dimming driver
- AlphaLED Fast Fix mechanism
- Supplied with skim bead

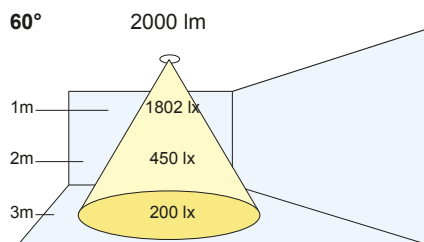
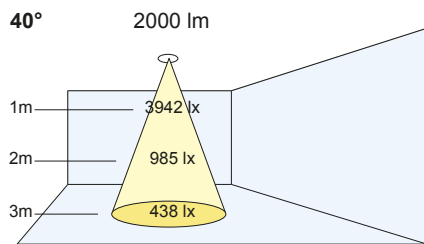


Accessories

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

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: 60°

Colour:

- (X) None

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

TS _____ /**/ **

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.

Product Options

90 SERIES SQUARE 90

| | CRI 80 | | | | | CRI 98 | | | | | VIB 80 | | | | | VIB 98 | | | | | BEAUTY | | | | |
|--|--|-------|--------|--------|--------|--------|-------|--------|--------|--------|--------|-------|--------|--------|--------|--------|-------|--------|--------|--------|--------|-------|--------|--------|--------|
| Beam Angle | 500lm | 700lm | 1000lm | 1300lm | 2000lm | 500lm | 700lm | 1000lm | 1300lm | 2000lm | 500lm | 700lm | 1000lm | 1300lm | 2000lm | 500lm | 700lm | 1000lm | 1300lm | 2000lm | 500lm | 700lm | 1000lm | 1300lm | 2000lm |
| Beam Angle | | | | | | | | | | | | | | | | | | | | | | | | | |
| Spot: 10° | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Narrow: 20° | ✓ | ✓ | ✓ | ✓ | - | ✓ | ✓ | ✓ | ✓ | - | ✓ | ✓ | ✓ | ✓ | - | ✓ | ✓ | ✓ | ✓ | - | - | - | - | - | - |
| Medium: 40° | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Wide: 60° | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 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