

BUTTON

CABINET & SHELF LIGHT SERIES

A series of small sized luminaires designated to illuminate objects on cabinets or shelves. Button series luminaires are available in both fixed and adjustable versions for added versatility.

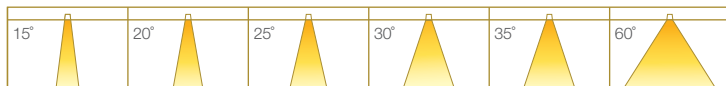


Module Colour Temperature Variation



ProART

Beam Angle



Driver Dimming Variation



(ND)



(PH)



(AN)



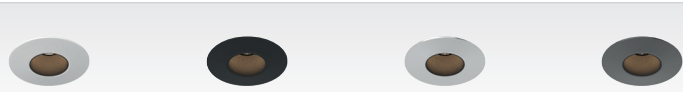






(DA)

BUTTON FIX

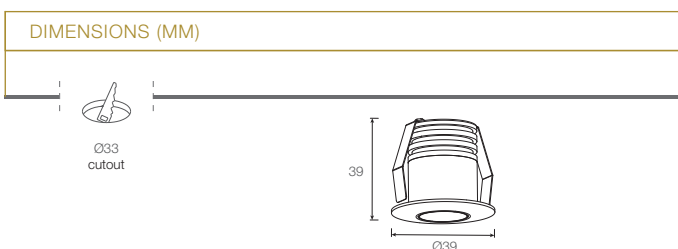
2W / 1W CABINET RECESSED MOUNTED LUMINAIRE



AVAILABLE OPTIONS

| | | | | | |
|----------------------------------|--|---|---|--|--|
| FIXTURE COLOUR OPTIONS | Trim Colour Options | MATT WHITE RAL9003 | MATT BLACK RAL9011 | CHROME | CHROME BLACK |
| |  | | | | |
| LED MODULE | SINGLE CCT |  2700K |  3000K |  ProART |  ProART98 |
| |  | | | | |
| DRIVER DIMMING |  | | | | |
| | (ND) | (PH) | (AN) | (DA) | |

DIMENSIONS (MM)



SPECIFICATIONS

| | |
|---------------------------|--|
| Family Type | Button Series |
| Mains Voltage | 220-240V, 50Hz |
| Typical Operating Voltage | 3V |
| Typical Operating Current | 700mA (2W), 350mA (1W) |
| Lifetime | 50,000 hours (80% lumen maintenance at Ta = 25°C), B10 |
| Beam Angles | 15°, 20°, 25°, 30° |
| Colour Temperatures | 2700K, 3000K |
| CRI | ProART (CRI~95) |
| SDCM | 3 steps MacAdam ellipse binning |

| | |
|---------------------|---|
| Driver (Dimming) | Non-dim, phase (leading & trailing edge), 0-10V, DALI |
| Mains Connection | Screw terminals for convenient connection |
| Materials | Aluminium, plastic |
| Fire Safety | Glow wire test 850°C, UL94V-0, VW-1 |
| Flammability Mark | F |
| Ingress Protection | IP40 |
| Safety Class | Class 2 |
| Standards | IEC 60598-1, IEC 61347-2-13 |
| Regulatory Markings | CE, CCC, RoHS |

PHOTOMETRICS

BUTTON FIX

| Beam Angle | Height (m) | E(0°) | E _{max} (lx) | | | | BUTTON FIX 2W, 1W | | | Luminous Flux (lm) |
|------------|------------|-------|-----------------------|------|------|--|-------------------|---------------|-----|--------------------|
| | | | 15° | 20° | 25° | 30° | LED Power | System Power | CRI | 3000K |
| | | | Cone Ø (m) | 0.27 | 0.36 | 0.45 | | | | 0.52 |
| 15° | 1 | 1023 | 738 | 694 | 439 | 2W | 3W | ProART CRI-95 | 149 | |
| 20° | 2 | 256 | 185 | 174 | 110 | 1W | 1.4W | ProART CRI-95 | 86 | |
| 25° | 3 | 114 | 82 | 77 | 49 | <small>Data are based on 3000K (ProART CRI-95). Nominal data of 2700K and 3500K are shared with 3000K. Higher CCT of 4000K and 5000K will have a nominal data value of 5% higher than published. (f = 1.05) Nominal CRI-85, equals to Ra>80-87, R9>0</small> | | | | |
| 30° | 4 | 64 | 46 | 43 | 27 | | | | | |
| 15° | 5 | 41 | 30 | 28 | 18 | | | | | |
| 20° | 5 | 1.37 | 1.78 | 2.27 | 2.62 | | | | | |
| 25° | 5 | 1.10 | 1.43 | 1.82 | 2.10 | | | | | |

Correction Factor: BUTTON 1W - f = 0.58

ORDERING MATRIX CHART

| Type | Fixture | | Colour | | LED Power | | Beam Angle | | LED Module | | Driver | | | |
|--------|---------|-----|--------|--------------|-----------|----|------------|-----|-------------|-------|---------|--------|----|---------|
| | Angle | | | | | | | | Colour Temp | CRI | Dimming | | | |
| BUTTON | FX | Fix | WH | Matt White | 2 | 2W | 15 | 15° | 27 | 2700K | PA | ProART | ND | Non-Dim |
| | | | MB | Matt Black | 1 | 1W | 20 | 20° | 30 | 3000K | | | PH | Phase |
| | | | CR | Chrome | | | 25 | 25° | | | | | AN | 1-10V |
| | | | CB | Chrome Black | | | 30 | 30° | | | | | DA | DALI |

example: BUTTON.FX.WH.1.15.27.PA.ND