

TUBE

SINGLE POINT SERIES

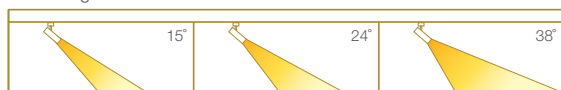
A series of ceiling mounted adjustable luminaires with a slim and simplistic design. The Tube single point series comes in 2 power and size variants that are ideal for illuminating designated areas and objects in all kinds of spaces.



Module Colour Temperature Variation



Beam Angle



Driver Dimming Variation



TUBE RECESSED SINGLE POINT

18W / 12W RECESSED SINGLE POINT MOUNTED
LUMINAIRE



AVAILABLE OPTIONS

FIXTURE COLOUR OPTIONS

MATT WHITE RAL9003

MATT BLACK RAL9011



ACCESSORIES



Honeycomb
Anti-Glare
Louvre



Soft Lens

LED MODULE

SINGLE CCT



2700K 3000K 4000K ProART



DRIVER DIMMING



(ND)



(PH)



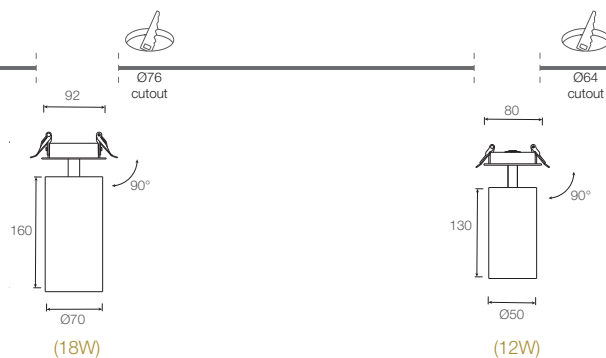
(AN)



(DA)

**All driver options are external.*

DIMENSIONS (MM)



SPECIFICATIONS

| | |
|---------------------------|--|
| Family Type | Tube Series |
| Mains Voltage | 220-240V, 50Hz |
| Typical Operating Voltage | 36V (18W), 31V (12W) |
| Typical Operating Current | 500mA (18W), 400mA (12W) |
| Lifetime | 50,000 hours (80% lumen maintenance at Ta = 25°C), B10 |
| Beam Angles | 15°, 24°, 38° |
| Colour Temperatures | 2700K, 3000K, 4000K |
| CRI | ProART (CRI~95) |
| SDCM | 3 steps MacAdam ellipse binning |

| | |
|---------------------|---|
| Driver (Dimming) | Non-dim, phase (leading & trailing edge), 0-10V, DALI |
| Mains Connection | Push-pin or 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

TUBE 18W

| | | | | | | | | | |
|--|------------|------------|-----------|------|------|-----------|--------------|---------------|--------------------|
| | Height (m) | | Emax (lx) | | | TUBE 18W | | | Luminous Flux (lm) |
| | | | 15° | 24° | 38° | LED Power | System Power | CRI | 3000K |
| | 1 | E(0°) | 14479 | 7264 | 3724 | 18W | 20W | ProART CRI~95 | 15°, 24°, 38° |
| | | Cone Ø (m) | 0.27 | 0.43 | 0.67 | | | | 1540 |
| | 2 | E(0°) | 3620 | 1816 | 931 | | | | |
| | | Cone Ø (m) | 0.55 | 0.86 | 1.35 | | | | |
| | 3 | E(0°) | 1609 | 807 | 414 | | | | |
| | | Cone Ø (m) | 0.82 | 1.29 | 2.02 | | | | |
| | 4 | E(0°) | 905 | 454 | 233 | | | | |
| | | Cone Ø (m) | 1.10 | 1.72 | 2.69 | | | | |
| | 5 | E(0°) | 579 | 291 | 149 | | | | |
| | | Cone Ø (m) | 1.37 | 2.14 | 3.37 | | | | |

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~95, equals to Ra>90-97, R9>50

TUBE 12W

| | | | | | | | | | |
|--|------------|------------|-----------|------|------|-----------|--------------|---------------|--------------------|
| | Height (m) | | Emax (lx) | | | TUBE 12W | | | Luminous Flux (lm) |
| | | | 15° | 24° | 38° | LED Power | System Power | CRI | 3000K |
| | 1 | E(0°) | 10074 | 5422 | 2217 | 12W | 15W | ProART CRI~95 | 15°, 24°, 38° |
| | | Cone Ø (m) | 0.26 | 0.42 | 0.70 | | | | 970 |
| | 2 | E(0°) | 2519 | 1356 | 554 | | | | |
| | | Cone Ø (m) | 0.52 | 0.84 | 1.39 | | | | |
| | 3 | E(0°) | 1119 | 602 | 246 | | | | |
| | | Cone Ø (m) | 0.78 | 1.26 | 2.09 | | | | |
| | 4 | E(0°) | 630 | 339 | 139 | | | | |
| | | Cone Ø (m) | 1.04 | 1.69 | 2.79 | | | | |
| | 5 | E(0°) | 403 | 217 | 89 | | | | |
| | | Cone Ø (m) | 1.30 | 2.11 | 3.48 | | | | |

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~95, equals to Ra>90-97, R9>50

ORDERING MATRIX CHART

| Fixture | | | | LED Module | | | | | | | | Driver | | |
|----------|--------|------------|-------------|-------------------|-----------|-----|------------|-----|-------------|-------|-----|--------|---------|---------|
| Type | Colour | | Accessories | | LED Power | | Beam Angle | | Colour Temp | | CRI | | Dimming | |
| TUBE-SPM | WH | Matt White | N | None | 18 | 18W | 15 | 15° | 27 | 2700K | PA | ProART | ND | Non-Dim |
| | | | | | | | | | | | | | PH | Phase |
| | MB | Matt Black | AGL | Anti-Glare Louvre | 12 | 12W | 24 | 24° | 30 | 3000K | | | AN | 0-10V |
| | | | | | | | | | | | | | DA | DALI |
| | | | SL | Soft Lens | | | 38 | 38° | 40 | 4000K | | | | |

example: TUBE-SPM.WH.N.12.15.30.PA.ND