



Key Features

iRuta Smart Slim is an interactive, modular lighting column designed for connectivity in cities and communities.

The top luminaire installation meets the specific functional and architectural requirements of each urban context. An efficient tool for lighting open spaces, pedestrian areas and urban zones, integrating functions such as loudspeakers, CCTV, night vision, wireless internet, electric vehicle charging and visual guidance.

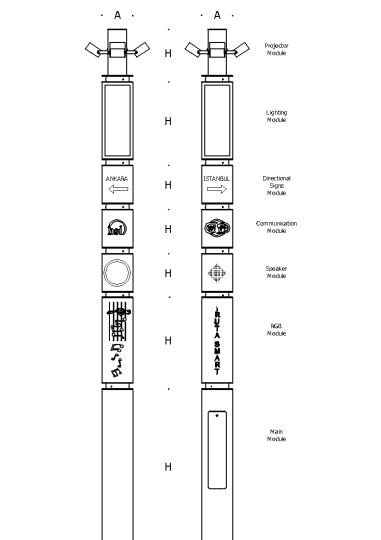
Architectural LED lighting column range inspires architects, designers and system integrators with its exceptional quality, a variety of beam angles and remarkable creativity.



Key Data

| | |
|------------------------------|--|
| LED Type | High efficiency LEDs, available in 2700K, 3000K, 4000K, 5000K, 6500K CCT tolerance within a 3-step MacAdams ellipse and LM80 compliant. |
| Nominal Voltage | 220V-240V AC, 50/60Hz |
| Color Rendering Index | CRI ≥ 80 standard and CRI ≥ 90 on request. |
| Light Distribution | 30° / 45° / 60° / 90° |
| Materials | Corrosion resistant double layer polyester powder coated paint finish die cast aluminium housing, aluminium extruded column (EN AW-6060) with stainless steel screws (A4 grade) and silicone gaskets. Power unit is built in. Available in anthracite gray as a standard finish or any desired RAL colour. |
| Optional Coating | Marine grade. |
| Diffuser | Shockproof PMMA UV Stabilised Diffuser. |
| LED Life Time | L90 - B10 > 100,000h |
| Operating Temperature | -40°C / +55°C |
| Power Factor | >0.95 |
| Control Systems | On-Off, 1-10V DIM, DALI Interface. |
| Protection Class | IP66 |
| Impact Resistance | IK10 |
| Insulation Class | Class I |
| Conformity | Complies with European Standards EN 60598 and CE certified. |

Technical Drawing



Information

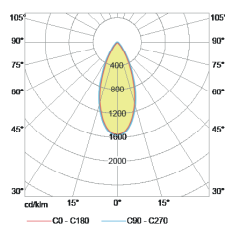
iRuta Smart Slim

| Codes | Module | A (mm) | H (mm) |
|--------|-------------------|--------|--------|
| MD2001 | Projektor | 200 | 340 |
| MD2002 | Lighting | 200 | 540 |
| MD2003 | Directional Signs | 200 | 285 |
| MD2004 | Communication | 200 | 285 |
| MD2005 | Speaker | 200 | 280 |
| MD2006 | RGB | 200 | 593 |
| MD2007 | Main | 200 | 1000 |
| SC2008 | NemaSocket | | |
| SC2009 | Zhaga Socket | | |

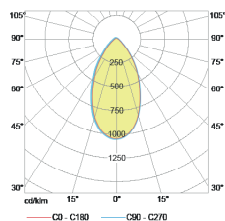
*Anchorage set included.

*Flange cover to be ordered separately.

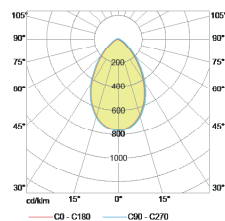
Light Distribution Curve



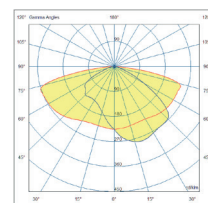
45°



60°



90°



M3