

LIT[®]



axis

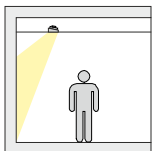
axis



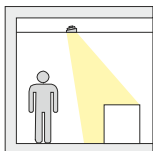
axis is a recessed downlight in which the light source swivels 20° on one axis. It incorporates **XQUARE OPTICS®** system, that maximises light usage and visual comfort.

It is available with IP20 or IP66 insulation for locations requiring maximum water-tightness. The IP66 version guarantees better performance for the luminaire and the same performance standards throughout its service life.

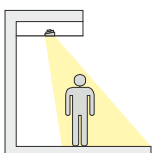
Types of lighting



WALLWASH
FROM CEILING



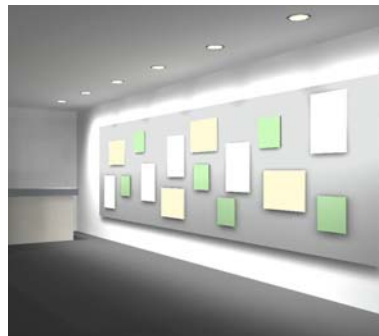
INTERIOR
ASYMMETRIC
LIGHTING



EXTERIOR
ASYMMETRIC
LIGHTING

Application areas

corridors
murals
counters
bookcases
displays
...



murals



counters



bookcases



displays

entrances and
doorways
terraces and balconies
cantilevers
marquees
...



exterior lighting



exterior lighting

STANDARD TECHNICAL SPECIFICATIONS



MODELS	axis
IP RATING	IP20 IP66
LUMINAIRE POWER RATING	27W 40W 54W
LIGHT SOURCE	High power LED
COLOUR TEMPERATURE	3000K and 4000K
CRI	85
OPTICS	S1 (~15°): circular Q3 (~30°) Q6 (~60°) square Q9 (~90°) R1 (~15° x 90°) rectangular R3 (~30° x 90°)
LUMINOUS FLUX*	Up to 5,806 lm
LIGHTING EFFICIENCY*	Up to 108 lm/W
TYPE OF POWER FEED	27W at 700mA 40W and 54W at 1400mA
POWER SUPPLY	External
DIMMING	DALI depending on version
CONNECTION	Fast connector
OPERATING AMBIENT TEMPERATURE	-30°C up to 40°C
SERVICE LIFE**	L70 80,000 hours at 25°C T° amb. temp.
MOUNTING	Recessed with fast-fitting spring clips
MATERIALS	Heat sink body and front frames: aluminium Ceiling clamping system: steel IP66 closing: methacrylate
FINISHES	Heat sink body and front frames: long-lasting, high resistance powder painting coating Casing: metallic grey or matt white
WEIGHT	Up to 1,500gr approx.



Other customised features made to order

axis has been manufactured to meet all current regulations and recommendations: UNE 12464 and EN 60598 under ISO 9001, ISO 14001 and UNE 166002.
All figures shown are average values at 25°C ambient temperature.

* For other results, please consult the flux table on the following pages. ** Minimum 70% luminous flux compared to initial flux. Service life is shortened compared to the nominal value when operating in ambient temperatures over 25°C or when significant fluctuations occur in the power supply. Follow the installation instructions carefully to ensure the best possible performance.

VERSIONS



axis
satin white

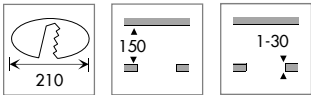
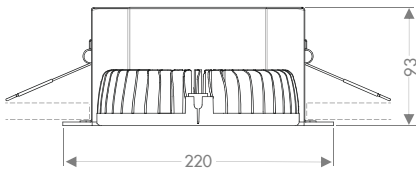


axis
satin grey



axis
satin black

DIMENSIONAL DIAGRAM (units in mm)



LUMINOUS FLUX

axis IP20 S1 OPTICS (~15°)

POWER RATING* (W)	COLOUR TEMP (K)	LUMINOUS FLUX** (lm)
27	4000	2903
40	4000	4301
54	4000	5806
27	3000	2759
40	3000	4087
54	3000	5517

axis IP66 S1 OPTICS (~15°)

POWER RATING* (W)	COLOUR TEMP (K)	LUMINOUS FLUX** (lm)
27	4000	2758
40	4000	4085
54	4000	5515
27	3000	2621
40	3000	3883
54	3000	5242

*Total consumption rate including power supply. ** Typical results at 25°C ambient temperature.
For other references, please ask for photometric files or visit www.luxintec.com.

PHOTOMETRIES* axis

CONICAL DIAGRAMS

Optics S1 ~ 15°

HEIGHT [m]	ILLUM. DISTANCE. [m]	ILLUM. [lux]
0.5	0.22	114297
1.0	0.43	28574
1.5	0.65	12700
2.0	0.86	7144
2.5	1.08	4572
3.0	1.30	3175

— C0 - C180

Optics Q3 ~ 30° x 30°

HEIGHT [m]	ILLUM. DISTANCE. [m]	ILLUM. [lux]
0.5	0.26 x 0.26	71886
1.0	0.51 x 0.51	17971
1.5	0.77 x 0.77	7987
2.0	1.03 x 1.03	4493
2.5	1.28 x 1.28	2875
3.0	1.54 x 1.54	1997

— C0 - C180

— C90 - C270

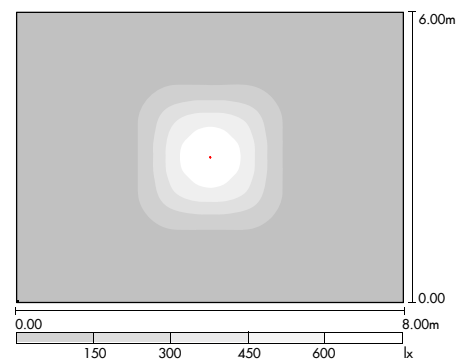
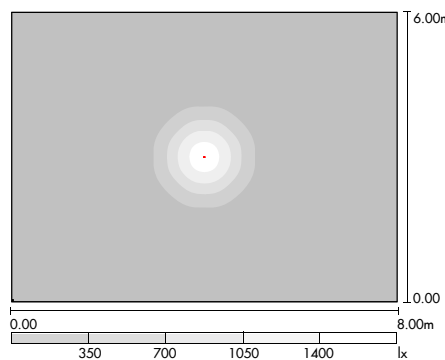
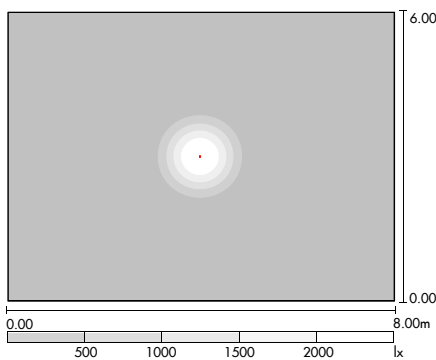
Optics Q6 ~ 60° x 60°

HEIGHT [m]	ILLUM. DISTANCE. [m]	ILLUM. [lux]
0.5	0.39 x 0.39	35214
1.0	0.77 x 0.77	8804
1.5	1.16 x 1.16	3913
2.0	1.54 x 1.54	2201
2.5	1.93 x 1.93	1409
3.0	2.32 x 2.32	978

— C0 - C180

— C90 - C270

ISOLUX CURVES (values at 3 m height)



CONICAL DIAGRAMS

Optics Q9 ~ 90° x 90°

HEIGHT [m]	ILLUM. DISTANCE. [m]	ILLUM. [lux]
0.5	0.65 x 0.65	13678
1.0	1.29 x 1.29	3419
1.5	1.94 x 1.94	1520
2.0	2.59 x 2.59	855
2.5	3.23 x 3.23	547
3.0	3.88 x 3.88	380

— C0 - C180

— C90 - C270

Optics R1 ~ 15° x 90°

HEIGHT [m]	ILLUM. DISTANCE. [m]	ILLUM. [lux]
0.5	0.19 x 0.94	28635
1.0	0.39 x 1.88	7159
1.5	0.58 x 2.83	3182
2.0	0.78 x 3.77	1790
2.5	0.97 x 4.71	1145
3.0	1.17 x 5.65	795

— C0 - C180

— C90 - C270

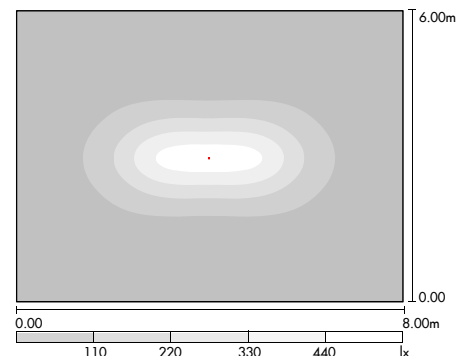
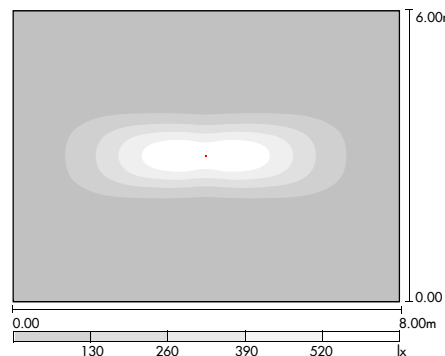
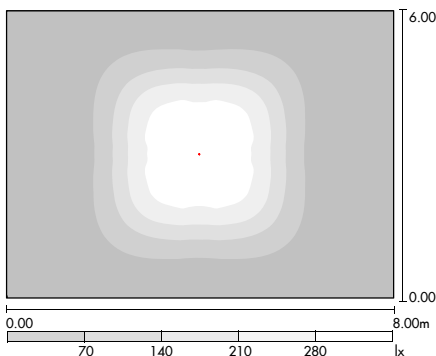
Optics R3 ~ 30° x 90°

HEIGHT [m]	ILLUM. DISTANCE. [m]	ILLUM. [lux]
0.5	0.25 x 0.80	24369
1.0	0.50 x 1.60	6092
1.5	0.75 x 2.39	2708
2.0	1.00 x 3.19	1523
2.5	1.26 x 3.99	975
3.0	1.51 x 4.79	677

— C0 - C180

— C90 - C270

ISOLUX CURVES (values at 3 m height)



* Typical values for **axis** IP20 54W 4000K CRI85, 230VAC at 25°C. For other references, please ask for photometric files or visit www.luxintec.com.

Depending on the installation conditions there may be differences in the illumination values obtained. Follow the product installation instructions to achieve optimum performance.

REFERENCE CODING axis

VARIABLES	CODE	DESCRIPTION
01	MODEL	AX
02	IP	2 6
03	POWER RATING	27W 40W 54W
04	POWER SUPPLY	F D
05	LIGHT COLOUR	3A 4A
06	OPTICS	S1 Q3 Q6 Q9 R1 R3
07	LUMINAIRE COLOUR	B G N

EXAMPLE REFERENCE BUILD:

COMPLETE REFERENCE 01 + 02 + 03 + 04 + 05 + 06 + 07
 EXAMPLE REFERENCE AX + 2 + 27W + D + 3A + Q3 + B = AX227WD3AQ3B
 DESCRIPTION AXIS LUMINAIRE, IP20, 27W, DALI DIMMABLE, 3000K CRI85, XQUARE OPTICS 30° x 30°, SATIN WHITE



Other customised features made to order