



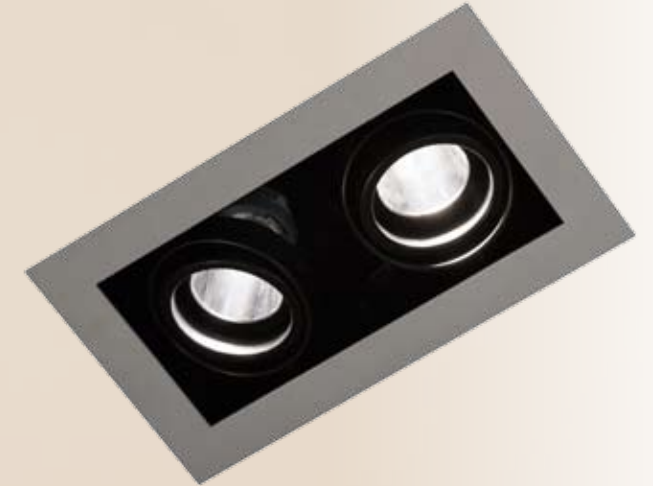
LIGHTING

for the next generation



DASAL

New Vision in Point Source Lighting



RECESSED MATRIX

The Matrix LED luminaire is an adjustable multiple recessed downlight. This range of recessed downlight is available with a one lamp configuration to a 6 lamps configuration.

Custom configurable lengths are available.

PENDANT MATRIX (PMX)

Pendant Matrix LED offers the same versatility as its recessed counterpart, which make both the Pendant Matrix LED and Recessed Matrix LED an architectural must for your commercial spaces. Two architecturally enhancing suspension types are available for you to choose.

Custom configurable lengths are available.



TRIM-LESS MATRIX

The Trim-less Matrix LED series is designed for installations in drywall ceilings for new construction projects. This range is used when lighting designers require a visually seamless look between the ceiling and the luminaire.

For the ultimate contemporary look for your commercial or retail spaces the Trim-less Matrix is your solution.

As part of our commitment to the environment,

DaSal is pleased to introduce The Matrix Solid State Lighting which now features the latest in sustainable "Green Technology" from Xicato. With excellent research done by a dedicated group of engineers, the Xicato Light Engine delivers halogen quality light with the most consistent white light of any LED product on the market today.

Dramatic, well-focused accent lighting helps to communicate the value and importance of selected merchandise to the customer. Retail lighting allows a customer to become part of an experience. Understanding this concept, the energy minded retailer will find the Matrix LED offers a wide range of luminaires that provide flexibility to effectively light retail environments.

The Matrix LED lighting products are available in single or multiple lamp configurations where each lamp is independently adjustable. Choose from a standard recessed, a trim-less recessed or an architectural suspended luminaire.

Capture key displays and exhibit items that require special attention. Now you can do this with the environment in mind. Turn interest into purchases with The Matrix LED family of luminaires.

"The right choice for sustainable architectural retail lighting."



DESIGN FEATURES AND PERFORMANCE

The Matrix LED luminaire collection:

- Tested using absolute photometry as specified by IESNA LM-79.
- Recessed luminaires approved for Non I/C ceiling types including air-handling plenums.
- Adjustable downlight for effective use in retail environments.
- Each LED point source and reflector sits in a free floating cradle adjustable on a dual axial system. This system allows for each lamp to be independently adjustable (360 degrees horizontal direction and up to 23 degrees vertically.) It is also suitable to accept glass lens accessories (if required).
- Optional High CRI Light engine available > 90+ CRI (with R9 > 90) for color critical specifications.
- Minimal heat (IR) in the beam - can be placed close to merchandise.
- No harmful UV - perfect for museums or high value items sensitive to UV.
- Extremely small aperture.
- 5 year warranty.

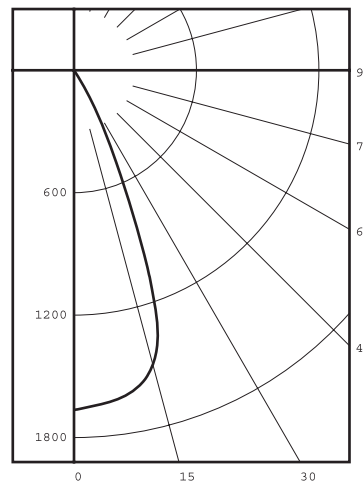
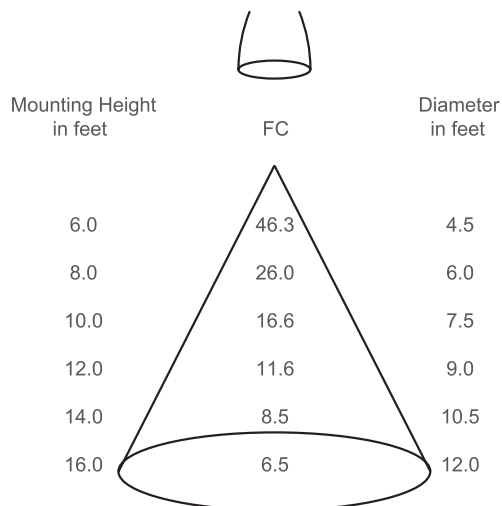
The Xicato LED Light Module:

- Patent pending color corrected Cold Phosphor technology.
- The most consistent white light engine on the market – (color point stability <2 Standard Deviation Color Match - part to part).
- High Output light engine is 1000 Lm / 22 Watts with 82 CRI. Lower Wattage 700 Lm / 15 Watts module available.
- 90+ CRI modules have industry best color rendering properties, including vivid red portrayal (R9>90).
- Choice of Color Temperatures (2700K, 3000K and 4000K).
- Long life LED technology (50khrs - at 70% lumen maintenance).
- Excellent thermal management.
- Fully dimmable.



Cone of Light Diagram

(diameter shown is where fc value is half the fc at nadir)



Zonal Lumen Summary

DEG	CANDELA	LUMENS
0	1665	
5	1640	156
15	1492	411
25	464	226
35	6	16
45	1	1
55	0	0
65	0	0
75	0	0
85	0	0
90	0	

Data provided is based on Xicato 1000 Lm / 22 Watts Module

