



**LUMEC**

A NEW WORLD REVEALED BY

# LifeLED™

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## A NEW WORLD REVEALED BY THE LifeLED™

Leonis is available with a complete state-of-the-art LED light engine or HID optics


- 1 > Unmatched photometric performance
- 2 > High-performance thermal management
- 3 > Longer life than conventional HID (HPS or MH) lighting
- 4 > Extremely versatile, multi-product technology
- 5 > Contributes to the enrichment of its environment.



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LifeLED™ **LUMEC**

- > Available in 7 luminaires' series  
LifeLED™, a multi-product technology offering you more than a billion of different designs.
- > Functional in extreme environments of 122°F (50°C):  
LifeLED™, a unique thermal management.
- > 70 000 hours of operational lifespan  
LifeLED™, a longer life.
- > 2 times more lumens in the target lighting zone  
LifeLED™, a unique thermal management.
- > Up to 50% energy savings  
LifeLED™, a sustainable design.



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LifeLED™ Products Integration **LUMEC**



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### LifeLED™ Retrofit Kit

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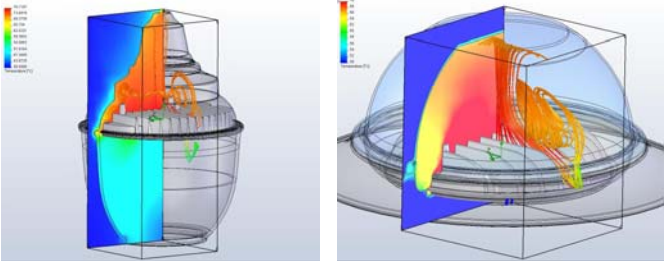


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### LifeLED™ Thermal Management

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[DATA CHART](#)

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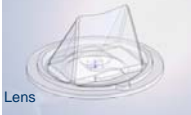
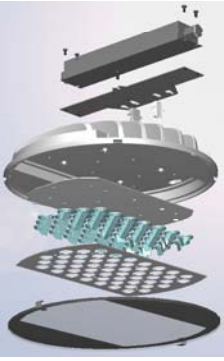
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### LifeLED™ Optic


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Light control

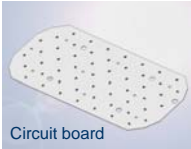
- > Each lens can be oriented individually depending on the distribution pattern required.



Lens



Lens orientation panel



Circuit board

Electronic Regulator

Thermal Dissipater

Lamp (LED)

Optical System

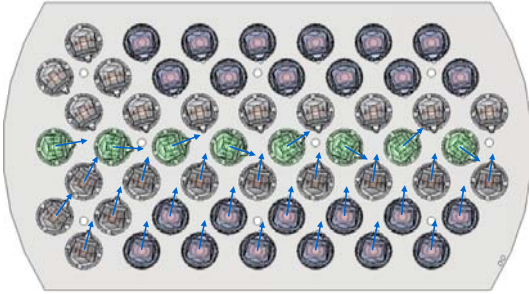
Lens or globe

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### LifeLED™ Optical/Photometry

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## LifeLED™ Optic

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Lens design

Unidirectional Light control

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## LifeLED™ Optic

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Type 2  
Type 3  
Type 4

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## LifeLED™ Optic

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Horizontal lamp reflector SG3  
Wattage = 150w MH  
MF= 72%

14000 initial lumens  
2505 lumens

Vertical lamp reflector SCB3M  
Wattage = 150w MH  
MF= 72%

14000 initial lumens  
2620 lumens

LifeLED LE3S  
Wattage = 82w  
MF= 85%

6300 initial lumens  
2731 lumens

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## LifeLED™ Optic

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**HID OPTIC** | Domus Series  
WITH SAG LENS | DMS50-150PMH-SG3 | LSP 32 Lumens: 32000

Beam length: 2.6  
Mounting height: 18.6  
Spacing: 30.6  
Beam spread: 10.6  
Beam width: 2.6

**LED OPTIC** | Domus Series  
WITH SAG LENS | DMS50-82LED3163K-LE3F | LSP 85 Lumens: 6000

Beam length: 2.6  
Mounting height: 18.6  
Spacing: 30.6  
Beam spread: 10.6  
Beam width: 2.6

AVERAGE: 8.33 LUX 0.77 FC  
AVG-MIN: 7.56 LUX 0.68 FC

AVERAGE: 7.33 LUX 0.68 FC  
AVG-MIN: 5.86 LUX 0.57 FC

Beam	Min	Avg	Max
HID	4.90	8.33	23.20
LED	3.74	7.33	14.86

WATTAGE

LAMP	SYSTEM
150 W	190 W

WATTAGE

LAMP	SYSTEM
82 W	95 W

ENERGY SAVINGS OF 50%


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> 2 times greater spacing and 2 times more lumens in the target lighting zone

LifeLED™, an unparalleled photometric efficacy compared to other LED optics.



SPACING UP TO **8 TIMES** MOUNTING HEIGHT

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### LifeLED™ Next luminaire



- All market
- All purpose look
- Up to 250HPS equivalent
- IP66
- Tool free
- Side, wall mounted and flood light version



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