

### At a Glance:

- DALI-2 Compatible
- Ultra-Low Glare (UGR <16)
- Flicker-Free
- Enhances Greenstar Rating
- Long Lifespan: >60K hours
- Meets IES LM-80-08 Standard
- Standard Driver Option
- LoRa Wireless Option



### Captivating Deep-Recessed Lighting

ATHENA-I is a sophisticated deep-recessed downlight designed specifically for commercial main entrances, hallways, and lift lobbies. Its distinctive deep design not only provides a visually striking architectural effect but also effectively minimizes

glare, creating a comfortable and visually pleasing environment. With exceptional energy efficiency, Athena enhances the aesthetic appeal of the space while helping businesses reduce operational expenses. It serves as the perfect lighting solution to create a captivating and inviting atmosphere in commercial settings.

## ATHENA

### Specification:

Input power range: 6-30W  
Efficacy: 98 lm/W at 30W  
UGR: <16  
Beam angles: 15°, 24° 38° 60° symmetrical  
CRI: Ra > 90  
Color temperature: Cool, 5000K; Neutral, 4000K;  
Warm, 3000K; Amber, 2700K  
SCDM: 3  
LLD(Av): 2.21% @ 12,000 hrs  
Lens: PMMA  
Chromaticity shift (Av): 0.0012 @ 12,000 hrs  
Fitting Material: Aluminium  
Fitting color: Anodised white or black  
IP rating: IP40  
Input Voltage: 200-240Vac  
Power factor: >0.92 @ 20W  
Operating temperature: -20°C to 45°C  
Approved standards: SAA, C-Tick  
Life expectancy (L70): >60,000 hrs  
Warranty: 5 years  
Weight: < 0.5kg  
Custom color: Yes

DALI-2 Driver: BK-PUL018A-0450A Flicker free  
Standard Driver: BK-DGL042-1050AD Flicker free

### Lighting Control Hardware:

Wired or wireless DALI-2  
Wireless LoRa with i3t Smart App  
Wireless range: 5km  
Hierarchical Zone layers: 5  
Groups per Zone: 255  
Number of gateway: 1 (typical)  
Point-n-click Zone-Group configuration  
Ambient light correction

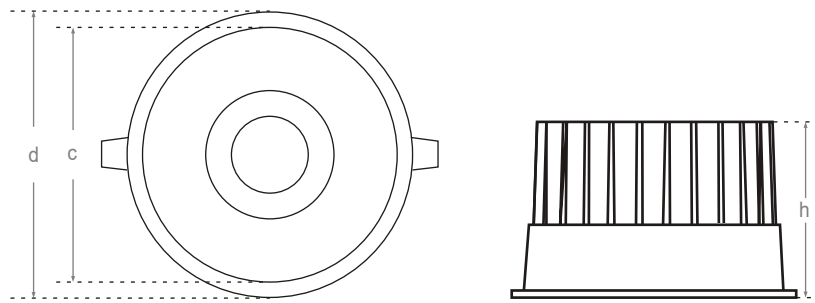
### i3t and/or FunGlow system:

Zone-Group dimming  
Scene setting  
Occupancy sensing  
Daylight tracking: 2700-5500K  
Access and Security Control  
Emergency Light monitoring  
RGB/CW daily setting (FunGlow)  
Battery operation (LoRa)  
Long-range data acquisition control (< 50 km)

### ATHENA: DLAab-cdef

a: Watts (e.g., DLA20... = 20W)  
b: **D**ALI, **S**tandard  
c: **C**ool, **N**eutral, **W**arm, **A**MBER  
d: 90, 125, 145, 165 (mm diam)  
e: **L**oRa i3t, **F**unGlow, **B**lank  
f: **W**hite, **B**lack

## Dimensions:



All dimension in mm

Model	Watts	Cut-out (c)	Diam (d)	Height (h)
DLA06...	6	90	100	64
DLA10...	10	90	100	64
DLA15...	15	90	100	64
DLA20...	20	125	136	83
DLA30...	30	145	158	96
DLA40...	40	165	180	109

Minimum dimension for lamp power

## DALI Configuration:



## DALI -LoRa Configuration:

