

echo 280 LED

LED architectural low bay luminaire



Optics

- Outputs (clear refractor)
 - 1500 lumens, 14W
 - 3800 lumens, 37W
- Clear, opal and metalised prismatic refractor or metal reflector options
- 'Cool' white 4000K colour temperature

Body

- Aluminium spun housing integrating an extruded aluminium heat sink
- Simple screw removal allows access to the gear housing for efficient installation and maintenance
- Body supplied complete with an adjustable twin wire suspension kit (up to 3m drop)
- 3 point key holes allow for rapid onsite assembly of the body and reflector / refractor
- Body and reflector / refractor to be ordered separately
- Body finished in grey
- DALI and emergency luminaires supplied with ceiling suspension kit as standard (can be ordered separately for non emergency or fixed output luminaires)



Opal Prismatic Refractor



Spun Aluminium Reflector



Clear Prismatic Refractor



Ceiling Suspension Kit*

Order Codes

Echo 280 LED	Fixed Output	3 hr Emergency
1500 lumens (14W)	EC280-H154KG	–

Echo 280 LED		
3800 lumens (37W)	EC280-H404KG	EC280-H404KGEM

Accessories

Clear Prismatic Refractor	EC30
Spun Aluminium Reflector	EC30REFLC
Opal Prismatic Refractor	EC30PAL
Ceiling Suspension Kit*	EC70CEILKIT

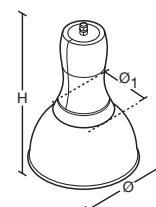
Options

DALI DIMMING	Replace H with Y	i.e. EC280-Y154KG
COMEPS	Replace EM with /EP	i.e. EC280-H404KG/EP

* Supplied as standard with EM or DALI luminaires

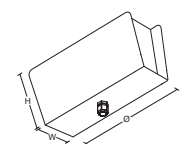
Dimensions

Luminaire



Ø	Ø ₁	H	KG
315	139	443	5.75

Ceiling suspension kit

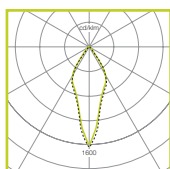


L	W	H	KG
300	142	138	2.2

LED Performance

Colour Temp	Ra (CRI)	Life Expectancy	Colour Consistency
4000K	Ra>80	L ₈₀ (50,000hrs)	MacAdam 3 SDGM

Photometric Performance



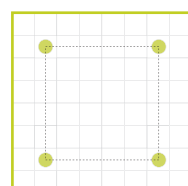
Clear refractor
37W LED
3800 lumens
• LOR = 100%
• SHR MAX = 0.59

Utilisation Factors UF(F)

Room Reflectance	Room Index
C W F	1.00 3.00 5.00
0.70 0.50 0.20	0.83 1.03 1.08

Performance Guide

Lamps	Illuminance	Spacing
3800 lumens	343 lux	3.0m x 3.0m



Maintenance: 0.8
Reflectance: 70/50/20
Ceiling Height: 6.0m
Working Plane: 0.0m

To Specify

Suspended architectural LED low bay luminaire. Aluminium spun housing integrating an extruded aluminium heat sink with clear / opal or aluminium reflector – as Whitecroft Lighting ECHO 280 LED