

echo 380

suspended architectural
high bay luminaire



Optics

- Lamp options:
 - 4 x 42W TC-T
 - 250W or 400W high output open fixture rated Venture ceramic metal halide with superior lumen maintenance
- Clear and metalised prismatic refractor or metal reflector options

Body

- Two piece cast aluminium housing finished grey
- Pre-wired GST18 i5 socket is integrated within the top of the body and supplied with GST18 i5 plug as standard for efficient installation
- Body supplied complete with an adjustable twin wire suspension kit (up to 3.0m drop)
- 3 point key holes allow for rapid onsite assembly of the body and reflector / refractor
- Optional spun steel ceiling rose finished grey
- Body and reflector / refractor to be ordered separately

echo 380

Order Codes

Echo 380	Standard	3 hr Emergency
TC-T 4 X 42W HF	EC380-F442H	EC380-F442HEM
HQI-E 1 X 250W	EC380-250V	-
HQI-E 1 X 400W	EC380-400V	-

Accessories

417mm Ø Clear Refractor	EC40
570mm Ø Clear Refractor	EC50
570mm Ø Part Metalised Refractor	EC50PRTMET
417mm Ø Metal Reflector	EC40REFLC
Ceiling Rose Kit (optional)	EC80CEILKIT

Options (4x42W Only)

DALI DIMMING	Replace H with Y	i.e. EC380-F442Y
SWITCH DIMMING	Replace H with X	i.e. EC380-F442X
COMEPS	Add suffix /EP	i.e. EC380-F442H/EP
EASYTEST	Add suffix /ET	i.e. EC380-F442H/ET
COMET	Add suffix /CT	i.e. EC380-F442H/CT



Part Metalised Prismatic Refractor



Metal Reflector

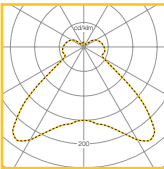


Clear Prismatic Refractor



Ceiling Suspension Kit (Optional)

Photometric Performance



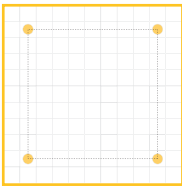
4 x 42W TC-T
Clear Prismatic
Refractor
• LOR = 79.4%
• SHR MAX = 2.14

Utilisation Factors UF(F)

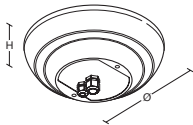
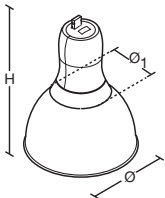
Room Reflectance	Room Index
C W F	1.00 3.00 5.00
0.70 0.50 0.20	0.48 0.69 0.75

Performance Guide

Lamps	Illuminance	Spacing
4 x 42W TC-T	330 lux	4.0m x 4.0m
Maintenance: 0.8		
Reflectance: 70/50/20		
Ceiling Height: 10.0m		
Working Plane: 0.0m		



Dimensions



With EC50 refractor		Ø	H	KG
Version	Ø Ø ₁ H KG KG ₂	255	100	1.0
4 x 42W	570 304 700 7.1 7.8			
250/400W	570 304 700 12.4 -			
With EC40 refractor				
Version	Ø Ø ₁ H KG KG ₂			
4 x 42W	417 304 637 7 7.2			
250/400W	417 304 637 12 -			

Lamp Performance

Wattage	IL@25°C	Lamp Life
1 x 42W TC-T	3200	13,000hrs
1 x 250W HIPE	23500	15,000hrs
1 x 400W HIPE	40000	20,000hrs

To Specify

Suspended architectural high bay with cast aluminium gear housing and clear prismatic / part metalised refractor or aluminium reflector. Supplied with pre-wired GST18 i5 socket mounted in the housing – as Whitecroft Lighting ECHO 380