

echo 280

architectural low bay
pendant luminaire



Optics

- Lamp options:
 - 1 x 17W PL-R
 - 1 x 26W TC-T
 - 1 x 57W TC-T
 - 3 x 26W TC-T
 - 70W or 150W HIPE high output open fixture rated Venture ceramic metal halide with superior lumen maintenance
- Clear, opal and metalised prismatic refractor or metal reflector options

Body

- Two piece cast aluminium body finished grey
- Simple screw removal allows access to the gear housing for efficient installation or maintenance
- 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
- Body and reflector / refractor to be ordered separately
- Ceiling rose can be used on all products but is supplied as standard with the emergency product

echo 280

Order Codes

Echo 280	Standard	3 hr Emergency
PL-R 1 x 17W	EC280-F17H	EC280-F17HEM
TC-T 1 x 26W HF	EC280-F26H	EC280-F26HEM
TC-T 1 x 57W HF	EC280-F57H	-
TC-T 3 x 26W HF	EC280-F326H	EC280-F326HEM
HIPE 1 x 70W	EC280-C70H	-
HIPE 1 x 150W	EC280-C150H	-

Accessories

Clear Refractor	EC30
Part Metalised Refractor	EC30PRTMET
Metal Reflector	EC30REFLC
Opal Refractor	EC30PAL
Ceiling Rose Kit	EC80CEILKIT

Options

DALI DIMMING* Replace H with Y i.e. EC280-F17Y

*Dimming versions not available with HIPE 1 x 70W / 1 x 150W or 3 hr emergency options

Ceiling rose kit is supplied as standard with emergency products



Opal Prismatic Refractor



Part Metalised Prismatic Refractor



Clear Prismatic Refractor



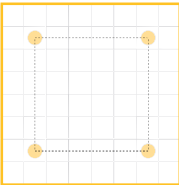
Metal Reflector



Ceiling Suspension Kit

Performance Guide

Lamps	Illuminance	Spacing
3 x 26W TC-T	275 lux	3.0m x 3.0m



Maintenance:
0,8

Reflectance:
70/50/20

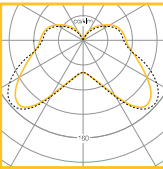
Ceiling Height:
6,0m

Working Plane:
0,0m

Lamp Performance

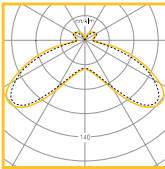
Wattage	IL@25°C	Lamp Life
1 x 17W PL-R	1250	24,000hrs
1 x 26W TC-T	1800	13,000hrs
1 x 57W TC-T	4300	13,000hrs
1 x 70W HIPE	5000	15,000hrs
1 x 150W HIPE	12600	15,000hrs

Photometric Performance



3 x 26W TC-T
Clear Prismatic
Refractor

- LOR = 93,4%
- SHR MAX = 2,69



3 x 26W TC-T
Part Metalised
Refractor

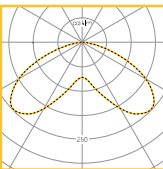
- LOR = 80,5%
- SHR MAX = 1,33

Utilisation Factors UF(F)

Room Reflectance	Room Index
C W F	1.00 3.00 5.00
0.70 0.50 0.20	0.45 0.73 0.82

Utilisation Factors UF(F)

Room Reflectance	Room Index
C W F	1.00 3.00 5.00
0.70 0.50 0.20	0.42 0.69 0.77



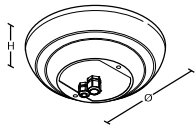
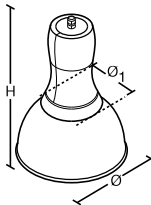
3 x 26W TC-T
Metal Reflector

- LOR = 83,1%
- SHR MAX = 2,69

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 0.77 0.84

Dimensions



Ø	Ø ₁	H	KG	KG	Ø	H	KG
315	180	442	3.8	5.3	255	100	1.0

To Specify

Suspended architectural low bay luminaire with two piece extruded aluminium gear housing, with clear /opal / part metalised refractor or aluminium reflector – as Whitecroft Lighting ECHO 280