



TECHNICAL SPECIFICATIONS

PRODUCT REFERENCE

Environment	Indoor
Installation	Ceiling Pendant / Surface^

CONSTRUCTION & MATERIALS

Housing	Aluminium
Lens or Diffuser	Opal Poly Carbonate
Reflector	White Optics
Finish	Powder Painted White / Black / Custom

THERMAL MANAGEMENT

Heat Sink Material	Aluminium
Cooling Technique	Passive

OPTICAL SYSTEM

Beam Angles (FWHM)°	General Illumination - Wide
Beam Direction	Fixed
Tilt	No
Swivel	No

ELECTRICAL SYSTEM

Driven With	Constant Current Driver
Input Voltage	220V-240V
Input Power	156.69w
Power Factor	>0.9
ATHD	<10%
Control Gear Mounting	Integral



DIMMING

Dimming Options Consult ABBY Representative

LED TECHNOLOGY

Led Fitted	SAMSUNG
Lumen Output System (Delivered)*	15583 16115 16662
Efficacy (System - lm/watt)*	99 103 106
Co-related Colour Temp.	3000K 4000K 6000K
Led Life Time @ L70 / B10	50,000 hours
Colour Rendering CRI	>80

ORDERING INFORMATION

While ordering mention **one code from each** of the following columns

PRODUCT CODE	LED COLOUR	BEAM ANGLE	FINISH	DIMMING OPTION
ENSO P 180 160W	Warm White 3000K Neutral White 4000K Cool White 6000K	General Illumination Wide	White Black Custom	Non Dimmable 1-10v Dimmable Driver Phase Dimmable Driver Dali Dimmable Driver

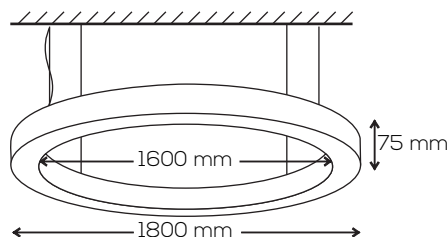
ENSO P 180 160W - CW60K - - SWH - D Dim

This is the ordering code for a ENOS P 180 160W in Cool White, Medium Beam, White Finish, and Dali Dimmable Driver.

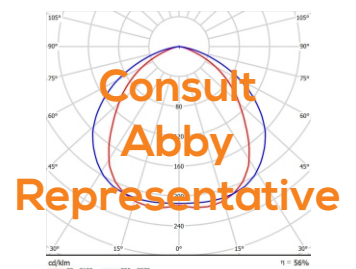
INSTALLATION

Suspension Cable (Provided)

LINE DRAWING



PHOTOMETRY



*Order Enso Pendant as Enso P & Enso Surface as Enso S. Please consult an Abby representative for any other assistance. Abby tries to ensure all data and information is correct at the time of publication. Data provided is for information purposes only. *Output data figures stated are typical values for General Illumination Wide.