



Optics

- Light source options:
 - LED 4000 lumens (46W)
 Or
- Lamp options:
 - 4 x 26W TC-D
 - 1 x 60W T5-C
 - 4 x 17W PLR-ECO
- High output lamp and LED options to reduce number of installed luminaires, ideal for stairwells
- Micro polymer diffuser option in polycarbonate for applications where impact resistance is important
- Twist and lock diffuser location

Body

- Two part spun steel body finished silver and injection moulded gear tray, providing thermal management
- IP40
- Optional extruded and rolled aluminium bezel
- Optional acrylic feature ring available
- Integral emergency versions due to superior thermal management construction
- Optional Command 5 microwave sensor available mounted behind the diffuser for on/off operation
- Also available in suspended option see page 90

convor surface

Order Codes

Convor	HF Gear	3 hr Emergency
LED 4000 Lumen (46W)	CVLPH14K	CVLPH14KEM
TC-D 4 x 26W	CNVAH426	CNVAH426EM
T5-C 1 x 60W	CNVAH160	CNVAH160EM
PLR-ECO 4 x 17W	CNVAH417	CNVAH417EM

Options

DALI DIMMING	Replace H with Y	i.e. CNVAY426
SWITCH DIMMING*	Replace H with X	i.e. CNVAX426
COMMAND 5**	Add Q5 after CNVA	i.e. CNVA Q5 H426
EASYTEST	Add suffix /ET	i.e. CNVAH426/ ET
COMEPS	Add suffix /EP	i.e. CNVAH426/ EP
COMET†	Add suffix /CT	i.e. CNVAH426/ CT
POLYCARBONATE DIFFUSER	Replace A with P	i.e. CNVPH426
FEATURE RING		CNVFR
BEZEL		CNVBEZ
SURFACE CONDUIT ADAPTER		CNVSCA

*Not available for T5-C 1 x 60W

**Command 5 is only available with HF gear

†COMET not available with LED product



Extruded Aluminium Bezel



Feature Ring

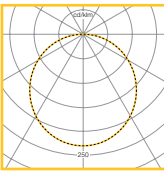
LED Performance

Colour Temp	Ra (CRI)	Life Expectancy	Colour Consistency
4000K	≥ 80	L ₇₀ (50,000hrs)	MacAdam 3 SDCM

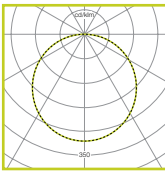
Lamp Performance

Wattage	IL@25°C	Lamp Life
1 x 26W TC-D	1800	13,000hrs
1 x 60W T5-C	5000	12,000hrs
1 x 17W PLR-ECO	1250	19,000hrs

Photometric Performance



4 x 26W TC-D
• LOR = 73.7%
• SHR MAX = 1.67



46W LED
• LOR = 100%
• SHR MAX = 1.65

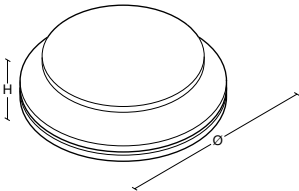
Utilisation Factors UF(F)

Room Reflectance			Room Index		
C	W	F	1.00	3.00	5.00
0.70	0.50	0.20	0.47	0.68	0.74

Utilisation Factors UF(F)

Room Reflectance			Room Index		
C	W	F	1.00	3.00	5.00
0.70	0.50	0.20	0.65	0.92	1.00

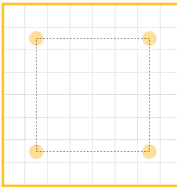
Dimensions



Version	Ø	H	KG	KG ☑
Fluorescent Standard	538	168	5.9	6.9
Fluorescent Bezel	596	168	6.4	7.4
Fluorescent Feature Ring	680	168	6.1	7.1
LED Standard	538	168	3.9	4.3
LED Bezel	596	168	4.4	4.8
LED Feature ring	680	168	4.1	4.5

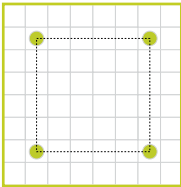
Performance Guide

Lamps	Illuminance	Spacing
4 x 26W TC-D	520 lux	3.0m x 3.0m



Maintenance: 0.8
Reflectance: 70/50/20
Ceiling Height: 2.7m
Working Plane: 0.8m

Lamps	Illuminance	Spacing
46W LED	379 lux	3.0m x 3.0m



Maintenance: 0.8
Reflectance: 70/50/20
Ceiling Height: 2.7m
Working Plane: 0.8m

To Specify

High output LED or fluorescent circular IP40 luminaire with micro polymer diffuser in acrylic or polycarbonate. Two part body with thermal management to allow integral self contained emergency option – as Whitecroft Lighting CONVOR