

# Duo3 Evo

LED Recessed tiled optic luminaire



## Overview

Recessed 600mm x 600mm luminaire with tiled optic configuration comprising a micro polymer optic outer to diffuse light and graduate brightness and a hexaprism inner optic for glare control in EN12464-1 compliant schemes.

## Optics

- Lumen outputs
  - 3300 lumens (29W) - (27W with e-light)
  - 4100 lumens (37W) - (33W with e-light)
- Emergency output
  - All variants 300 lumens
- Available with 3000K and 4000K LED
- Micro polymer optic outer tile provides intermediate brightness zone to diffuse light and graduate brightness
- Hexaprism inner optic for glare control in EN12464-1 compliant schemes
- Available with e-light LED option for increased luminous efficacy (lm/cw) and reduced through life costs

# Body

- Steel body and frame finished in white
- Choice of integral emergency options; 3hr and COMEPS
- Emergency variants supplied with Lithium Iron Phosphate (LiFePO4) battery technology; featuring extended design life reducing replacement frequency to lower total cost of ownership, and advancing sustainability through support for end of life recycling
- For lay in ceiling integration on T15 and T25 ceilings
- IP44 from below and IP20 from behind
- Can be used with MSU Kit for Mental Health - Medium Secure Unit & Anti-Ligature applications
- Optional integral Organic Response® wireless sensor that communicates with its neighbouring luminaires, automatically controlling light across the area \*

\* Every luminaire within an area that's to be controlled must have an integral Organic Response detector. Organic Response Wall switch and dongle are also available (supplied separately)

## Order codes

				B50		
Duo3 Evo (4000K)	Fixed Output	3hr Emergency	LL/CW	L70	L80	L90
3300 lumens (29W)	D3VH2XT	D3VH2XTLEM	112	>100k	>100k	71k
3300 lumens - e-light (27W)	D3VEH2XT	D3VEH2XTLEM	124	>100k	>100k	91k
4100 lumens (37W)	D3VH3XT	D3VH3XTLEM	112	>100k	>100k	71k
4100 lumens - e-light (33W)	D3VEH3XT	D3VEH3XTLEM	125	>100k	>100k	91k

## Options

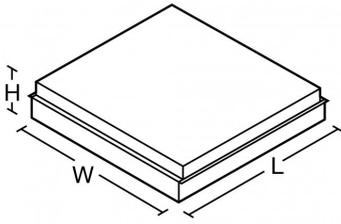
DALI DIMMING	Replace H with Y	i.e. D3VY2XT
COMEPS	Add suffix EP	i.e. D3VY2XTEP
ORGANIC RESPONSE SN3 (DALI only)	Add RG3 before Y	i.e. D3VRG3Y2XT

For 3000K colour temperature, please contact Whitecroft.

## LED Performance

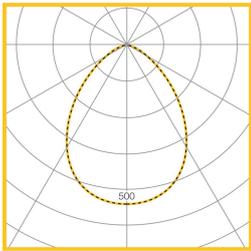
Colour Temp	RA (CRI)	Colour consistency
4000K	>80	MacAdam 3 SDCM

# Dimensions



VERSION	L	W	H
Duo3 Evo	595	595	115

# Photometric Performance



# To Specify

Recessed LED 600 x 600mm luminaire with tiled optic configuration comprising a micro polymer optic outer to diffuse light and graduate brightness and a hexaprism inner optic for glare control in EN12464-1 compliant schemes. Optional integral Organic Response® Proximity Limited Communication system - as Whitecroft Lighting DUO3 EVO.