

Tusc	an 89				
IP65	IK16 (150J)	Linear	Class I	Recessed	Surface
HT50°C					
Commu	unity and Public	Custodial	Transp	ort	

Tuscan 89 is a vandal resistant luminaire specifically designed for challenging environments, such as custodial facilities, transport applications and community and public installations.

Textured White

Standard Colours Textured Black

Matt Titan

Product Information

Tuscan 89's opal diffuser provides a soft lit appearance, while providing uniform illumination, ensuring a consistent light distribution. Incorporating a removable gear tray ensures Tuscan 89 is quick and easy to maintain, whilst enabling sustainable technology upgrades.

Community and Public applications include subways, car parks, and the perimeter of buildings. Custodial applications include police stations, law courts and association areas. Transport applications include covered platforms, general circulation, back of house, stairs and footbridges.

This luminaire is designed for longevity and sustainability and adheres to our circular design principles. We conduct a circular economy assessment using $\underline{TM66}$ and measure embodied carbon (kgCO e) in accordance with $\underline{TM65.2}$.

Impact Resistance Rating: IK16 (150J). What is IK Rating?

Ingress Protection Rating: IP65. What is IP Rating? Housing: Zinc coated steel body.

Paint: Polyester powder coat. <u>All Colour Options</u> <u>Available Here.</u>

Diffuser: Opal polycarbonate diffuser in frame secured with tamperproof screws.

Driver: Electronic control gear on removable tray for ease of repair/upgrade with fused plug & socket connector block.

Mounting: Wall or ceiling.

Cable Entry: Provision for conduit entry in back and ends.

Design Life: 30+ years. What is Design Life?

Technical Information

Tuscan89	Output (Lum/Im)	Load (W)	Efficacy (Im/W)	ССТ (К)
L650mm				
D890-2-2000N-X-TB	1749	18.6	94	4000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	4.3	CRI>80		L ₇₀ B10>110,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/Im)	Nightlight Output (Lum/lm)
	100,000	с	457	
	Dimensions			
	150mm x 80mm			
D890-2-2500N-X-TB	2109	22.8	93	4000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	4.3	CRI>80	-	L ₇₀ B10>110,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/Im)	Nightlight Output (Lum/lm)
	100,000	с	457	-
	Dimensions			
	150mm x 80mm			
D890-2-3000N-X-TB	2376	26	91	4000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	4.3	CRI>80	-	L ₇₀ B10>110,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/Im)	Nightlight Output (Lum/Im)
	100,000	с	457	
	Dimensions			
	150mm x 80mm			
D890-2-2000W-X-TB	1662	18.6	89	3000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	4.3	CRI>80		L ₇ 0B10>100,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/Im)	Nightlight Output (Lum/Im)
	100,000	D	434	
	Dimensions			
	150mm x 80mm			
D890-2-2500W-X-TB	2004	22.8	88	3000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	4.3	CRI>80		L ₇₀ B10>100,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/Im)	Nightlight Output (Lum/Im)
	100,000	D	434	
	Dimensions			
	150mm x 80mm			

Tuscan89	Output (Lum/Im)	Load (W)	Efficacy (Im/W)	ССТ (К)
L650mm				
D890-2-3000W-X-TB	2257	26	87	3000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	4.3	CRI>80		L _{7 0} B _{1 0} >100,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/Im)	Nightlight Output (Lum/Im)
	100,000	D	434	
	Dimensions			
	150mm x 80mm			
L1250mm				
D890-4-2000N-X-TB	2220	21	105	4000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	7.9	CRI>80	50	L ₇₀ B ₁₀ >110,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/Im)	Nightlight Output (Lum/Im)
	100,000	с	576	-
	Dimensions			
	150mm x 80mm			
D890-4-3000N-X-TB	2863	27.5	104	4000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	7.9	CRI>80	50	L _{7 0} B _{1 0} >110,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/Im)	Nightlight Output (Lum/Im)
	100,000	с	576	
	Dimensions			
	450 00			
	150mm x 80mm			
D890-4-4000N-X-TB	3382	34.5	98	4000
D890-4-4000N-X-TB	3382 Weight (kg)	CRI	High Temp (°C)	LED Lifetime
D890-4-4000N-X-TB	3382 Weight (kg) 7.9	CRI CRI>80	High Temp (°C) 50	LED Lifetime L _{7 6} B10>110,000h
D890-4-4000N-X-TB	3382 Weight (kg) 7.9 Driver lifetime (up to hours)	CRI CRI>80 LED Energy Rating	High Temp (°C) 50 Emergency Output (Lum/Im)	LED Lifetime L 7 + B 1 +> 110 , 000h Nightlight Output (Lum/Im)
D890-4-4000N-X-TB	3382 Weight (kg) 7.9 Driver lifetime (up to hours) 100,000	CRI CRI>80	High Temp (°C) 50	LED Lifetime L _{7 6} B1 e>110,000h
D890-4-4000N-X-TB	3382 Weight (kg) 7.9 Driver lifetime (up to hours) 100.000 Dimensions	CRI CRI>80 LED Energy Rating	High Temp (°C) 50 Emergency Output (Lum/Im)	LED Lifetime L 7 o B 1 o > 110 , 000h Nightlight Output (Lum/Im)
	3382 Weight (kg) 7.9 Driver lifetime (up to hours) 100,000 Dimensions 150mm x 80mm	CRI CRI>80 LED Energy Rating C	High Temp (°C) 50 Emergency Output (Lum/Im) 576	LED Lifetime L 7 & B 1 & > 110 ,000h Nightlight Output (Lum/Im)
D890-4-4000N-X-TB	3382 Weight (kg) 7.9 Driver lifetime (up to hours) 10.000 Dimensions 150mm x 80mm 4021	CRI CRI>80 LED Energy Rating C	High Temp (°C) 50 Emergency Output (Lum/Im) 576 95	LED Lifetime L_7+B1+>110,000h Nightlight Output (Lum/Im) - 4000
	3382 Weight (kg) 7.9 Driver lifetime (up to hours) 100,000 Dimensions 150mm x 80mm	CRI CRI>80 LED Energy Rating C	High Temp (°C) 50 Emergency Output (Lum/Im) 576	LED Lifetime L 7 & B 1 & > 110 ,000h Nightlight Output (Lum/Im)
	3382 Weight (kg) 7.9 Driver lifetime (up to hours) 100,000 Dimensions 150mm x 80mm 4021 Weight (kg)	CRI CRI>80 LED Energy Rating C 42.1 CRI	High Temp (°C) 50 Emergency Output (Lum/Im) 576 95 High Temp (°C)	LED Lifetime L 7 & B 1 & > 110 , 000h Nightlight Output (Lum/Im) - 4000 LED Lifetime
	3382 Weight (kg) 7.9 Driver lifetime (up to hours) 100.000 Dimensions 150mm x 80mm 4021 Weight (kg) 7.9	CRI CRI>80 LED Energy Rating C 42.1 CRI CRI>80 CRI 80 CRI	High Temp (°C) 50 Emergency Output (Lum/Im) 576 95 High Temp (°C) 50	LED Lifetime L: 7 + B: 10,000h Nightlight Output (Lum/Im) - 4000 LED Lifetime L: 7 + B: 10,000h
	3382 Weight (kg) 7.9 Driver lifetime (up to hours) 100,000 Dimensions 150mm x 80mm 4021 Weight (kg) 7.9 Driver lifetime (up to hours)	CRI CRI>80 LED Energy Rating C 42.1 CRI CRI>80 LED Energy Rating CRI>80 CRI 80 CRI 80 CRI 80	High Temp (°C) 50 Emergency Output (Lum/Im) 576 95 High Temp (°C) 50 Emergency Output (Lum/Im)	LED Lifetime L:reB: e>110,000h Nightlight Output (Lum/Im) - 4000 L:reB: e>110,000h L:reB: e>110,000h Nightlight Output (Lum/Im)
	3382 Weight (kg) 7.9 Driver lifetime (up to hours) 100.000 Dimensions 150mm x 80mm 4021 Weight (kg) 7.9 Driver lifetime (up to hours) 10.000	CRI CRI>80 LED Energy Rating C 42.1 CRI CRI>80 LED Energy Rating CRI>80 CRI 80 CRI 80 CRI 80	High Temp (°C) 50 Emergency Output (Lum/Im) 576 95 High Temp (°C) 50 Emergency Output (Lum/Im)	LED Lifetime L: a B: a > 110,000h Nightlight Output (Lum/Im) - 4000 LED Lifetime L: a B: a > 110,000h Nightlight Output (Lum/Im)

Tuscan89	Output (Lum/Im)	Load (W)	Efficacy (lm/W)	сст (к)
L1250mm				
D890-4-6000N-X-TB	4546	49	93	4000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	7.9	CRI>80	50	L ₇₀ B ₁₀ >110,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/Im)	Nightlight Output (Lum/Im)
	100,000	с	576	-
	Dimensions			
	150mm x 80mm			
D890-4-2000W-X-TB	2109	21	100	3000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	7.9	CRI>80	50	L ₇₀ B10>100,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/Im)	Nightlight Output (Lum/Im)
	100,000	D	547	
	Dimensions			
	150mm x 80mm			
D890-4-3000W-X-TB	2720	27.5	99	3000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	7.9	CRI>80	50	L ₇₀ B ₁₀ >100,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/Im)	Nightlight Output (Lum/Im)
	100,000	D	547	
	Dimensions			
	150mm x 80mm			
D890-4-4000W-X-TB	3213	34.5	93	3000
D890-4-4000W-X-TB		34.5 CRI	93 High Temp (°C)	3000 LED Lifetime
D890-4-4000W-X-TB	3213			
D890-4-4000W-X-TB	3213 Weight (kg)	CRI	High Temp (°C) 50 Emergency Output (Lum/Im)	LED Lifetime
D890-4-4000W-X-TB	3213 Weight (kg) 7.9	CRI CRI>80	High Temp (°C) 50	LED Lifetime L7+81+>100,000h
D890-4-4000W-X-TB	3213 Weight (kg) 7.9 Driver lifetime (up to hours) 100,000 Dimensions	CRI CRI>80 LED Energy Rating	High Temp (°C) 50 Emergency Output (Lum/Im)	LED Lifetime L7+81+>100,000h Nightlight Output (Lum/Im)
	3213 Weight (kg) 7.9 Driver lifetime (up to hours) 100,000	CRI CRI>80 LED Energy Rating	High Temp (°C) 50 Emergency Output (Lum/Im)	LED Lifetime L7+81+>100,000h Nightlight Output (Lum/Im)
D890-4-4000W-X-TB	3213 Weight (kg) 7.9 Driver lifetime (up to hours) 100.000 Dimensions 150mm x 80mm 3820	CRI CRI>80 LED Energy Rating D	High Temp (°C) 50 Emergency Output (Lum/Im) 547 91	LED Lifetime L7+B1+>100,000h Nightlight Output (Lum/Im) - 3000
	3213 Weight (kg) 7.9 Driver lifetime (up to hours) 100,000 Dimensions 150mm x 80mm 3820 Weight (kg)	CRI CRI≻80 D D 42.1 CRI	High Temp (°C) 50 Emergency Output (Lum/Im) 547 91 High Temp (°C)	LED Lifetime L₂∗Bı₀>100,000h Nightlight Output (Lun/Im)
	3213 Weight (kg) 7.9 Driver lifetime (up to hours) 100.000 Dimensions 150mm x 80mm 3820 Weight (kg) 7.9	CRI CRI>80 LED Energy Rating D 42.1 CRI CRI>80	High Temp (°C) 50 Emergency Output (Lum/Im) 547 91 High Temp (°C) 50	LED Lifetime L₂∗B1∗>100,000h Nightlight Output (Lun/Im) 3000 LED Lifetime L₂*B1∗>100,000h
	3213 Weight (kg) 7.9 Driver lifetime (up to hours) 100,000 Dimensions 150mm x 80mm 3820 Weight (kg) 7.9 Diver lifetime (up to hours)	CRI CRI>80 LED Energy Rating D 42.1 CRI CRI>80 LED Energy Rating	High Temp (°C) 50 Emergency Output (Lum/Im) 547 91 High Temp (°C) 50 Emergency Output (Lum/Im)	LED Lifetime L₂ + B1 +> 100 , 000h Nightlight Output (Lun/Im) - 3000 LED Lifetime L₂ + B1 +> 100 , 000h Nightlight Output (Lun/Im)
	3213 Weight (kg) 7.9 Driver lifetime (up to hours) 100.000 Dimensions 150mm x 80mm 3820 Weight (kg) 7.9 Driver lifetime (up to hours) 100.000 100.000	CRI CRI>80 LED Energy Rating D 42.1 CRI CRI>80	High Temp (°C) 50 Emergency Output (Lum/Im) 547 91 High Temp (°C) 50	LED Lifetime L₂∗B1₀>100,000h Nightlight Output (Lun/Im) 3000 LED Lifetime L₂∗B1₀>100,000h
	3213 Weight (kg) 7.9 Driver lifetime (up to hours) 100,000 Dimensions 150mm x 80mm 3820 Weight (kg) 7.9 Diver lifetime (up to hours)	CRI CRI>80 LED Energy Rating D 42.1 CRI CRI>80 LED Energy Rating	High Temp (°C) 50 Emergency Output (Lum/Im) 547 91 High Temp (°C) 50 Emergency Output (Lum/Im)	LED Lifetime L7+81+>100,000h Nightlight Output (Lum/Im) - 3000 LED Lifetime L7+81+>100,000h Nightlight Output (Lum/Im)

Tuscan89	Output (Lum/Im)	Load (W)	Efficacy (Im/W)	ССТ (К)
L1250mm				
D890-4-6000W-X-TB	4319	49	88	3000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	7.9	CRI>80	50	L ₇₀ B10>100,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/Im)	Nightlight Output (Lum/Im)
	100,000	D	547	-
	Dimensions			
	150mm x 80mm			
L1550mm				
D890-5-2500N-X-TB	2720	25.7	106	4000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	9.8	CRI>80		L ₇₀ B ₁₀ >110,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/Im)	Nightlight Output (Lum/Im)
	100,000	с	612	-
	Dimensions			
	150mm x 80mm			
D890-5-3750N-X-TB	3503	34.1	103	4000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	9.8	CRI>80		L ₇₀ B ₁₀ >110,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/Im)	Nightlight Output (Lum/Im)
	100,000	с	612	-
	Dimensions			
	150mm x 80mm			
D890-5-5000N-X-TB	4667	47	99	4000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	9.8	CRI>80		L ₇₀ B ₁₀ >110,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/Im)	Nightlight Output (Lum/Im)
	100,000	с	612	-
	Dimensions			
	150mm x 80mm			
D890-5-6250N-X-TB	5067	52.2	97	4000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	9.8	CRI>80		L ₇₆ B ₁₈ >110,000h
	9.8 Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/Im)	Nightlight Output (Lum/lm)
	9.8 Driver lifetime (up to hours) 100,000			
	9.8 Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/Im)	Nightlight Output (Lum/Im)

Tuscan89	Output (Lum/Im)	Load (W)	Efficacy (lm/W)	сст (К)
L1550mm				
D890-5-7500N-X-TB	5720	61.3	93	4000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	9.8	CRI>80		L ₇ ₈ B ₁ ₈ >110,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/Im)	Nightlight Output (Lum/Im)
	100,000	с	612	-
	Dimensions			
	150mm x 80mm			
D890-5-2500W-X-TB	2584	25.7	101	3000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	9.8	CRI>80	-	L _{7 0} B _{1 0} >100,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/Im)	Nightlight Output (Lum/Im)
	100,000	D	581	
	Dimensions			
	150mm x 80mm			
D890-5-3750W-X-TB	3328	34.1	98	3000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	9.8	CRI>80		L ₇₀ B10>100,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/Im)	Nightlight Output (Lum/Im)
	100,000	D	581	
	Dimensions			
	150mm x 80mm			
D890-5-5000W-X-TB	4434	47	94	3000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	9.8	CRI>80		L ₇ 0 B 1 0>100,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/Im)	Nightlight Output (Lum/Im)
	100,000	D	581	
	Dimensions			
	150mm x 80mm			
D890-5-6250W-X-TB	4814	52.2	92	3000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	9.8	CRI>80		L ₇ 0B10>100,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/Im)	Nightlight Output (Lum/Im)
	100,000	D	581	-
	Dimensions			

Tuscan89	Output (Lum/Im)	Load (W)	Efficacy (lm/W)	сст (к)
L1550mm				
D890-5-7500W-X-TB	5434	61.3	89	3000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	9.8	CRI>80	-	L ₇ eB ₁ e>100,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/Im)	Nightlight Output (Lum/lm)
	100,000	D	581	-
	Dimensions			
	150mm x 80mm			

Fitting Options

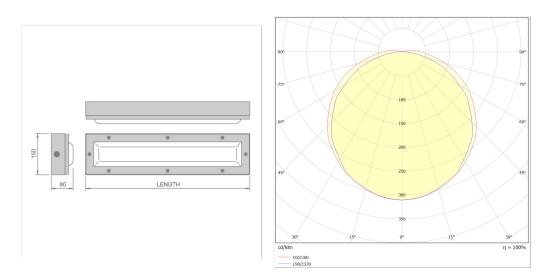
Anti-Graffiti Diffuser Coating	-AG
Coastal Paint Finish (Zone 2)	-Z2
Network Rail Specs	-NT
Blank Ends	-BE
Fully Recessed	-R
DALI-2 Dimming / Monitoring	-DA
- Switch Dimming	-DI
- Maintained Emergency 3 Hour, Self Test	-ES
Change Over Relay, 240V Relay Supplied	-ER
Central Battery Maintained 110V	-EV
- Maintained Emergency 3 Hour, DALI	-ED
Maintained Emergency 3 Hour	-E3
Textured Black	-TB
Textured White	-TW
- Matt Titanium	-MT
Corridor Function	-CF

• For paint colour options, please replace -TB with required paint code.

• HT Applies to standard version. For any options (e.g.-E3), please contact technical sales on +44 (0)20 8254 2022 or email technical@designplan.co.uk.

• -CF option will only work if combined with an external presence detection sensor supplied by others.

• -ED not available on all 650mm versions.



Tel: 020 8254 2000 | Fax: 020 8644 4253 | Email: sales@designplan.co.uk | Web: designplan.co.uk Designplan Lighting Ltd. 16 Kimpton Park Way, Sutton, Surrey, United Kingdom, SM3 9QS | Registered in England No. 784246