Tuscan 89 S12

IP65 | IK08 (5J) | Linear | Class I | Recessed | Surface | TM65/66

Transport

Tuscan 89 S12 is a vandal resistant luminaire specifically designed in accordance with fire precautions for subsurface rail stations (Section 12).

Standard Colours

Textured Black | Pure White | Textured White | Smooth White

Product Information

Tuscan 89 S12's uniform illumination ensures a consistent light distribution, enhancing visibility and reducing glare. Incorporating a removable gear tray ensures Tuscan 89 S12 is quick and easy to maintain, whilst enabling sustainable technology upgrades.

Tuscan 89 S12 complies with London Underground subsurface standard S1085 utilising low smoke, zero halogen cables and control gear.

Applications include general circulation areas, back of house, ticket halls and subways.

This luminaire is designed for longevity and sustainability and adheres to our circular design principles. We conduct a circular economy assessment using TM66 and measure embodied carbon ($kgCO_2e$) in accordance with TM65.2.

Impact Resistance Rating: IK08 (5J). What is IK Rating?

Ingress Protection Rating: IP65. What is IP Rating?

Housing: Zinc coated steel body.

Paint: Polyester powder coat. All Colour Options Available Here.

Diffuser: Frosted toughened glass 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: Surface, ceiling

Cable Entry: N/A (Blank body)

Transport For London: PIR Reference PIR-2565

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

Technical Information

Tuscan89S12	Output (Lum/lm)	Load (W)	Efficacy (lm/W)	CCT (K)
L650mm				
D890-2-1500N-F-TB-ST	1507	15.6	97	4000
	Weight (kg)	**CRI**	**High Temp (°C)**	**LED Lifetime**
	5.2	CRI>80	-	$L_{80}B_{10}$>102,000h
	Driver lifetime (up to hours)	**LED Energy Rating**	**Emergency Output (Lum/lm)**	**Nightlight Output (Lum/lm)**
	100,000	B	-	-
	Dimensions			
	150mm x 83mm			
D890-2-2000N-F-TB-ST	1750	17.5	100	4000
	Weight (kg)	**CRI**	**High Temp (°C)**	**LED Lifetime**
	5.2	CRI>80	-	$L_{80}B_{10}$>102,000h
	Driver lifetime (up to hours)	**LED Energy Rating**	**Emergency Output (Lum/lm)**	**Nightlight Output (Lum/lm)**
	100,000	B	-	-
	Dimensions			
	150mm x 83mm			
D890-2-2500N-F-TB-ST	1934	20.1	96	4000
	Weight (kg)	**CRI**	**High Temp (°C)**	**LED Lifetime**
	5.2	CRI>80	-	$L_{80}B_{10}$>102,000h
	Driver lifetime (up to hours)	**LED Energy Rating**	**Emergency Output (Lum/lm)**	**Nightlight Output (Lum/lm)**
	100,000	B	-	-
	Dimensions			
	150mm x 83mm			
D890-2-3000N-F-TB-ST	2282	22.5	101	4000
	Weight (kg)	**CRI**	**High Temp (°C)**	**LED Lifetime**
	5.2	CRI>80	-	$L_{80}B_{10}$>102,000h
	Driver lifetime (up to hours)	**LED Energy Rating**	**Emergency Output (Lum/lm)**	**Nightlight Output (Lum/lm)**
	100,000	B	-	-
	Dimensions			
	150mm x 83mm			
D890-2-1500W-F-TB-ST	1432	15.6	92	3000
	Weight (kg)	**CRI**	**High Temp (°C)**	**LED Lifetime**
	5.2	CRI>80	-	$L_{80}B_{10}$>102,000h
	Driver lifetime (up to hours)	**LED Energy Rating**	**Emergency Output (Lum/lm)**	**Nightlight Output (Lum/lm)**
	100,000	C	-	-
	Dimensions			
	150mm x 83mm			

Tuscan89S12	Output (Lum/lm)	Load (W)	Efficacy (lm/W)	CCT (K)
L650mm				
D890-2-2000W-F-TB-ST	1663	17.5	95	3000
	Weight (kg)	**CRI**	**High Temp (°C)**	**LED Lifetime**
	5.2	CRI>80	-	$L_{80}B_{10}$>102,000h
	Driver lifetime (up to hours)	**LED Energy Rating**	**Emergency Output (Lum/lm)**	**Nightlight Output (Lum/lm)**
	100,000	C	-	-
	Dimensions			
	150mm x 83mm			
D890-2-2500W-F-TB-ST	1837	20.1	91	3000
	Weight (kg)	**CRI**	**High Temp (°C)**	**LED Lifetime**
	5.2	CRI>80	-	$L_{80}B_{10}$>102,000h
	Driver lifetime (up to hours)	**LED Energy Rating**	**Emergency Output (Lum/lm)**	**Nightlight Output (Lum/lm)**
	100,000	C	-	-
	Dimensions			
	150mm x 83mm			
D890-2-3000W-F-TB-ST	2168	22.5	96	3000
	Weight (kg)	**CRI**	**High Temp (°C)**	**LED Lifetime**
	5.2	CRI>80	-	$L_{80}B_{10}$>102,000h
	Driver lifetime (up to hours)	**LED Energy Rating**	**Emergency Output (Lum/lm)**	**Nightlight Output (Lum/lm)**
	100,000	C	-	-
	Dimensions			
	150mm x 83mm			
L1250mm				
D890-4-2000N-F-TB-ST	2018	20.3	99	4000
	Weight (kg)	**CRI**	**High Temp (°C)**	**LED Lifetime**
	9.2	CRI>80	-	$L_{80}B_{10}$>102,000h
	Driver lifetime (up to hours)	**LED Energy Rating**	**Emergency Output (Lum/lm)**	**Nightlight Output (Lum/lm)**
	100,000	B	550	-
	Dimensions			
	150mm x 83mm			
D890-4-3000N-F-TB-ST	2485	24.8	100	4000
	Weight (kg)	**CRI**	**High Temp (°C)**	**LED Lifetime**
	9.2	CRI>80	-	$L_{80}B_{10}$>102,000h
	Driver lifetime (up to hours)	**LED Energy Rating**	**Emergency Output (Lum/lm)**	**Nightlight Output (Lum/lm)**
	100,000	B	550	-
	Dimensions			
	150mm x 83mm			

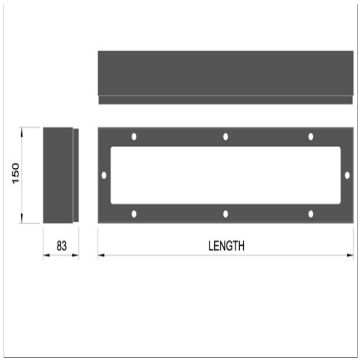
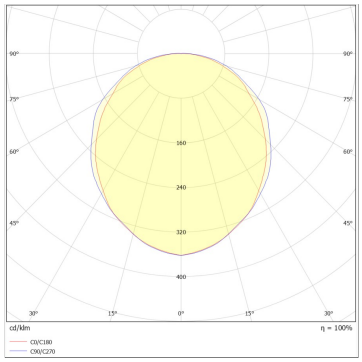
Tuscan89S12	Output (Lum/lm)	Load (W)	Efficacy (lm/W)	CCT (K)
L1250mm				
D890-4-4000N-F-TB-ST	2964	30.1	98	4000
	Weight (kg)	**CRI**	**High Temp (°C)**	**LED Lifetime**
	9.2	CRI>80	-	$L_{80}B_{10}$>102,000h
	Driver lifetime (up to hours)	**LED Energy Rating**	**Emergency Output (Lum/lm)**	**Nightlight Output (Lum/lm)**
	100,000	B	550	-
	Dimensions			
	150mm x 83mm			
D890-4-5000N-F-TB-ST	3709	37.1	100	4000
	Weight (kg)	**CRI**	**High Temp (°C)**	**LED Lifetime**
	9.2	CRI>80	-	$L_{80}B_{10}$>102,000h
	Driver lifetime (up to hours)	**LED Energy Rating**	**Emergency Output (Lum/lm)**	**Nightlight Output (Lum/lm)**
	100,000	B	550	-
	Dimensions			
	150mm x 83mm			
D890-4-6000N-F-TB-ST	3813	39.5	97	4000
	Weight (kg)	**CRI**	**High Temp (°C)**	**LED Lifetime**
	9.2	CRI>80	-	$L_{80}B_{10}$>102,000h
	Driver lifetime (up to hours)	**LED Energy Rating**	**Emergency Output (Lum/lm)**	**Nightlight Output (Lum/lm)**
	100,000	B	550	-
	Dimensions			
	150mm x 83mm			
D890-4-2000W-F-TB-ST	1917	20.3	94	3000
	Weight (kg)	**CRI**	**High Temp (°C)**	**LED Lifetime**
	9.2	CRI>80	-	$L_{80}B_{10}$>102,000h
	Driver lifetime (up to hours)	**LED Energy Rating**	**Emergency Output (Lum/lm)**	**Nightlight Output (Lum/lm)**
	100,000	C	522	-
	Dimensions			
	150mm x 83mm			
D890-4-3000W-F-TB-ST	2361	24.8	95	3000
	Weight (kg)	**CRI**	**High Temp (°C)**	**LED Lifetime**
	9.2	CRI>80	-	$L_{80}B_{10}$>102,000h
	Driver lifetime (up to hours)	**LED Energy Rating**	**Emergency Output (Lum/lm)**	**Nightlight Output (Lum/lm)**
	100,000	C	522	-
	Dimensions			
	150mm x 83mm			

Tuscan89S12	Output (Lum/lm)	Load (W)	Efficacy (lm/W)	CCT (K)
L1250mm				
D890-4-4000W-F-TB-ST	2816	30.1	94	3000
	Weight (kg)	**CRI**	**High Temp (°C)**	**LED Lifetime**
	9.2	CRI>80	-	$L_{80}B_{10}$>102,000h
	Driver lifetime (up to hours)	**LED Energy Rating**	**Emergency Output (Lum/lm)**	**Nightlight Output (Lum/lm)**
	100,000	C	522	-
	Dimensions			
	150mm x 83mm			
D890-4-5000W-F-TB-ST	3524	37.1	95	3000
	Weight (kg)	**CRI**	**High Temp (°C)**	**LED Lifetime**
	9.2	CRI>80	-	$L_{80}B_{10}$>102,000h
	Driver lifetime (up to hours)	**LED Energy Rating**	**Emergency Output (Lum/lm)**	**Nightlight Output (Lum/lm)**
	100,000	C	522	-
	Dimensions			
	150mm x 83mm			
D890-4-6000W-F-TB-ST	3622	39.5	92	3000
	Weight (kg)	**CRI**	**High Temp (°C)**	**LED Lifetime**
	9.2	CRI>80	-	$L_{80}B_{10}$>102,000h
	Driver lifetime (up to hours)	**LED Energy Rating**	**Emergency Output (Lum/lm)**	**Nightlight Output (Lum/lm)**
	100,000	C	522	-
	Dimensions			
	150mm x 83mm			
L1550mm				
D890-5-2500N-F-TB-ST	2669	24.3	110	4000
	Weight (kg)	**CRI**	**High Temp (°C)**	**LED Lifetime**
	11	CRI>80	-	$L_{80}B_{10}$>102,000h
	Driver lifetime (up to hours)	**LED Energy Rating**	**Emergency Output (Lum/lm)**	**Nightlight Output (Lum/lm)**
	100,000	B	570	-
	Dimensions			
	150mm x 83mm			
D890-5-3750N-F-TB-ST	3387	30.1	113	4000
	Weight (kg)	**CRI**	**High Temp (°C)**	**LED Lifetime**
	11	CRI>80	-	$L_{80}B_{10}$>102,000h
	Driver lifetime (up to hours)	**LED Energy Rating**	**Emergency Output (Lum/lm)**	**Nightlight Output (Lum/lm)**
	100,000	B	570	-
	Dimensions			
	150mm x 83mm			

Tuscan89S12	Output (Lum/lm)	Load (W)	Efficacy (lm/W)	CCT (K)
L1550mm				
D890-5-5000N-F-TB-ST	4027	36.4	111	4000
	Weight (kg)	**CRI**	**High Temp (°C)**	**LED Lifetime**
	11	CRI>80	-	$L_{80}B_{10}$>102,000h
	Driver lifetime (up to hours)	**LED Energy Rating**	**Emergency Output (Lum/lm)**	**Nightlight Output (Lum/lm)**
	100,000	B	570	-
	Dimensions			
	150mm x 83mm			
D890-5-6250N-F-TB-ST	4666	42.2	111	4000
	Weight (kg)	**CRI**	**High Temp (°C)**	**LED Lifetime**
	11	CRI>80	-	$L_{80}B_{10}$>102,000h
	Driver lifetime (up to hours)	**LED Energy Rating**	**Emergency Output (Lum/lm)**	**Nightlight Output (Lum/lm)**
	100,000	B	570	-
	Dimensions			
	150mm x 83mm			
D890-5-7500N-F-TB-ST	5288	48.5	109	4000
	Weight (kg)	**CRI**	**High Temp (°C)**	**LED Lifetime**
	11	CRI>80	-	$L_{80}B_{10}$>102,000h
	Driver lifetime (up to hours)	**LED Energy Rating**	**Emergency Output (Lum/lm)**	**Nightlight Output (Lum/lm)**
	100,000	B	570	-
	Dimensions			
	150mm x 83mm			
D890-5-2500W-F-TB-ST	2536	24.3	104	3000
	Weight (kg)	**CRI**	**High Temp (°C)**	**LED Lifetime**
	11	CRI>80	-	$L_{80}B_{10}$>102,000h
	Driver lifetime (up to hours)	**LED Energy Rating**	**Emergency Output (Lum/lm)**	**Nightlight Output (Lum/lm)**
	100,000	C	541	-
	Dimensions			
	150mm x 83mm			
D890-5-3750W-F-TB-ST	3218	30.1	107	3000
	Weight (kg)	**CRI**	**High Temp (°C)**	**LED Lifetime**
	11	CRI>80	-	$L_{80}B_{10}$>102,000h
	Driver lifetime (up to hours)	**LED Energy Rating**	**Emergency Output (Lum/lm)**	**Nightlight Output (Lum/lm)**
	100,000	C	541	-
	Dimensions			
	150mm x 83mm			

Tuscan89S12	Output (Lum/lm)	Load (W)	Efficacy (lm/W)	CCT (K)
L1550mm				
D890-5-5000W-F-TB-ST	3826	36.4	105	3000
	Weight (kg)	**CRI**	**High Temp (°C)**	**LED Lifetime**
	11	CRI>80	-	$L_{80}B_{10}$>102,000h
	Driver lifetime (up to hours)	**LED Energy Rating**	**Emergency Output (Lum/lm)**	**Nightlight Output (Lum/lm)**
	100,000	C	541	-
	Dimensions			
	150mm x 83mm			
D890-5-6250W-F-TB-ST	4433	42.2	105	3000
	Weight (kg)	**CRI**	**High Temp (°C)**	**LED Lifetime**
	11	CRI>80	-	$L_{80}B_{10}$>102,000h
	Driver lifetime (up to hours)	**LED Energy Rating**	**Emergency Output (Lum/lm)**	**Nightlight Output (Lum/lm)**
	100,000	C	541	-
	Dimensions			
	150mm x 83mm			
D890-5-7500W-F-TB-ST	5024	48.5	104	3000
	Weight (kg)	**CRI**	**High Temp (°C)**	**LED Lifetime**
	11	CRI>80	-	$L_{80}B_{10}$>102,000h
	Driver lifetime (up to hours)	**LED Energy Rating**	**Emergency Output (Lum/lm)**	**Nightlight Output (Lum/lm)**
	100,000	C	541	-
	Dimensions			
	150mm x 83mm			

Fitting Options

Coastal Paint Finish (Zone 2)	-Z2
Fully Recessed	-R
External Fixing Bracket	-BR
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
Pure White	-PW
Textured White	-TW
Smooth White	-SW
Switch Dimming	-DI
DALI-2 Dimming / Monitoring	-DA

- For paint colour options, please replace -TB with required paint code.
- -E3 / -ES / -ED not available on 650mm versions.