

Product Information

DL86's uniform light distribution reduces glare and provides focused illumination for specific areas or objects. Incorporating a removable gear tray ensures DL86 is quick and easy to maintain, whilst enabling sustainable technology upgrades.

Transport applications include circulation spaces, ticket areas and waiting rooms. Community and public applications include the interior communal spaces of buildings. Secure Health applications include bedrooms and en-suites.

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

Impact Resistance Rating: IK11 (50J). <u>Learn More</u>. Ingress Protection Rating: IP65 (from below only). Learn More.

Housing: Die-cast aluminium body.

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

Diffuser: Clear polycarbonate diffuser. **Driver:** Remote DALI driver as standard.

Mounting: Ceiling, recessed.

Cable Entry: Provision for cable entry in remote

driver.

Design Life: 30+ years. Learn More.

Technical Information

DL86	Output (Lum/lm)	Load (W)	Efficacy (lm/W)	сст (к)
Medium Beam				
DL86-G1-750WM-MW-DA	754	7.4	102	3000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	0.6	CRI>80	40	LsoB1o>33,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	D	278	-
	Dimensions			
	Ø102mm, 91mm			
DL86-G1-950WM-MW-DA	973	9.3	105	3000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	0.6	CRI>80	40	LseB1e>33,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/Im)	Nightlight Output (Lum/lm)
	100,000	D	278	-
	Dimensions			
	Ø102mm, 91mm			
DL86-G1-1150WM-MW-DA	1175	11	106	3000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	0.6	CRI>80	40	L ₈₀ B ₁₀ >33,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	D	278	-
	Dimensions			
	Ø102mm, 91mm			
DL86-G1-750NM-MW-DA	Ø102mm,91mm	7.4	106	4000
DL86-G1-750NM-MW-DA		7.4 CRI	106 High Temp (°C)	4000 LED Lifetime
DL86-G1-750NM-MW-DA	783			
DL86-G1-750NM-MW-DA	783 Weight (kg)	CRI	High Temp (°C)	LED Lifetime
DL86-G1-750NM-MW-DA	783 Weight (kg) 0.6	CRI CRI>80	High Temp (°C)	LED Lifetime
DL86-G1-750NM-MW-DA	783 Weight (kg) 0.6 Driver lifetime (up to hours)	CRI CRI>80 LED Energy Rating	High Temp (°C) 40 Emergency Output (Lum/Im)	LED Lifetime
DL86-G1-750NM-MW-DA	783 Weight (kg) 0.6 Driver lifetime (up to hours) 100,000	CRI CRI>80 LED Energy Rating	High Temp (°C) 40 Emergency Output (Lum/Im)	LED Lifetime
DL86-G1-750NM-MW-DA DL86-G1-1000NM-MW-DA	783 Weight (kg) 0.6 Driver lifetime (up to hours) 100,000 Dimensions	CRI CRI>80 LED Energy Rating	High Temp (°C) 40 Emergency Output (Lum/Im)	LED Lifetime
	783 Weight (kg) 0.6 Driver lifetime (up to hours) 100,000 Dimensions Ø102mm, 91mm	CRI >80 LED Energy Rating D	High Temp (°C) 40 Emergency Output (Lum/Im) 293	LED Lifetime L++81+>>33,000h Nightlight Output (Lum/lm)
	783 Weight (kg) 0.6 Driver lifetime (up to hours) 100,000 Dimensions Ø102mm, 91mm	CRI CRI-80 LED Energy Rating D 9.3	High Temp (°C) 40 Emergency Output (Lum/Im) 293	LED Lifetime Leo B1 e>33,000h Nightlight Output (Lum/im) -
	783 Weight (kg) 0.6 Driver lifetime (up to hours) 100,000 Dimensions Ø102mm, 91mm 1012 Weight (kg)	CRI CRI-80 LED Energy Rating D 9.3 CRI	High Temp (°C) 40 Emergency Output (Lum/Im) 293 109 High Temp (°C)	LED Lifetime L++ B1+> 33, 800h Nightlight Output (Lum/lm) - 4000 LED Lifetime
	783 Weight (kg) 0.6 Driver lifetime (up to hours) 100,000 Dimensions Ø102mm, 91mm 1012 Weight (kg) 0.6	CRI CRI>80 LED Energy Rating D 9.3 CRI CRI>80	High Temp (°C) 40 Emergency Output (Lum/Im) 293 109 High Temp (°C) 40	LED Lifetime L**0*B**0*>33,000h Nightlight Output (Lum/im) - 4000 LED Lifetime L**0*B**0*>33,000h
	783 Weight (kg) 0.6 Driver lifetime (up to hours) 100,000 Dimensions Ø102mm, 91mm 1012 Weight (kg) 0.6 Driver lifetime (up to hours)	CRI CRI-80 LED Energy Rating D 9.3 CRI CRI-80 LED Energy Rating	High Temp (°C) 40 Emergency Output (Lum/Im) 293 109 High Temp (°C) 40 Emergency Output (Lum/Im)	LED Lifetime L**0*B1*>>33,000h Nightlight Output (Lum/lm)

DL86	Output (Lum/lm)	Load (W)	Efficacy (lm/W)	сст (к)
Medium Beam				
DL86-G1-1200NM-MW-DA	1201	11	109	4000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	0.6	CRI>80	40	L ₈₀ B ₁₀ >33,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	D	293	-
	Dimensions			
	Ø102mm, 91mm			
Wide Beam				
DL86-G1-750WW-MW-DA	765	7.4	103	3000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	0.6	CRI>80	40	L & 0 B 1 0 > 33,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/Im)	Nightlight Output (Lum/lm)
	100,000	D	278	-
	Dimensions			
	Ø102mm, 91mm			
DL86-G1-950WW-MW-DA	989	9.3	106	3000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	Weight (kg) 0.6	CRI CRI>80	High Temp (°C)	LED Lifetime
	0.6	CRI>80	40	LsoB1o>33,000h
	0.6 Driver lifetime (up to hours)	CRI>80 LED Energy Rating	40 Emergency Output (Lum/lm)	Ls o B1 o>33,000h
	0.6 Driver lifetime (up to hours) 100,000	CRI>80 LED Energy Rating	40 Emergency Output (Lum/lm)	Ls o B1 o>33,000h
DL86-G1-1150WW-MW-DA	0.6 Driver lifetime (up to hours) 100,000 Dimensions	CRI>80 LED Energy Rating	40 Emergency Output (Lum/lm)	Ls o B1 o>33,000h
DL86-G1-1150WW-MW-DA	0.6 Driver lifetime (up to hours) 100,000 Dimensions Ø102mm, 91mm	CRI>80 LED Energy Rating	40 Emergency Output (Lum/lm) 278	L = 0B : 0>33,000h Nightlight Output (Lum/Im)
DL86-G1-1150WW-MW-DA	Driver lifetime (up to hours) 100,000 Dimensions Ø102mm, 91mm	CRI>80 LED Energy Rating D	Emergency Output (Lum/lm) 278	L * * B 1 *> 33, 600h Nightlight Output (Lum/lm) -
DL86-G1-1150WW-MW-DA	Driver lifetime (up to hours) 100,000 Dimensions Ø102mm, 91mm 1182 Weight (kg)	CRI>80 LED Energy Rating D 11.2 CRI	Emergency Output (Lum/im) 278 106 High Temp (°C)	L = 0 B 1 0 > 33,000h Nightlight Output (Lum/lm) - 3000 LED Lifetime
DL86-G1-1150WW-MW-DA	Driver lifetime (up to hours) 100,000 Dimensions Ø102mm, 91mm 1182 Weight (kg) 0.6	CRI>80 LED Energy Rating D 11.2 CRI CRI>80	Emergency Output (Lum/lm) 278 106 High Temp (°C)	L++ B1+>33,000h Nightlight Output (Lum/lm) 3000 LED Lifetime L++ B1+>33,000h
DL86-G1-1150WW-MW-DA	Driver lifetime (up to hours) 100,000 Dimensions Ø102mm, 91mm 1182 Weight (kg) 0.6 Driver lifetime (up to hours)	CRI>80 LED Energy Rating D 11.2 CRI CRI CRI>80 LED Energy Rating	Emergency Output (Lum/lm) 278 106 High Temp (°C) 40 Emergency Output (Lum/lm)	L++ B1+>33,000h Nightlight Output (Lum/lm) 3000 LED Lifetime L++ B1+>33,000h
DL86-G1-1150WW-MW-DA	Driver lifetime (up to hours) 100,000 Dimensions Ø102mm, 91mm 1182 Weight (kg) 0.6 Driver lifetime (up to hours) 100,000	CRI>80 LED Energy Rating D 11.2 CRI CRI CRI>80 LED Energy Rating	Emergency Output (Lum/lm) 278 106 High Temp (°C) 40 Emergency Output (Lum/lm)	L++ B1+>33,000h Nightlight Output (Lum/lm) 3000 LED Lifetime L++ B1+>33,000h
DL86-G1-1150WW-MW-DA DL86-G1-750NW-MW-DA	Driver lifetime (up to hours) 100,000 Dimensions Ø102mm, 91mm 1182 Weight (kg) 0.6 Driver lifetime (up to hours) 100,000 Dimensions	CRI>80 LED Energy Rating D 11.2 CRI CRI CRI>80 LED Energy Rating	Emergency Output (Lum/lm) 278 106 High Temp (°C) 40 Emergency Output (Lum/lm)	L++ B1+>33,000h Nightlight Output (Lum/lm) 3000 LED Lifetime L++ B1+>33,000h
	Driver lifetime (up to hours) 100,000 Dimensions Ø102mm, 91mm 1182 Weight (kg) 0.6 Driver lifetime (up to hours) 100,000 Dimensions Ø102mm, 91mm	CRI>80 LED Energy Rating D 11.2 CRI CRI>80 LED Energy Rating D	Emergency Output (Lum/lm) 278 106 High Temp (°C) 40 Emergency Output (Lum/lm) 278	L++ B++> 33,000h Nightlight Output (Lum/lm) 3000 LED Lifetime L++ B++> 33,000h Nightlight Output (Lum/lm)
	Driver lifetime (up to hours) 100,000 Dimensions Ø102mm, 91mm 1182 Weight (kg) 0.6 Driver lifetime (up to hours) 100,000 Dimensions Ø102mm, 91mm 781	CRI>80 LED Energy Rating D 11.2 CRI CRI>80 LED Energy Rating D	Emergency Output (Lum/Im) 278 106 High Temp (°C) 40 Emergency Output (Lum/Im) 278	L = 0 B 1 0 > 33,000h Nightlight Output (Lum/lm) 3000 LED Lifetime L = 0 B 1 0 > 33,000h Nightlight Output (Lum/lm) -
	Driver lifetime (up to hours) 100,000 Dimensions Ø102mm, 91mm 1182 Weight (kg) 0.6 Driver lifetime (up to hours) 100,000 Dimensions Ø102mm, 91mm 781 Weight (kg)	CRI>80 LED Energy Rating D 11.2 CRI CRI>80 LED Energy Rating D	Emergency Output (Lum/lm) 278 106 High Temp (°C) 40 Emergency Output (Lum/lm) 278 107 High Temp (°C)	L++B++>33,090h Nightlight Output (Lum/lm) 3000 LED Lifetime L++B++>33,090h Nightlight Output (Lum/lm) -
	Driver lifetime (up to hours) 100,000 Dimensions Ø102mm, 91mm 1182 Weight (kg) 0.6 Driver lifetime (up to hours) 100,000 Dimensions Ø102mm, 91mm 781 Weight (kg) 0.6	CRI>80 LED Energy Rating D 11.2 CRI CRI>80 LED Energy Rating D 7.3 CRI CRI>80	Emergency Output (Lum/Im) 278 106 High Temp (°C) 40 Emergency Output (Lum/Im) 278 107 High Temp (°C) 40	L++ B++ S++ S++ S++ S++ S++ S++ S++ S++ S
	Driver lifetime (up to hours) 100,000 Dimensions Ø102mm, 91mm 1182 Weight (kg) 0.6 Driver lifetime (up to hours) 100,000 Dimensions Ø102mm, 91mm 781 Weight (kg) 0.6 Driver lifetime (up to hours)	CRI>80 LED Energy Rating D 11.2 CRI CRI>80 LED Energy Rating D 7.3 CRI CRI>80 LED Energy Rating	Emergency Output (Lum/lm) 278 106 High Temp (°C) 40 Emergency Output (Lum/lm) 278 107 High Temp (°C) 40 Emergency Output (Lum/lm)	L++B++>33,000h Nightlight Output (Lum/lm) - 3000 LED Lifetime L++B++>33,000h Nightlight Output (Lum/lm) - 4000 LED Lifetime L++B++>33,000h

DL86	Output (Lum/lm)	Load (W)	Efficacy (lm/W)	сст (к)
Wide Beam				
DL86-G1-1000NW-MW-DA	1007	9.2	110	4000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	0.6	CRI>80	40	L 8 0 B 1 0>33,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	D	293	-
	Dimensions			
	Ø102mm, 91mm			
DL86-G1-1200NW-MW-DA	1199	10.9	110	4000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	0.6	CRI>80	40	L80B10>33,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	D	293	-
	Dimensions			
	Ø102mm, 91mm			

Fitting Options

DALI-2 Dimming / Monitoring	-DA
Non-Maintained 3 Hour Emergency	-NE
Maintained Emergency 3 Hour	-E3
Central Battery Maintained 110V	-EV
Matt White	-MW

- $\bullet \ HT \ Applies for standard \ version. For any options (e.g. -E3) \ please \ check \ with \ technical \ sales.$
- For 240V changeover relay option, please call technical sales on +44 (0) 20 8254 2022 to discuss your requirements.
- -NE cannot be combined with -DA.









