DL86

| IP65 | IK11 (50J) | | Downlights | Class II | Recessed | HT40°C |

| TM65/66 |

(Community and Public)   (Transport)

DL86 is a downlight specifically designed for transport and community and public environments.

Standard Colours

| Matt White |

▪ 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 TM66 and measure embodied carbon (kgCO e) in accordance with TM65.2.

Impact Resistance Rating: IK11 (50J). What is IK Rating?

Ingress Protection Rating: IP65 (from below only). What is IP Rating?

Housing: Die-cast aluminium body.

Paint: Polyester powder coat. All Colour Options 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. What is Design Life?

Technical Information

DL86	Output (Lum/lm)	Load (W)	Efficacy (lm/W)	CCT (K)
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	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-G1-950WM-MW-DA	973	9.3	105	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-G1-1150WM-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	783	7.4	106	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			
DL86-G1-1000NM-MW-DA	1012	9.3	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			

DL86	Output (Lum/lm)	Load (W)	Efficacy (lm/W)	CCT (K)
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	$L_{80}B_{10}$>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-G1-950WW-MW-DA	989	9.3	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-G1-1150WW-MW-DA	1182	11.2	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-G1-750NW-MW-DA	781	7.3	107	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			

DL86	Output (Lum/lm)	Load (W)	Efficacy (lm/W)	CCT (K)
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$_{80}$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			
DL86-G1-1200NW-MW-DA	1199	10.9	110	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			

◼ Fitting Options

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

• 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.

Driver weight: 160g
Ceiling thickness: 9.5-20mm
Minimum void: L x W x H 220 x 175 x 115 mm

DL86 Ceiling void

Minimum   220mm (Standard)
           350mm (Emergency)

Ø 86mm