



Monitor

IP65	IK16 (150J)	Linear	Class I	Surface	HT40°C
HT50°C	TM65/66				

Community and Public Custodial Secure Healthcare Transport

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

Standard Colours

Textured Black Textured White Matt Silver

Product Information

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

Community and Public applications include the interior communal spaces of buildings. Secure Health applications include exercise and activity areas. Custodial applications include activity rooms. Transport applications include public toilets. 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 (kgCO₂e) in accordance with [TM65.2](#).

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

Ingress Protection Rating: IP65. [What is IP Rating?](#)

Housing: Extruded aluminium body (70% recycled content), with die cast end caps (93% recycled content) secured with tamperproof screws.

Paint: Polyester powder coat. [All Colour Options Available Here.](#)

Diffuser: Clip-in opal polycarbonate diffuser.

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

Mounting: Ceiling mounting or horizontal mounting on a solid substrate. Separate adapter plate attachments are available for suspended or horizontal wall mounting on structures where the back of the body is exposed so as to retain the IP65 rating.

Cable Entry: Provision for conduit entry in back or one end.

Design Life: 30+ years. [What is Design Life?](#)

■ Technical Information

Monitor	Output (Lum/lm)	Load (W)	Efficacy (lm/W)	CCT (K)
L360mm				
D855-1-1000N-X-TB	1081	9.9	109	4000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	2	CRI>80	-	L70B10>110,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	C	-	-
	Dimensions			
	115mm x 88mm			
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D855-1-1000W-X-TB	1027	9.9	104	3000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	2	CRI>80	-	L70B10>100,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	D	-	-
	Dimensions			
	115mm x 88mm			
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L640mm				
D855-2-1500N-X-TB	1654	15.5	106	4000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	3	CRI>80	-	L70B10>110,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	C	-	-
	Dimensions			
	115mm x 88mm			
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D855-2-2000N-X-TB	2023	19.1	106	4000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	3	CRI>80	-	L70B10>110,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	C	-	-
	Dimensions			
	115mm x 88mm			
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D855-2-2500N-X-TB	2412	23.1	105	4000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	3	CRI>80	-	L70B10>110,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	C	-	-
	Dimensions			
	115mm x 88mm			

Monitor	Output (Lum/m)	Load (W)	Efficacy (lm/W)	CCT (K)
L640mm				
D855-2-1500W-X-TB	1571	15.5	101	3000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	3	CRI>80	-	L70B10>100,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/m)	Nightlight Output (Lum/m)
	100,000	D	-	-
	Dimensions			
	115mm x 88mm			
D855-2-2000W-X-TB	1922	19.1	101	3000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	3	CRI>80	-	L70B10>100,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/m)	Nightlight Output (Lum/m)
	100,000	D	-	-
	Dimensions			
	115mm x 88mm			
D855-2-2500W-X-TB	2291	23.1	99	3000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	3	CRI>80	-	L70B10>100,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/m)	Nightlight Output (Lum/m)
	100,000	D	-	-
	Dimensions			
	115mm x 88mm			
L1240mm				
D855-4-2000N-X-TB	2527	21.2	119	4000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	5	CRI>80	50	L70B10>110,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/m)	Nightlight Output (Lum/m)
	100,000	C	816	-
	Dimensions			
	115mm x 88mm			
D855-4-3000N-X-TB	3325	28.3	117	4000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	5	CRI>80	50	L70B10>110,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/m)	Nightlight Output (Lum/m)
	100,000	C	816	-
	Dimensions			
	115mm x 88mm			

Monitor	Output (Lum/lm)	Load (W)	Efficacy (lm/W)	CCT (K)
L1240mm				
D855-4-4000N-X-TB	4068	35.6	114	4000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	5	CRI>80	40	L70B10>110,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	C	816	-
	Dimensions			
	115mm x 88mm			
D855-4-5000N-X-TB	4817	43.3	111	4000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	5	CRI>80	40	L70B10>110,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	C	816	-
	Dimensions			
	115mm x 88mm			
D855-4-6000N-X-TB	5450	50.6	108	4000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	5	CRI>80	40	L70B10>110,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	C	816	-
	Dimensions			
	115mm x 88mm			
D855-4-2000W-X-TB	2401	21.2	112	3000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	5	CRI>80	50	L70B10>100,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	D	775	-
	Dimensions			
	115mm x 88mm			
D855-4-3000W-X-TB	3159	28.3	109	3000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	5	CRI>80	50	L70B10>100,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	D	775	-
	Dimensions			
	115mm x 88mm			

Monitor	Output (Lum/m)	Load (W)	Efficacy (lm/W)	CCT (K)
L1240mm				
D855-4-4000W-X-TB	3865	35.6	106	3000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	5	CRI>80	40	L70B10>100,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/m)	Nightlight Output (Lum/m)
	100,000	D	775	-
	Dimensions			
	115mm x 88mm			
D855-4-5000W-X-TB	4576	43.3	102	3000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	5	CRI>80	40	L70B10>100,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/m)	Nightlight Output (Lum/m)
	100,000	D	775	-
	Dimensions			
	115mm x 88mm			
D855-4-6000W-X-TB	5178	50.6	108	3000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	5	CRI>80	40	L70B10>100,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/m)	Nightlight Output (Lum/m)
	100,000	D	775	-
	Dimensions			
	115mm x 88mm			
L1540mm				
D855-5-2500N-X-TB	3235	26.3	123	4000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	6	CRI>80	-	L70B10>110,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/m)	Nightlight Output (Lum/m)
	100,000	C	840	-
	Dimensions			
	115mm x 88mm			
D855-5-3750N-X-TB	4203	34.8	121	4000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	6	CRI>80	-	L70B10>110,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/m)	Nightlight Output (Lum/m)
	100,000	C	840	-
	Dimensions			
	115mm x 88mm			

Monitor	Output (Lum/lm)	Load (W)	Efficacy (lm/W)	CCT (K)
L1540mm				
D855-5-5000N-X-TB	5059	42.9	118	4000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	6	CRI>80	-	L70B10>110,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	C	840	-
	Dimensions			
	115mm x 88mm			
D855-5-6250N-X-TB	6108	53.6	114	4000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	6	CRI>80	-	L70B10>110,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	C	840	-
	Dimensions			
	115mm x 88mm			
D855-5-7500N-X-TB	6815	61.2	111	4000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	6	CRI>80	-	L70B10>110,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	C	840	-
	Dimensions			
	115mm x 88mm			
D855-5-2500W-X-TB	3073	26.3	117	3000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	6	CRI>80	-	L70B10>100,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	D	798	-
	Dimensions			
	115mm x 88mm			
D855-5-3750W-X-TB	3993	34.8	115	3000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	6	CRI>80	-	L70B10>100,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	D	798	-
	Dimensions			
	115mm x 88mm			

Monitor	Output (Lum/lm)	Load (W)	Efficacy (lm/W)	CCT (K)
L1540mm				
D855-S-5000W-X-TB	4806	42.9	112	3000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	6	CRI>80	-	L70B10>100,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	D	798	-
	Dimensions			
	115mm x 88mm			
D855-S-6250W-X-TB	5803	53.6	108	3000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	6	CRI>80	-	L70B10>100,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	D	798	-
	Dimensions			
	115mm x 88mm			
D855-S-7500W-X-TB	6474	61.2	106	3000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	6	CRI>80	-	L70B10>100,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	D	798	-
	Dimensions			
	115mm x 88mm			

Fitting Options

Switch on Fitting	-SX
Conduit Hole in One End	-1H
Side Adaptor Plate	-AS
Horizontal Adaptor Plate	-AH
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 Silver	-MS
Switch Dimming	-DI
DALI-2 Dimming / Monitoring	-DA

- For paint colour options, please replace -TB with required paint code.
- HT Applies for standard version. For any options (e.g.-E3) please check with technical sales on +44 (0)20 8254 2022 or email technical@designplan.co.uk.
- -DA / -DI not available on 360mm version.
- -E3 / -ES / -ED / -ER not available on all 360mm and 640mm versions.

