

DOMINO 1 SURFACE

PRODUCT OVERVIEW

STANDARD LIGHT ENGINE



KEY FEATURES

- Beam Options: 12 | 30 | 60 | 12x35 | 35x12
- Light Engine Performance: 164lm | 2.24W
- Field changeable optics
- UK Part L1 / L2 (Display) Compliant
- Title 24 JA8 Certified



OVERVIEW

Domino 1 Surface is a Constant Current multi source LED spotlight that is machined from aerospace grade aluminium 6063-T6 and comes as standard in white, black and brushed aluminium. It has five site-changeable beam distributions including elliptical beams. Our 164lm | 2.24W light engine has a max peak intensity of 1566cd.

PERFORMANCE

	Standard				
	Narrow	Flood	W. Flood	Ellipse	V. Ellipse
FWHM	12°	30°	60°	12x35°	35x12°
Luminous Flux	164 lm	150 lm	163 lm	164 lm	164 lm
Peak Intensity	1566 cd	470 cd	163 cd	972 cd	972 cd
CCT	2700K 3000K				
CRI Min.	95 95				
LED Current	0.700 A				
Voltage	3.2 V				
Input Wattage	2.24 W				
Efficacy	73.2 lm/W				
Driver Type	Constant Current Remote				
Class	SELV Class III				

ORDER CODE

Model	Type	Output	CCT	Beam Angle	Finish
DMO1 Domino 1	SP Surface Plate	SO Standard Output	27K 2700K	NR Narrow 12°	WH White
			30K 3000K	ME Medium 30°	BK Black
				WD Wide 60°	AL Br. Aluminium
				12X35 Elliptical 12x35°	
				35X12 Elliptical 35x12°	

Example code: DMO1-SP-SO-27K-NR-WH

See Drivers, Power Supplies and Accessories sections for further order codes

LIGHT ENGINE SELECTION

This product is available with a single static white light engine option outlined below.

STANDARD
OUTPUT

Our standard output light engines embody Precision's commitment to excellence, delivering high CRI, efficient performance, and clean, well-defined beams.

- High CRI
- Crisp clean beams

LIFETIME & ENVIRONMENTAL

At Precision, we design and engineer our products with longevity in mind. Many of the components that make up our light fixtures are both modular and re-usable, making it possible to service and repair them throughout their life in service. Once our products reach the end of their useful life, it is possible to re-work and renew them in to a new product. We prioritise the use of recyclable materials in both our products and packaging, and encourage our customers to engage responsibly in the correct disposal of any materials we supply.

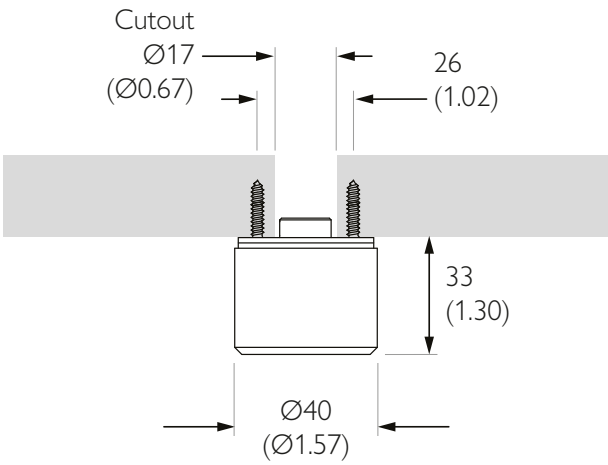
CIBSE TM65	7.66 Kg/CO2e
CIBSE TM66	2.4
RoHS Compliance	Yes
REACH Compliance	Yes
WEEE Compliance	Yes - Registered Producer
Declare	LBC Red List Approved
Lifetime	L90B10 100,000hrs
Warranty	5 Years

UK PART L

Part L1A / L1B (Dwellings)	Compliant 164 lm/W Source lm (367 lm) / Source W (2.24 W)
Part L2A (General)	-
Part L2A (Display)	Compliant 164 lm/W Source lm (367 lm) / Source W (2.24 W)

DOMINO 1 SURFACE

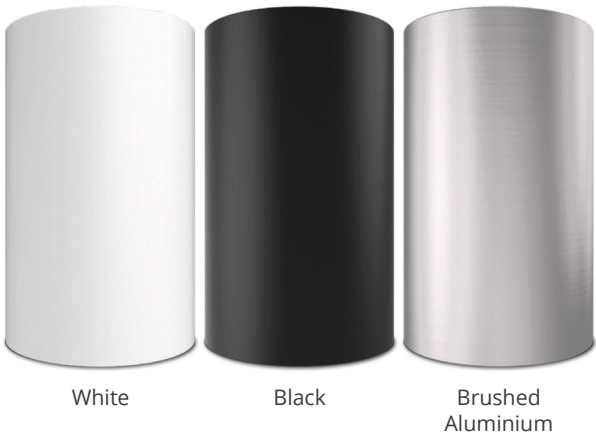
DIMENSIONS



MECHANICAL

Location	IP20 Indoor Dry Location Only	Cutout	$\varnothing 17\text{mm}$ (0.67")
Mounting	Surface mounting plate	Ceiling Thickness	N/A
Adjustability	N/A Pan N/A Tilt	Product Class	SELV Class III
Lockable	N/A	Material	Machined AL 6063-T6
Accessories	N/A	Weight	64g 0.14lb

FINISHES



DOMINO 1 SURFACE

20W | 0-10V | Remote | Constant Current

Input Voltage	230VAC 50/60 Hz
Driver Type	Remote Constant Current
Location	IP20 Indoor Location Only
Dimming Control	0-10V
Min. Dim Level	0.1%
Flicker	IEEE P1789 Compatible No Observable Effect
Wiring Distance	16 AWG - 36m (118') 18 AWG 22m (72')



	All CCT's		L	W	H
Max. Lights	1 to 8 in series	mm	160	41	30
Order Code	PSCC-20-700-A-EL	in	6.3	1.61	1.18

20W | DALI-2 | Remote | Constant Current

Input Voltage	230VAC 50/60 Hz
Driver Type	Remote Constant Current
Location	IP20 Indoor Location Only
Dimming Control	DALI-2
Min. Dim Level	0.1%
Flicker	IEEE P1789 Compatible No Observable Effect
Wiring Distance	16 AWG - 36m (118') 18 AWG 22m (72')



	All CCT's		L	W	H
Max. Lights	1 to 8 in series	mm	160	41	30
Order Code	PSCC-20-700-D-EL	in	6.3	1.61	1.18

DOMINO 1 SURFACE

DRIVERS & POWER SUPPLIES - NORTH AMERICA

STANDARD LIGHT ENGINE

30W | 0-10V | Remote | Constant Current

Input Voltage	120-277V 50/60 Hz
Driver Type	Remote Constant Current
Location	IP20 Indoor Location Only
Dimming Control	0-10V
Min. Dim Level	0.1%
Flicker	IEEE P1789 Compatible No Observable Effect
Wiring Distance	16 AWG - 36m (118') 18 AWG 22m (72')



	All CCT's		L	W	H
Max. Lights	1 to 12 in series	mm	348	65	47
Order Code	USCC-30-700-A-EL-ENC	in	13.7	2.56	1.85

30W | DALI-2 | Remote | Constant Current

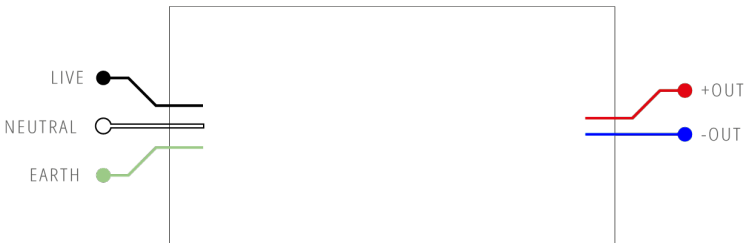
Input Voltage	120-277V 50/60 Hz
Driver Type	Remote Constant Current
Location	IP20 Indoor Location Only
Dimming Control	DALI-2
Min. Dim Level	0.1%
Flicker	IEEE P1789 Compatible No Observable Effect
Wiring Distance	16 AWG - 36m (118') 18 AWG 22m (72')



	All CCT's		L	W	H
Max. Lights	1 to 12 in series	mm	348	65	47
Order Code	USCC-30-700-D-EL-ENC	in	13.7	2.56	1.85

12W | Phase | Remote | Constant Current

Input Voltage	120V 50/60Hz
Driver Type	Remote Constant Current
Location	IP20 Indoor Location Only
Dimming Control	Phase
Min. Dim Level	1.0%
Flicker	IEEE P1789 Compatible No Observable Effect
Wiring Distance	16 AWG - 14m (46') 18 AWG 9m (30')



	All CCT's		L	W	H
Max. Lights	2 to 5 in series	mm	247	65	47
Order Code	USCC-12-700-P-HT-ENC	in	9.72	2.56	1.85

DOMINO 1 SURFACE

PHOTOMETRY

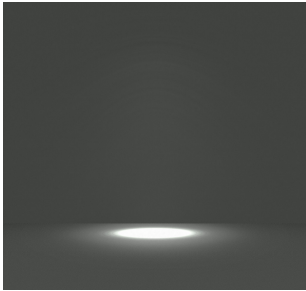
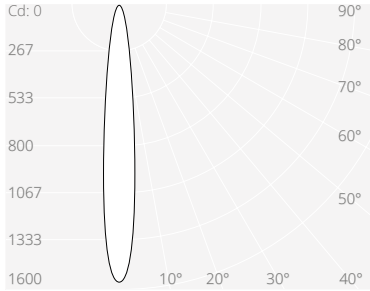
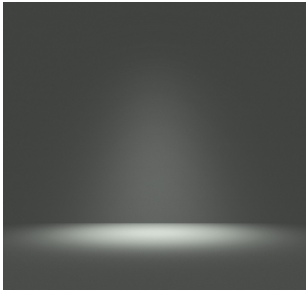
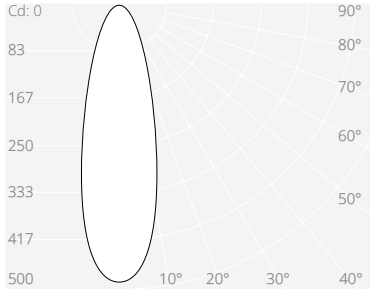
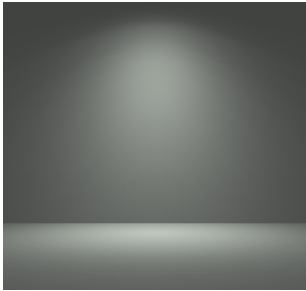
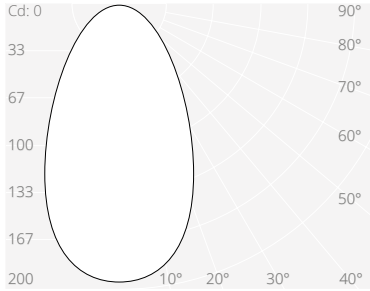
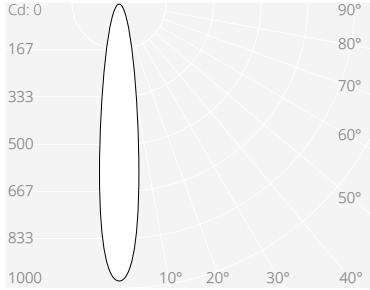
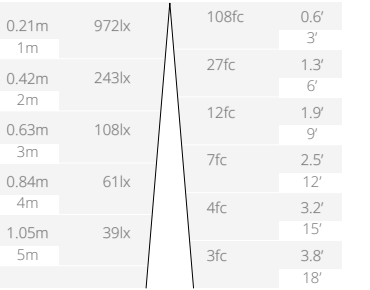
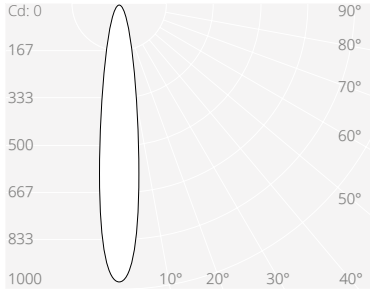
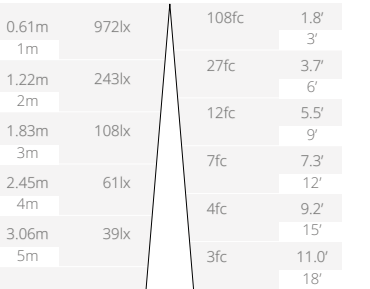
STANDARD LIGHT ENGINE

OUTPUT SCALING

CCT	Output Multiplier	CRI	R9 Typ.	TM-30: Rf	TM-30: Rg	Max Lm
2400K	-	-	-	-	-	-
2700K	1.00	95	65	90	98	164
3000K	1.00	95	65	90	99	164
3500K	-	-	-	-	-	-
4000K	-	-	-	-	-	-

Colour Consistency: 3 SDCM

PHOTOMETRY

NARROW FWHM 12° Delivered Flux 164 lm Peak Intensity 1566 cd  Cd: 0 267 533 800 1067 1333 1600  90° 80° 70° 60° 50° 40° 0.21m 1m 0.42m 2m 0.63m 3m 0.84m 4m 1.05m 5m 1566lx 392lx 174lx 98lx 63lx 174fc 44fc 19fc 11fc 7fc 5fc 0.6' 3' 1.3' 6' 1.9' 9' 2.5' 12' 3.2' 15' 3.8' 18'	FLOOD FWHM 30° Delivered Flux 150 lm Peak Intensity 470 cd  Cd: 0 83 167 250 333 417 500  90° 80° 70° 60° 50° 40° 0.54m 1m 1.07m 2m 1.61m 3m 2.14m 4m 2.68m 5m 470lx 118lx 52lx 29lx 19lx 52fc 13fc 6fc 3fc 2fc 1fc 1.6' 3' 3.2' 6' 4.8' 9' 6.4' 12' 8.0' 15' 9.6' 18'	WIDE FLOOD FWHM 60° Delivered Flux 163 lm Peak Intensity 163 cd  Cd: 0 33 67 100 133 167 200  90° 80° 70° 60° 50° 40° 1.15m 1m 2.31m 2m 3.46m 3m 4.62m 4m 5.77m 5m 163lx 41lx 18lx 10lx 7lx 18fc 5fc 2fc 1fc 1fc 1fc 3.5' 3' 6.9' 6' 10.4' 9' 13.9' 12' 17.3' 15' 20.8'	ELLIPSE FWHM 12x35° Delivered Flux 164 lm Peak Intensity 972 cd  Cd: 0 167 333 500 667 833 1000  90° 80° 70° 60° 50° 40° 0.21m 1m 0.42m 2m 0.63m 3m 0.84m 4m 1.05m 5m 972lx 243lx 108lx 61lx 39lx 108fc 27fc 12fc 7fc 4fc 3fc 0.6' 3' 1.3' 6' 1.9' 9' 2.5' 12' 3.2' 15' 3.8' 18'	VERTICAL ELLIPSE FWHM 35x12° Delivered Flux 164 lm Peak Intensity 972 cd  Cd: 0 167 333 500 667 833 1000  90° 80° 70° 60° 50° 40° 0.61m 1m 1.22m 2m 1.83m 3m 2.45m 4m 3.06m 5m 972lx 243lx 108lx 61lx 39lx 108fc 27fc 12fc 7fc 4fc 3fc 1.8' 3' 3.7' 6' 5.5' 9' 7.3' 12' 9.2' 15' 11.0' 18'
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OPTICS

There are 5 interchangeable optics

Optic	Optic	Optic
		
Narrow TIR Optic FWHM 12 deg	Medium TIR Optic FWHM 30 deg	Wide TIR Optic FWHM 60 deg
Order Code 701-12	Order Code 701-30	Order Code 701-60

ACCESSORIES

This product does not have interchangeable accessories, if required please contact us for modification opportunities