

DOMINO 1 RECESSED

PRODUCT OVERVIEW TRIMMED | TRIMLESS

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 Recessed 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	Trim	Output	CCT	Beam Angle	Finish
DMO1 Domino 1	RC Recessed	TR Trimmed	SO Standard Output	27K 2700K	NR Narrow 12°	WH White
		TL Trimless ¹		30K 3000K	ME Medium 30°	BK Black
					WD Wide 60°	AL Br. Aluminium
					12X35 Elliptical 12x35°	NA Trimless
					35X12 Elliptical 35x12°	

Example code: DMO1-RC-TR-SO-27K-NR-WH

¹ Trimless finish must be NA

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	7.48 Kg/CO2e
CIBSE TM66	2.2
RoHS Compliance	Yes
REACH Compliance	Yes
WEEE Compliance	Yes - Registered Producer
Declare	LBC Red List Approved
Lifetime	L90B10 100,000hrs
Warranty	5 Years

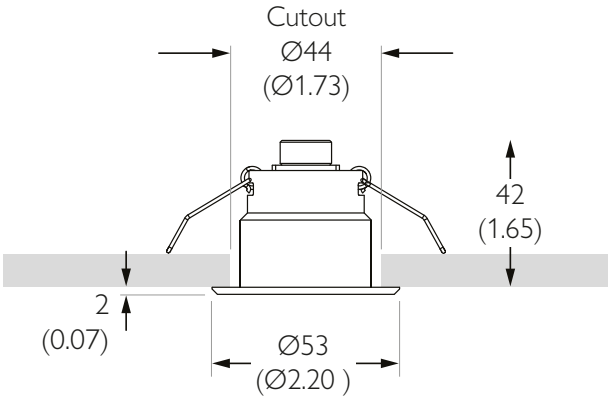
UK PART L	
Part L1A / L1B (Dwellings)	Compliant 164 lm/W ≥75 lm/W source lumens Source lm (367 lm) / Source W (2.24 W)
Part L2A (General)	- ≥95lm/W delivered lumens
Part L2A (Display)	Compliant 164 lm/W ≥80 lm/W source lumens Source lm (367 lm) / Source W (2.24 W)

DOMINO 1 RECESSED

DIMENSIONS & FINISHES

STANDARD LIGHT ENGINE

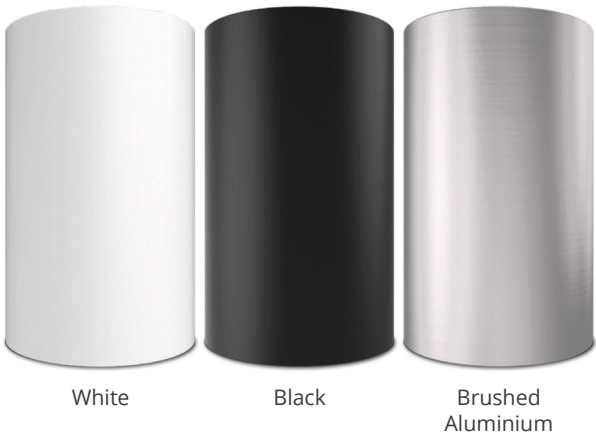
DIMENSIONS



MECHANICAL

Location	IP20 Indoor Dry Location Only	Cutout	ø44mm (1.73")
Mounting	Recessed	Ceiling Thickness	5-25mm (0.20-0.98")
Adjustability	N/A Pan N/A Tilt	Product Class	SELV Class III
Lockable	N/A	Material	Machined AL 6063-T6
Accessories	N/A	Weight	58g 0.13lb

FINISHES



DOMINO 1 RECESSED

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 RECESSED

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

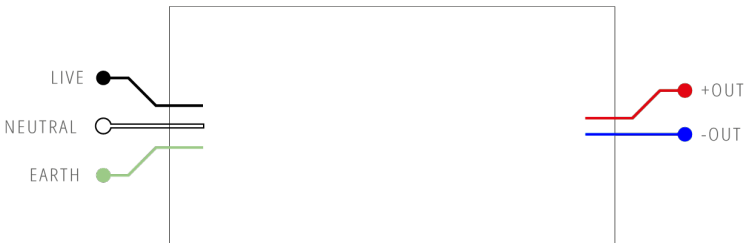
Input Voltage	120-277V 50/60 Hz
Driver Type	Remote Constant Current
Location	IP20 Indoor Location Only
Dimming Control	DALI-2
Min. Dim Level	0.1%
Flicker	IEEE P1789 Compatible No Observable Effect
Wiring Distance	16 AWG - 36m (118') 18 AWG 22m (72')



	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 RECESSED

PHOTOMETRY

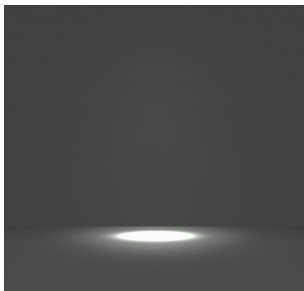
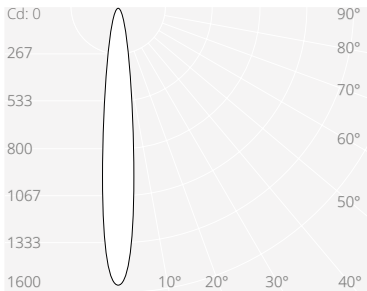
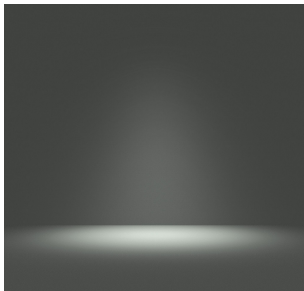
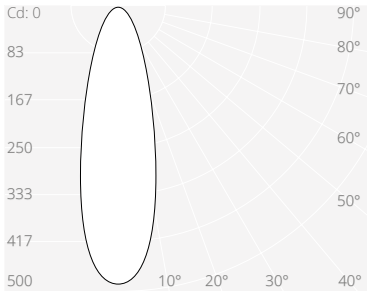
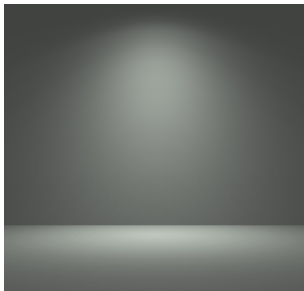
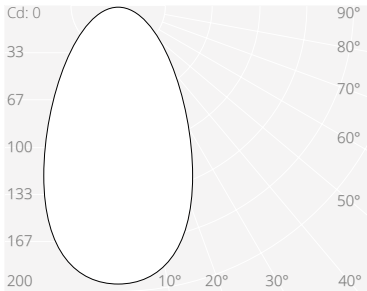
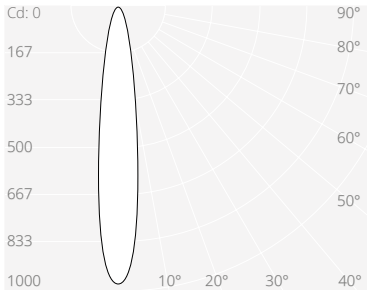
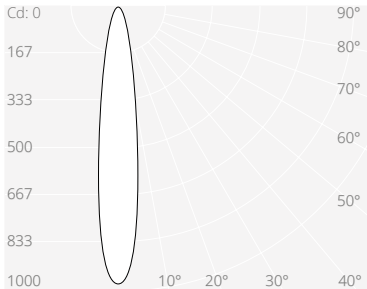
STANDARD LIGHT ENGINE

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				<table><tr><td>0.21m</td><td>1566lx</td><td>174fc</td><td>0.6'</td></tr><tr><td>1m</td><td></td><td></td><td>3'</td></tr><tr><td>0.42m</td><td>392lx</td><td>44fc</td><td>1.3'</td></tr><tr><td>2m</td><td></td><td></td><td>6'</td></tr><tr><td>0.63m</td><td>174lx</td><td>19fc</td><td>1.9'</td></tr><tr><td>3m</td><td></td><td></td><td>9'</td></tr><tr><td>0.84m</td><td>98lx</td><td>11fc</td><td>2.5'</td></tr><tr><td>4m</td><td></td><td></td><td>12'</td></tr><tr><td>1.05m</td><td>63lx</td><td>7fc</td><td>3.2'</td></tr><tr><td>5m</td><td></td><td></td><td>15'</td></tr><tr><td></td><td></td><td>5fc</td><td>3.8'</td></tr><tr><td></td><td></td><td></td><td>18'</td></tr></table>	0.21m	1566lx	174fc	0.6'	1m			3'	0.42m	392lx	44fc	1.3'	2m			6'	0.63m	174lx	19fc	1.9'	3m			9'	0.84m	98lx	11fc	2.5'	4m			12'	1.05m	63lx	7fc	3.2'	5m			15'			5fc	3.8'				18'
0.21m	1566lx	174fc	0.6'																																																	
1m			3'																																																	
0.42m	392lx	44fc	1.3'																																																	
2m			6'																																																	
0.63m	174lx	19fc	1.9'																																																	
3m			9'																																																	
0.84m	98lx	11fc	2.5'																																																	
4m			12'																																																	
1.05m	63lx	7fc	3.2'																																																	
5m			15'																																																	
		5fc	3.8'																																																	
			18'																																																	
FLOOD				<table><tr><td>0.54m</td><td>470lx</td><td>52fc</td><td>1.6'</td></tr><tr><td>1m</td><td></td><td></td><td>3'</td></tr><tr><td>1.07m</td><td>118lx</td><td>13fc</td><td>3.2'</td></tr><tr><td>2m</td><td></td><td></td><td>6'</td></tr><tr><td>1.61m</td><td>52lx</td><td>6fc</td><td>4.8'</td></tr><tr><td>3m</td><td></td><td></td><td>9'</td></tr><tr><td>2.14m</td><td>29lx</td><td>3fc</td><td>6.4'</td></tr><tr><td>4m</td><td></td><td></td><td>12'</td></tr><tr><td>2.68m</td><td>19lx</td><td>2fc</td><td>8.0'</td></tr><tr><td>5m</td><td></td><td></td><td>15'</td></tr><tr><td></td><td></td><td>1fc</td><td>9.6'</td></tr><tr><td></td><td></td><td></td><td>18'</td></tr></table>	0.54m	470lx	52fc	1.6'	1m			3'	1.07m	118lx	13fc	3.2'	2m			6'	1.61m	52lx	6fc	4.8'	3m			9'	2.14m	29lx	3fc	6.4'	4m			12'	2.68m	19lx	2fc	8.0'	5m			15'			1fc	9.6'				18'
0.54m	470lx	52fc	1.6'																																																	
1m			3'																																																	
1.07m	118lx	13fc	3.2'																																																	
2m			6'																																																	
1.61m	52lx	6fc	4.8'																																																	
3m			9'																																																	
2.14m	29lx	3fc	6.4'																																																	
4m			12'																																																	
2.68m	19lx	2fc	8.0'																																																	
5m			15'																																																	
		1fc	9.6'																																																	
			18'																																																	
WIDE FLOOD				<table><tr><td>1.15m</td><td>163lx</td><td>18fc</td><td>3.5'</td></tr><tr><td>1m</td><td></td><td></td><td>3'</td></tr><tr><td>2.31m</td><td>41lx</td><td>5fc</td><td>6.9'</td></tr><tr><td>2m</td><td></td><td></td><td>6'</td></tr><tr><td>3.46m</td><td>18lx</td><td>2fc</td><td>10.4'</td></tr><tr><td>3m</td><td></td><td></td><td>9'</td></tr><tr><td>4.62m</td><td>10lx</td><td>1fc</td><td>13.9'</td></tr><tr><td>4m</td><td></td><td></td><td>12'</td></tr><tr><td>5.77m</td><td>7lx</td><td>1fc</td><td>17.3'</td></tr><tr><td>5m</td><td></td><td></td><td>15'</td></tr><tr><td></td><td></td><td>1fc</td><td>20.8'</td></tr><tr><td></td><td></td><td></td><td>18'</td></tr></table>	1.15m	163lx	18fc	3.5'	1m			3'	2.31m	41lx	5fc	6.9'	2m			6'	3.46m	18lx	2fc	10.4'	3m			9'	4.62m	10lx	1fc	13.9'	4m			12'	5.77m	7lx	1fc	17.3'	5m			15'			1fc	20.8'				18'
1.15m	163lx	18fc	3.5'																																																	
1m			3'																																																	
2.31m	41lx	5fc	6.9'																																																	
2m			6'																																																	
3.46m	18lx	2fc	10.4'																																																	
3m			9'																																																	
4.62m	10lx	1fc	13.9'																																																	
4m			12'																																																	
5.77m	7lx	1fc	17.3'																																																	
5m			15'																																																	
		1fc	20.8'																																																	
			18'																																																	
ELLIPSE				<table><tr><td>0.21m</td><td>972lx</td><td>108fc</td><td>0.6'</td></tr><tr><td>1m</td><td></td><td></td><td>3'</td></tr><tr><td>0.42m</td><td>243lx</td><td>27fc</td><td>1.3'</td></tr><tr><td>2m</td><td></td><td></td><td>6'</td></tr><tr><td>0.63m</td><td>108lx</td><td>12fc</td><td>1.9'</td></tr><tr><td>3m</td><td></td><td></td><td>9'</td></tr><tr><td>0.84m</td><td>61lx</td><td>7fc</td><td>2.5'</td></tr><tr><td>4m</td><td></td><td></td><td>12'</td></tr><tr><td>1.05m</td><td>39lx</td><td>4fc</td><td>3.2'</td></tr><tr><td>5m</td><td></td><td></td><td>15'</td></tr><tr><td></td><td></td><td>3fc</td><td>3.8'</td></tr><tr><td></td><td></td><td></td><td>18'</td></tr></table>	0.21m	972lx	108fc	0.6'	1m			3'	0.42m	243lx	27fc	1.3'	2m			6'	0.63m	108lx	12fc	1.9'	3m			9'	0.84m	61lx	7fc	2.5'	4m			12'	1.05m	39lx	4fc	3.2'	5m			15'			3fc	3.8'				18'
0.21m	972lx	108fc	0.6'																																																	
1m			3'																																																	
0.42m	243lx	27fc	1.3'																																																	
2m			6'																																																	
0.63m	108lx	12fc	1.9'																																																	
3m			9'																																																	
0.84m	61lx	7fc	2.5'																																																	
4m			12'																																																	
1.05m	39lx	4fc	3.2'																																																	
5m			15'																																																	
		3fc	3.8'																																																	
			18'																																																	
VERTICAL ELLIPSE				<table><tr><td>0.61m</td><td>972lx</td><td>108fc</td><td>1.8'</td></tr><tr><td>1m</td><td></td><td></td><td>3'</td></tr><tr><td>1.22m</td><td>243lx</td><td>27fc</td><td>3.7'</td></tr><tr><td>2m</td><td></td><td></td><td>6'</td></tr><tr><td>1.83m</td><td>108lx</td><td>12fc</td><td>5.5'</td></tr><tr><td>3m</td><td></td><td></td><td>9'</td></tr><tr><td>2.45m</td><td>61lx</td><td>7fc</td><td>7.3'</td></tr><tr><td>4m</td><td></td><td></td><td>12'</td></tr><tr><td>3.06m</td><td>39lx</td><td>4fc</td><td>9.2'</td></tr><tr><td>5m</td><td></td><td></td><td>15'</td></tr><tr><td></td><td></td><td>3fc</td><td>11.0'</td></tr><tr><td></td><td></td><td></td><td>18'</td></tr></table>	0.61m	972lx	108fc	1.8'	1m			3'	1.22m	243lx	27fc	3.7'	2m			6'	1.83m	108lx	12fc	5.5'	3m			9'	2.45m	61lx	7fc	7.3'	4m			12'	3.06m	39lx	4fc	9.2'	5m			15'			3fc	11.0'				18'
0.61m	972lx	108fc	1.8'																																																	
1m			3'																																																	
1.22m	243lx	27fc	3.7'																																																	
2m			6'																																																	
1.83m	108lx	12fc	5.5'																																																	
3m			9'																																																	
2.45m	61lx	7fc	7.3'																																																	
4m			12'																																																	
3.06m	39lx	4fc	9.2'																																																	
5m			15'																																																	
		3fc	11.0'																																																	
			18'																																																	

DOMINO 1 RECESSED

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