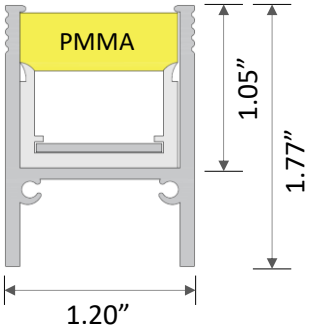
Phantom OS – Surface In Ground Fixture

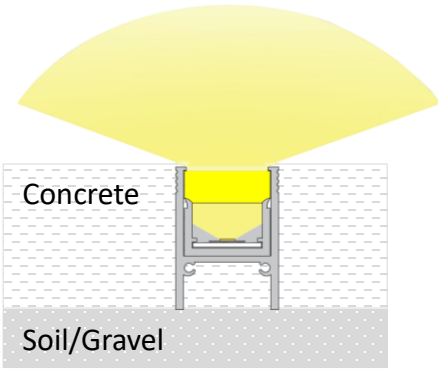
Phantom OS is a recessed walk-over fixture that consists of the outer solid aluminum and the sturdy inner, one-piece PMMA extrusion. This fixture can withstand a maximum weight of 30kN and is considered IP67. To be used with the flanges in the ground or above ground, both is possible. It creates uniform light lines and can be used as single fixture or combining several fixtures without shadows to create continuous seamless light lines and makes for an excellent outdoor and indoor ingrade uplight.



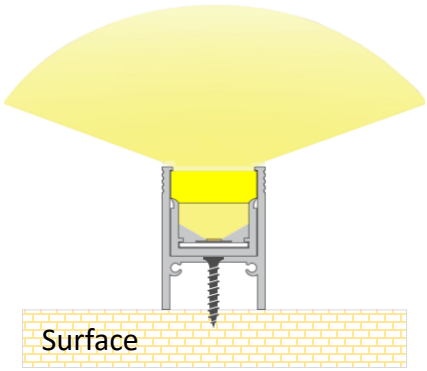
Applications:

- Surface Mount
- Staircases
- Outdoor Downlight
- Outdoor Uplight
- Hallways
- Facades
- Step Light
- Transition Wall/Ceiling

Recessed



Surface Mount



For inground installation, a minimum of 2' of drainage is required (gravel or similar)

Phantom OS – Surface In Ground Fixture

Technical Information

Product	CCT	Output (lm/ft)	Consump. (watt/ft)	Efficacy (lm/watt)	CRI	Voltage	Max run length	Min Cut
100	2700K	~ 85 W	1.46 W	~ 55	>90	24V	49’	1.97"
	3000K	~ 90 W	1.46 W	~ 55	>90	24V	49’	1.97"
	3500K	~ 95 W	1.46 W	~ 60	>90	24V	49’	1.97"
	4000K	~ 100 W	1.46 W	~ 65	>90	24V	49’	1.97"
180	2700K	~ 155 W	3.12 W	~ 55	>90	24V	42’	1.97"
	3000K	~ 170 W	3.12 W	~ 60	>90	24V	42’	1.97"
	3500K	~ 175 W	3.12 W	~ 60	>90	24V	42’	1.97"
	4000K	~ 180 W	3.12 W	~ 65	>90	24V	42’	1.97"
250	2700K	~ 215 W	4.39 W	~ 50	>90	24V	36’	1.97"
	3000K	~ 245 W	4.39 W	~ 60	>90	24V	36’	1.97"
	3500K	~ 250 W	4.39 W	~ 60	>90	24V	36’	1.97"
	4000K	~ 255 W	4.39 W	~ 60	>90	24V	36’	1.97"
400	2700K	~ 335 W	6.72 W	~ 50	>90	24V	24’	1.97"
	3000K	~ 370 W	6.72 W	~ 55	>90	24V	24’	1.97"
	3500K	~ 380 W	6.72 W	~ 55	>90	24V	24’	1.97"
	4000K	~ 400 W	6.72 W	~ 60	>90	24V	24’	1.97"
TW1865	1800K-6500K	~30-430	5.80 W	~ 25	>90	24V	16’	1.97"
TW2740	2700K-4000K	~ 110-220	5.80 W	~ 25	>90	24V	16’	1.97"
DTW2130	2100K-3000K	~85	~ 5.85 W	~ 15	>90	24V	16’	1.97"
RGB	RGB	N/A	~ 7.30 W	~ 15	N/A	24V	16’	1.97"
RGBW	RGBW	N/A	~ 7.30 W	~ 25	N/A	24V	16’	2.46”

Accessories

PH02-EC
End Cap

PH99-EC
End Cap

PH99-C
Cover

Phantom OS – Surface In Ground Fixture

Example: PHOS-40030-C-DUD-16''
Phantom OS, ~ 400 lm/ft, 3000K, Cover, Dimming Driver, 16ft

Ordering Code

PHOS	400	30	C	DUD	16'
Model	**Output**	**CCT**	**Accessories**	**Driver**	**Length**
PHOS Phantom OS	**100** ~100 lm/ft **180** ~180 lm/ft **250** ~250 lm/ft **400** ~400 lm/ft	**27** 2700K **30** 3000K **35** 3500K **40** 4000K **TW1865** 1800K-6500K **TW2740** 2700K-4000K **DTW1827** 1800K-2700K **DTW2130** 2100K-3000K **RGB** RGB **RGBW** RGBW	**C** Cover **JC** Jumper Cable	**NTR** Non-Dimming **DUD** Dimming 0.1%-100% Triac/0-10V/ 10V PWM/ Potentiometer **FPD** Dimming 1%-100%	**Enter run length**

Connecting multiple fixtures creates uniform light lines

For inground installation, a minimum of 2' of drainage is required (gravel or similar)

Power Supply Ordering Codes

DUD	+	60	+	IP65	DUD60IP65 - Dimming, 60 Watt, IP65

MODEL		+	POWER		+	IP RATING		INPUT	OUTPUT	DIMENSION
NTR	Non-Dimming	50	50 Watt		IP00	Indoor		88-264V	24V	3.90 x 3.82 x 1.42
		75	75 Watt							5.08 x 3.82 x 1.50
		100	100 Watt							6.26 x 3.82 x 1.50
		150	150 Watt							7.84 x 3.85 x 1.50
		200	200 Watt							8.46 x 4.53 x 1.18
		320	320 Watt							8.46 x 4.53 x 1.18
		750	750 Watt							9.84 x 5.00 x 1.61
		960	960 Watt							11.60 x 5.00 x 1.61
		12	12 Watt		IP42	Indoor		90-264V	24V	3.03 x 1.57 x 1.14
		16	16 Watt							3.03 x 1.57 x 1.14
		25	25 Watt							3.31 x 2.24 x 1.16
		35	35 Watt							3.31 x 2.24 x 1.16
		20	20 Watt		IP67	Outdoor		90-264V	24V	4.65 x 1.38 x 1.02
		35	35 Watt							5.83 x 1.57 x 1.18
		60	60 Watt							6.40 x 1.67 x 1.26
		100	100 Watt							7.48 x 2.05 x 1.46
		150	150 Watt							7.52 x 2.48 x 1.48
		240	240 Watt							9.61 x 2.68 x 1.53
		320	320 Watt							9.92 x 3.54 x 1.72
DUD	Dimming 0.1%-100% Universal: Triac/0-10V/ 10V PWM/ Potentiometer	18	18 Watt		IP65	Outdoor		110-277V	24V	5.04 x 2.09 x 0.83
		24	24 Watt							5.04 x 2.09 x 0.83
		36	36 Watt							5.98 x 2.32 x 0.83
		48	48 Watt							5.98 x 2.32 x 0.83
		60	60 Watt							5.98 x 2.32 x 0.83
		80	80 Watt							7.17 x 2.32 x 0.83
		96	96 Watt							7.16 x 2.48 x 1.49
		120	120 Watt							7.16 x 2.48 x 1.49
		150	150 Watt							9.92 x 2.48 x 1.49
		200	200 Watt							9.92 x 2.48 x 1.49
		300	300 Watt							12.1 x 2.48 x 1.49
FPD	Dimming min 1% (Forward Phase)	40	40 Watt		IP67	Outdoor		120V	24V	4.92 x 2.20 x 0.79
		60	60 Watt							4.92 x 2.20 x 0.79
		75	75 Watt							4.92 x 2.20 x 0.79
		96	96 Watt							4.92 x 2.20 x 0.79
FPD	Dimming min 1% (Forward Phase) with junction box	20	20 Watt		IP14	Indoor		120V	24V	5.60 x 2.00 x 2.14
		40	40 Watt							5.60 x 2.00 x 2.14
		60	60 Watt							6.62 x 2.58 x 2.33
		96	96 Watt							6.62 x 2.58 x 2.33
		150	150 Watt							9.80 x 3.00 x 2.74
		200	200 Watt							9.80 x 3.00 x 2.74
		300	300 Watt							10.07 x 4.20 x 3.50