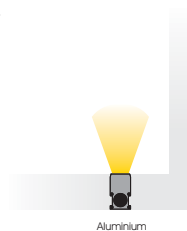


TERANO 40 is the new addition of Terano series. Crafted with top-quality PU (Polyurethane) materials, guaranteeing exceptional durability and weather resistant, and also seamlessly blends into every surrounding, adding a touch of modern elegance into any space.

- TERANO 40 offers excellent uniformity and color consistency.
- Antiglare control with honeycomb and microlouvre, optional for all models.
- Supplied with input cable & IP68 connector as standard.
- Possibility for in-out cables & connectors upon request (as extra) (25cm models available only with input cable connectors).
- Walk Over: Up to 500kg (5kN)
- Maximum Static Load: Up to 2000kg (20kN).
- Ingress Protection: IP68
- IK Rate: IK10
- Cost effective & Constant Power models at 24VDC
- High efficient models from 24VDC up to 48VDC

Constant Power for RGBW & TW models:

- Up to 400% more color intensity (per color) compared to conventional directional models.
- Lighting power remains constant regardless of the selected color combination.



L90/B10 > 50.000h

for Monochromatic models

L70/B10 > 50.000h

for RGBW models





Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

Technical features

Installation: In-ground
LED light source: Diffused lighting / Nichia LED.
Directional lighting / Samsung LED.
Optics: Monochrome: 18°, 25°, 45°, 15°x30°, 18°x40°
RGBW, TW: 12°, 30°, 15°x30°, 12°x45°
Lengths: 25cm, 50cm, 100cm, 150cm, 200cm
No of LEDs (25/50/100/150/200cm): 6/12/24/36/48
Power Supply: From 24VDC up to 48VDC (depending on the model)
Power: 25cm:10W, 50cm:20W, 100cm:40W, 150cm:60W, 200cm:80W
Ingress protection: IP68
Operation Ambient temperature: -25°C... +50°C

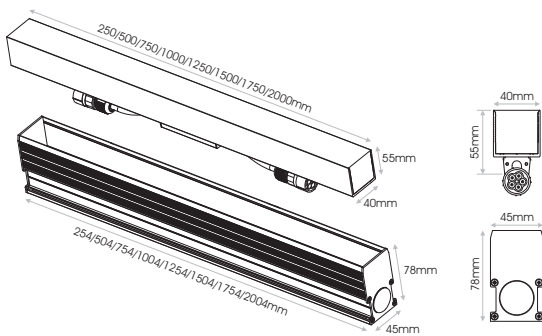
Materials

Main Body: Natural Anodized anti-corodal aluminium, EN AW-6060 T66
Finishes (End caps): Anodized anticorodal aluminium EN AW-5052.
Optics: PMMA collimating lens.
Connectors: PA66 NYLON
Printed Circuit: Insulated metal substrate PCB
Power Cords: Suitable for outdoor use, halogen-free good chemical resistance, cold resistant, UV-resistant, temperature range for fixed installation -50°C to +80°C.
Screws: Stainless Steel

PU (Polyurethane) material:

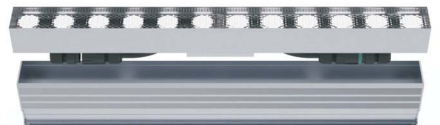
Tri- component polyurethane, transparent or translucent for homogeneous light dispersion.

Fully compliance with: REACH, RoHS and ELV European Directives. EC – Directives 89/109 Contact with Food.
Resistance to: Outdoor – Chemicals – Short term water immersion – Hot water. Thermal Shock – Heat - Abrasion
In accordance to: Florida test, Arizona test, Xenotest, QUV-A test. ACID Rain test ASTM G87. TABER test ASTM D1044. CROCKMETER test ASTM D6279



Aluminium Mounting Box

- ACR.129 25cm
- ACR.130 50cm
- ACR.131 75cm
- ACR.132 100cm
- ACR.133 125cm
- ACR.134 150cm
- ACR.135 175cm
- ACR.136 200cm



Diffused Models



Model	CCT	CRI	Led Source	Diffused Type	Watt / Length*	Voltage	Extras	
TERANO 40 IP68 Diffused <i>(TERANO 4068 DIFF)</i>				42W/m				
	2700K	80	(2780)	6130lm	Opal (OP)	10.5W / 25cm	24VDC (24)	None (0) Honeycomb (1) Microlouvre (2)
	3000K	80	(3080)	6320lm		21W / 50cm		
	4000K	80	(4080)	6500lm		42W / 100cm		
	5700K	80	(5780)	6690lm		63W / 150cm		
						84W / 200cm		
				40W/m				
				TUNABLE WHITE				
	TW	80	(TW80)	5160lm				
				40W/m				
		90	(TW90)	4480lm				
				39W/m				
				RGBW				
	RGBW (2700K)		(RGBW27)	1645lm				
			(RED)	242lm				
		(GREEN)	592lm					
		(BLUE)	172lm					
		(WHITE)	582lm					
RGBW (6000K)		(RGBW60)	1450lm					
		(RED)	168lm					
		(GREEN)	416lm					
		(BLUE)	132lm					
		(WHITE)	678lm					

* 25cm not available for RGBW models.

Ordering Code Example: TERANO 4068 DIFF-3080-OP-42W100-24-1

Standard Directional Models



Model	CCT	CRI	Led Source	Beam Angle	Watt / Length	Voltage	Extras	
TERANO 40 IP68 Directional <i>(TERANO 4068 DR)</i>				40W/m				
	2700K	80	(2780)	3820lm	18° (18)	10W / 25cm	24VDC (24)	Honeycomb* (1) Microlouvre (2)
	2700K	90	(2790)	2970lm	25° (25)	20W / 50cm		
	3000K	80	(3080)	3820lm	45° (45)	40W / 100cm		
	3000K	90	(3090)	3250lm	15°x30° (1530)	60W / 150cm		
					18°x40° (1840)	80W / 200cm		
	4000K	80	(4080)	4100lm				
	4000K	90	(4090)	3820lm				
	5700K	80	(5780)	4385lm				
				40W/m				
				TUNABLE WHITE				
	TW	90	(TW90)	2735lm	12° (12)			
				40W/m				
				1325+1410lm	30° (30)			
					15°x30° (1530)			
				12°x45° (1245)				
			40W/m					
			RGBA					
RGBA (AMBER)		(RGBWA)	1835lm					
RGBW (3000K)		(RGBW30)	2125lm					
RGBW (4000K)		(RGBW40)	2230lm					
		(RED)	410lm					
		(GREEN)	770lm					
		(BLUE)	240lm					
		(AMBER)	415lm					
		(3000K)	705lm					
		(4000K)	810lm					

* Honeycomb not available with 18°, 25° & 12°(TW).

Ordering Code Example: TERANO 4068 DR-4090-45-40W100-24-1



High Efficiency Directional Models

Model	CCT	CRI	Led Source	Beam Angle	Watt / Length	Voltage*	Extras	
TERANO 40 IP68 HE Directional Recessed <i>(TERANO 4068 HEDR)</i>	40W/m							
	2700K	80 (2780)	4765lm	18° (18)	10W / 25cm (10W025)	24~48VDC (2448V)	Honeycomb** (1)	
	2700K	90 (2790)	3710lm	25° (25)	20W / 50cm (20W050)		Microlouvre (2)	
	3000K	80 (3080)	4765lm	45° (45)	40W / 100cm (40W100)			
	3000K	90 (3090)	4060lm	15°x30° (1530)	60W / 150cm (60W150)			
	4000K	80 (4080)	5120lm	18°x40° (1840)	80W / 200cm (80W200)			
	4000K	90 (4090)	4765lm					
	5700K	80 (5780)	5470lm					
	TUNABLE WHITE							
	40W/m							
TW (2700K+5700K)	90 (TW90)	3430lm 1630+1800lm	12° (12) 30° (30) 15°x30° (1530) 12°x45° (1245)					
RGBW								
40W/m								
RGBA (AMBER)	(RGBWA)	2395lm						
RGBW (3000K)	(RGBW30)	2760lm						
RGBW (4000K)	(RGBW40)	2895lm						
(RED)		530lm						
(GREEN)		1010lm						
(BLUE)		320lm						
(AMBER)		535lm						
(3000K)		900lm						
(4000K)		1035lm						

* Input Voltage from 24VDC up to 48VDC
** Honeycomb not available with 18°, 25° & 12°(TW).

Ordering Code Example: TERANO 4068 HEDR-TW90-25-40W/100-2448V-1

High Efficiency Constant Power Operation Models

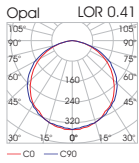
Model*	CCT	CRI	Led Source	Beam Angle	Watt / Length	Voltage	Extras	
TERANO 40 IP68 HE CP Directional <i>(TERANO 4068 HECPRD)</i>	TUNABLE WHITE							
	40W/m							
	TW	90 (TW90)	3455lm	12° (12) 30° (30) 15°x30° (1530) 12°x45° (1245)	10W / 25cm (10W025) 20W / 50cm (20W050) 40W / 100cm (40W100) 60W / 150cm (60W150) 80W / 200cm (80W200)	24VDC (24V)	Honeycomb** (1)	
	(2700K)		3165lm				Microlouvre (2)	
	(5700K)		3740lm					
	RGBW							
	40W/m							
	RGBW (3000K)	(RGBW30)	2020lm					
	(RED)		1775lm					
	(GREEN)		2880lm					
(BLUE)		910lm						
(WHITE)		2520lm						

*High Efficiency Constant Power models can only be driven with Electron constant power drivers.
** Honeycomb not available with 12°.

Ordering Code Example: TERANO 4068 HECPRD-RGBW30-1250-60W/150-24V-1

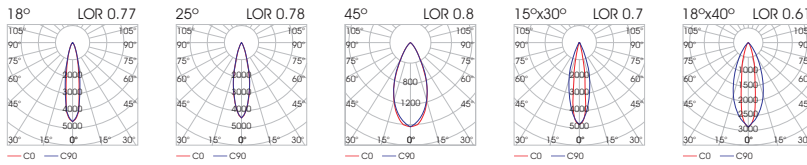
Monochromatic

Diffused Models



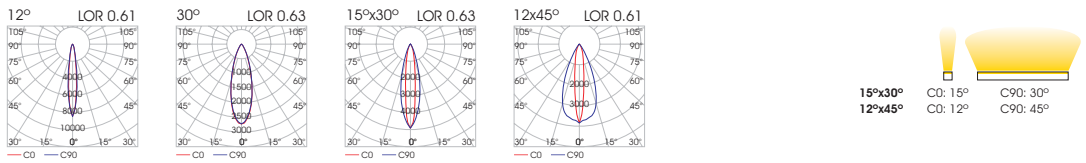
Monochromatic

Standard Directional Models
High Efficiency Directional Models

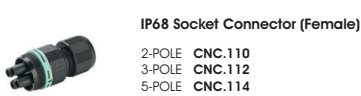


RGBW, TW

Standard Directional Models
High Efficiency Directional Models
High Efficiency Constant Power Operation Models



Accessories



IP68 Socket Connector (Female)
2-POLE **CNC.110**
3-POLE **CNC.112**
5-POLE **CNC.114**



PRH.124
Disassembly kit. Use to take the fixture out of the mounting box.



IP68 Plug Connector (Male)
2-POLE **CNC.111**
3-POLE **CNC.113**
5-POLE **CNC.115**



Extension Cable
2-POLE **WIR.118**
3-POLE **WIR.119**
5-POLE **WIR.120**



CNC.106
IP68 Junction box 4way / 2-5pole

Input & Output cables



CNC.109
IP68 Joint connector 2way / 2-5pole



Input cable with IP connectors
(as standard)



PRH.108
Alignment kit for anodized model



Input & Output cable with IP connectors
(as extra)