# **RANGER 30 RECESSED**

## E12I0015-

base number

Color Temperature

1. To build a product code in our configurator select the specify button on the base model # product page

2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

### GENERAL

Series: Ranger 30	
Brand: Unonovesette	
Division: Exterior	
Mounting Type: Recessed	
Mounting Location: In-Ground	
Subcategory: Drive Over	
PHYSICAL	
Shape: Rectangle	
Length (mm): 510	
Length (in): 20	
Width (mm): 30	
Width (in): 1 <sup>1</sup> / <sub>6</sub>	
Height (mm): 31.5	
Height (in): $1\frac{1}{4}$	
Light Distribution: Direct	
Weight (kg): 0.56	
Weight (lbs): 1.2	
Load Resistance (kg): 5000	
Load Resistance (lbs): 11023	
Fixture Finish: OPW	
Fixture Material: Extruded PMMA with Opal	
Cable Details: IP67 300mm Cable	

#### ELECTRICAL

Lamp Type: LED
Input Wattage (W): 8.1
Total Output Wattage (W): 6.1
Dimming: Non-Dimming / Phase Dimming (120Vac only) / 0-10V Dimming
Driver Included: No
Driver Location: Remote
Driver Type: Constant Voltage - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Output Voltage (V): 24

## LED

Color Temperature	(°K)	· 2200	/ 2700	/ 3000	/ 4000
	( 1)	. 2200	2100	3000	7 4000

Max. Delivered Lumen (lm): 400	
CRI: >90 CRI	
Lamp Life (hrs): 100000	

#### OPTICAL

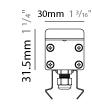
Opticº: 150	C
Beam Angle: Diffused	B
Adjustability: Fixed	A

#### RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards	
IP rating: IP67	
IK Rating: IK10	

517mm 20 1/3"/ 1018mm 40"/ 2020mm 79 1/2"

F



## 510mm 20 1/16"



PROJECT	
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SPECIFIER	
QUANTITY	
DATE	



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# **RANGER 30 RECESSED**

Color

## E12|0016-

base number

Temperature

1. To build a product code in our configurator select the specify button on the base model # product page

2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

### GENERAL

Series: Ranger 30	
Brand: Unonovesette	
Division: Exterior	
Mounting Type: Recessed	
Mounting Location: In-Ground	
Subcategory: Drive Over	
PHYSICAL	
Shape: Rectangle	
Length (mm): 1010	
Length (in): 39 ¾	
Width (mm): 30	
Width (in): 1 <sup>1</sup> / <sub>6</sub>	
Height (mm): 31.5	
Height (in): $1\frac{1}{4}$	
Light Distribution: Direct	
Weight (kg): 0.56	
Weight (lbs): 2.45	
Load Resistance (kg): 5000	
Load Resistance (lbs): 11023	
Fixture Finish: Opal White	
Fixture Material: Extruded PMMA with Opal	
Cable Details: IP67 300mm Cable	

#### ELECTRICAL

Lamp Type: LED
Input Wattage (W): 14.8
Total Output Wattage (W): 12.2
Dimming: Non-Dimming / Phase Dimming (120Vac only) / 0-10V Dimming
Driver Included: No
Driver Location: Remote
Driver Type: Constant Voltage - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Output Voltage (V): 24

## LED

## Color Temperature (°K): 2200 / 2700 / 3000 / 4000

Max. Delivered Lumen (lm): 800	
CRI: >90 CRI	
Lamp Life (hrs): 100000	

## OPTICAL

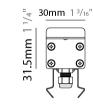
01 110/12	
Optic°: 150	
Beam Angle: Diffused	
Adjustability: Fixed	

## RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards	
IP rating: IP67	
IK Rating: IK10	

517mm 20 1/3"/ 1018mm 40"/ 2020mm 79 1/2"

F

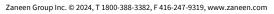


## 1010mm 39 3/4"



PROJECT			
ТҮРЕ			
SPECIFIER			
QUANTITY			_
DATE			





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# **RANGER 30 RECESSED**

Color

## E12|0017-

base number

Temperature

1. To build a product code in our configurator select the specify button on the base model # product page

2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

## GENERAL

Series: Ranger 30	
Brand: Unonovesette	
Division: Exterior	
Mounting Type: Recessed	
Mounting Location: In-Ground	
Subcategory: Drive Over	
PHYSICAL	
Shape: Rectangle	
Length (mm): 2010	
Length (in): 79 <sup>1</sup> / <sub>8</sub>	
Width (mm): 30	
Width (in): 1 <sup>1</sup> / <sub>6</sub>	
Height (mm): 31.5	
Height (in): 1 1/4	
Light Distribution: Direct	
Weight (kg): 2.22	
Weight (lbs): 4.89	
Load Resistance (kg): 5000	
Load Resistance (lbs): 11023	
Fixture Finish: Opal White	
Fixture Material: Extruded PMMA with Opal	
Cable Details: IP67 300mm Cable	

#### ELECTRICAL

Lamp Type: LED
Input Wattage (W): 30
Total Output Wattage (W): 24.4
Dimming: Non-Dimming / Phase Dimming (120Vac only) / 0-10V Dimming
Driver Included: No
Driver Location: Remote
Driver Type: Constant Voltage - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Output Voltage (V): 24

## LED

## Color Temperature (°K): 2200 / 2700 / 3000 / 4000

Max. Delivered Lumen (lm): 1600	
CRI: >90 CRI	
Lamp Life (hrs): 100000	

## OPTICAL

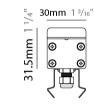
Optic°: 150	
Beam Angle: Diffused	
Adjustability: Fixed	

## RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards	
IP rating: IP67	
IK Rating: IK10	

517mm 20 1/3"/ 1018mm 40"/ 2020mm 79 1/2"

F



#### 2010mm 79 1/8"



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# ZANEEN.

## **RANGER 30 RECESSED**

## E12I0030-RGBW

base number

1. To build a product code in our configurator select the specify button on the base model # product page

2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

#### GENERAL

GENERAL
Series: Ranger 30
Brand: Unonovesette
Division: Exterior
Mounting Type: Recessed
Mounting Location: In-Ground
Subcategory: Drive Over
PHYSICAL
Shape: Rectangle
Length (mm): 510
Length (in): 20
Width (mm): 30
Width (in): 1 <sup>1</sup> / <sub>6</sub>
Height (mm): 31.5
Height (in): 1¼
Light Distribution: Direct
Weight (kg): 0.56
Weight (lbs): 1.2
Load Resistance (kg): 5000
Load Resistance (lbs): 11023
Fixture Finish: Opal White
Fixture Material: Extruded PMMA with Opal
Cable Details: IP67 300mm Cable
ELECTRICAL
Lamp Type: LED
Input Wattage (W): 11.5
Dimming: DMX
Control Gear: DMX
Driver Included: No
Driver Location: Remote
Driver Type: Constant Voltage - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277

## Input Voltage (V): 120 - 277

Output Voltage (V): 24

## LED

Color Temperature (°K): RGBW	
CRI: >90 CRI	
Lamp Life (hrs): 100000	

· · · · · · · · · · · · · · · · · · ·	
Special LEDs offerings: RGBW	
opecial LEDS offerings. Robin	

## OPTICAL

Optic°: 150	
Beam Angle: Diffused	
Adjustability: Fixed	

## RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards	
IP rating: IP67	
IK Rating: IK10	

517mm 20 1/3"/ 1018mm 40"/ 2020mm 79 1/2"



## 510mm 20 1/16"



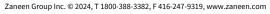
2020mm 79 1/2"





PROJECT TYPE SPECIFIER

QUANTITY DATE



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## **RANGER 30 RECESSED**

## E12I0031-RGBW

base number

1. To build a product code in our configurator select the specify button on the base model # product page

2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

## GENERAL

GENERAL
Series: Ranger 30
Brand: Unonovesette
Division: Exterior
Mounting Type: Recessed
Mounting Location: In-Ground
Subcategory: Drive Over
PHYSICAL
Shape: Rectangle
Length (mm): 1010
Length (in): 39 <sup>3</sup> / <sub>4</sub>
Width (mm): 30
Width (in): 1 <sup>1</sup> / <sub>6</sub>
Height (mm): 31.5
Height (in): $1\frac{1}{4}$
Light Distribution: Direct
Weight (kg): 0.56
Weight (lbs): 2.45
Load Resistance (kg): 5000
Load Resistance (lbs): 11023
Fixture Finish: Opal White
Fixture Material: Extruded PMMA with Opal
Cable Details: IP67 300mm Cable
ELECTRICAL
Lamp Type: LED
Input Wattage (W): 23
Dimming: DMX
Control Gear: DMX
Driver Included: No
Driver Location: Remote
Driver Type: Constant Voltage - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Output Voltage (V): 24

#### LED

Color Temperature (°K): RGBW

CRI: >90 CRI	
Lamp Life (hrs): 100000	
Special LEDs offerings: RGBW	_

## OPTICAL

Optic°: 150	

Beam Angle: Diffused	
Adjustability: Fixed	

## **RATINGS AND CERTIFICATIONS**

Certified By: Certified for North American Standards						
IP rating: IP67						
IK Rating: IK10						

517mm 20 1/3"/ 1018mm 40"/ 2020mm 79 1/2"



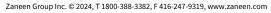
## 1010mm 39 3/4"



PROJECT

TYPE SPECIFIER QUANTITY DATE





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# ZANEEN.

## **RANGER 30 RECESSED**

## E12I0032-RGBW

base number

1. To build a product code in our configurator select the specify button on the base model # product page

2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

### GENERAL

GENERAL
Series: Ranger 30
Brand: Unonovesette
Division: Exterior
Mounting Type: Recessed
Mounting Location: In-Ground
Subcategory: Drive Over
PHYSICAL
Shape: Rectangle
Length (mm): 2010
Length (in): 79 $\frac{1}{8}$
Width (mm): 30
Width (in): 1 <sup>1</sup> / <sub>6</sub>
Height (mm): 31.5
Height (in): 1 ¼
Light Distribution: Direct
Weight (kg): 2.22
Weight (lbs): 4.89
Load Resistance (kg): 5000
Load Resistance (lbs): 11023
Fixture Finish: Opal White
Fixture Material: Extruded PMMA with Opal
Cable Details: IP67 300mm Cable
ELECTRICAL
Lamp Type: LED
Input Wattage (W): 46
Dimming: DMX
Control Gear: DMX
Driver Included: No
Driver Location: Remote
Driver Type: Constant Voltage - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Output Voltage (V): 24
LED

#### LED

Color Temperature (°K): RGBW

CRI: >90 CRI	
Lamp Life (hrs): 100000	
Special LEDs offerings: RGBW	

## OPTICAL

Optic°: 150	

Beam Angle: Diffused	
Adjustability: Fixed	

#### RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards						
IP rating: IP67						
IK Rating: IK10						

517mm 20 <sup>1</sup>/3"/ 1018mm 40"/ 2020mm 79 <sup>1</sup>/2"



## 2010mm 79 1/8"



PROJECT TYPE SPECIFIER QUANTITY DATE



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RANGER 30 COLOR FINISH CHAR PROJECT

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PROJECT			

**Fixture Finish** 

Digital: Not all screens are calibrated the same, and therefore, colors will appear differently between screens. Physical: When texture is involved, there will be variations in color, character and tone within a product series and between product families.

E

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# **RANGER 30**

PROJECT

TYPE SPECIFIER

QUANTITY

DATE

## LEGEND

_		_				
↓_	floor-mounted	¥	pivotable	$\circledast$	special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+	
フ	wall and ceiling: recessed and surface mounted	C	rotating	0	warm dim / natural dimming LED	
Î	ceiling-mounted and wall-mounted	Œ	illuminate tilted	Ø	rechargeable battery powered	
$\rightarrow$	wall-mounted	T	color of suspension cable	1111 1140	fixture with natural vivid LED (upon request)	
Y	omni-directional light distribution	÷	length of suspension cable	CRI	color rendering index	
À	direct light distribution	Δ	reflector degree selection	<b>°К</b>	color temperature	
	direct/indirect light distribution	s s	super spot	LM	lumen (luminous flux)	
$\mathbf{\mathbf{x}}$	indirect light distribution	Å	lens	₩.	efficacy (lumens per watt)	
	asymmetric light distribution	Ð	lens pack	UGR	Unified Glare Rating (UGR) range from 5-40	
Ä	aura light distribution	0	shine ring	318	marine grade (AISI 316 stainless steel)	
R	round wall or ceiling cut-out	$\odot$	integrated shine ring with diffuser	٢	walk on	
5	square wall or ceiling cut-out	Ċ	free individual colors 01-29	۲	drive on	
୶ୖୣୣୖ୶	the supplied jig specifies the cutout dimensions	Ċ	individual colors: 00 (free of charge), 01-25 (extra charge)	DSC	Dark Sky Compliance	
(++)	minimum distance (meters) lamp - object	۲	luminaire part to be colored (F1)	Ġ	Americans with Disabilities Act (less than 4" off the wall located between 27"-84" from floor)	
£	recessed depth		luminaire part to be colored (F2)		lamp protected against explosion	
+→	ceiling thickness in mm		luminaire part to be colored (F3)		blown glass using traditional methods by master glass blower	
	ceiling thickness selection		luminaire part to be colored (F4)	ۥ	acoustic material	
	dimmable DP (phase), DV (0-10V), DD (dali), DS (step-dim)		luminaire part to be colored (F5)		protection class I, protection insulation	
<b>4</b>	included or excluded LED driver/transformer/ control gear		color of 3-circuit adaptor		protection class II, protection insulation	
γ	separately switchable	$\odot$	indirect diffuser		ETL Certified to UL and CSA Standards	
シリ	sensor	D	direct diffuser	c (UL) us	UL Certified to UL and CSA Standards	
()	remote control	$\boldsymbol{\Theta}$	ball-proof (upon request)	SP:	CSA Certified to UL and CSA Standards	
2	available upon request	U	accessory	Z	Certified for North American Standards	

# **IP RATING**

IP20	protected against ingress of solid bodies greater than 12.5mm (finger)
IP33	protected against ingress of solid bodies greater than 2.5mm protected against sprays of water up to 60 degrees from the vertical (rain)
IP40	protected against ingress of solid bodies greater than 1mm (wire) no protection against the ingress of moisture
IP43	protected against ingress of solid bodies greater than 1mm (wire) protected against sprays of water up to 60 degrees from the vertical (rain)
IP44	protected against ingress of solid bodies greater than 1mm (wire) protected against water splashed from all directions
IP54	protected against limited ingress of dust (wet rooms/covered outdoor areas) protected against water splashed from all directions
IP65	protected against ingress of dust protected against jets of water
1966	protected against ingress of dust protected against powerful jets of water or heavy seas
IP67	protected against ingress of dust protected against immersion of water between 15cm - 1m for 30 minutes
1968	protected against ingress of dust protected against immersion of water under pressure for long periods

# **IK RATING**

КО1	protected against 0.14 joules impact (equivalent to 0.25kg mass dropped from 56mm above the surface)
IK02	protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm above the surface)
КОЗ	protected against 0.35 joules impact (equivalent to 0.25kg mass dropped from 140mm above the surface)
IK04	protected against 0.5 joules impact (equivalent to 0.25kg mass dropped from 200mm above the surface)
КО5	protected against 0.7 joules impact (equivalent to 0.25kg mass dropped from 280mm above the surface)
КОб	protected against 1 joules impact (equivalent to 0.25kg mass dropped from 400mm above the surface)
IK07	protected against 2 joules impact (equivalent to 0.5kg mass dropped from 400mm above the surface)
КОВ	protected against 5 joules impact (equivalent to 1.7kg mass dropped from 300mm above the surface)
1609	protected against 10 joules impact (equivalent to 5.0kg mass dropped from 200mm above the surface)
К10	protected against 20 joules impact (equivalent to 5.0kg mass dropped from 400mm above the surface)