

VC30



Elevated Taxiway & Heliport Light

Compliances: ICAO Annex 14
NATO STANAG Specs 3316
NATO STANAG Specs 3619
FAA AC 150/5345-46 (L-861T)



VC30

Applications

The VC30 is a medium intensity omnidirectional elevated light. The VC30 lights are used for taxiway and apron edge lighting, and heliport lighting, for both constant current and voltage circuits.

Features

LENS: heat resistant symmetric glass: clear, yellow or blue for heliport light and blue for taxiway airport light.

BODY: die-cast aluminium, is complete with a suitable support for the lampholder, GY 9.5 or GY 6.35 type. The lens is fixed to the body by means of twist-lock method.

COLUMN: the body is balanced on a die-cast aluminium column and fixed to it by means of four levelling screws. The column is provided with a breakable groove, meeting FAA Specs, with lower 2" male thread. The column is locked to the pipe elbow by means of a galvanized steel threaded ring nut.

CABLE LEAD: two, single-pole neoprene leads, size 2.5 sq mm, 0.300 m long, with FAA L-823 plug. The leads are equipped with female faston terminal.

LAMPS: 30W or 45W tungsten-halogen, 6.6A, GY 9.5 base, 1000 hour rated life; 45W tungsten-halogen, 6.6A, G 6.35 base, 1200 hour rated life; 50W tungsten-halogen, 12V, GY 6.35 base, 2000 hour rated life. Refer to Table A on this page for the correct lamp rating.

SCREEN: spun aluminium, can be mounted inside the lens to provide a 180° beam.

DAYMARKER CONE: spun aluminium, is available on request.

GROUNDING: a suitable screw is provided.

INSTALLATION: on pipe elbow or baseplate. On request a suitable ring with level is supplied for precise levelling of the light.

Applications

To the basic part number add the type of light, the colour of the lens and the lamp. If required, any option can be added.

EXAMPLE:

VC30T-B-30 is a taxiway edge light with blue lens, complete with a 30 W lamp, 6,6 A GY 9,5 base.

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Basic Part

Number :

Type of Light :

T = Taxiway

H = Heliport

*S = STANAG Heliport

Colour :

B = Blue

C = Clear

Y = Yellow

Lamp :

30 = 1x30W 6.6A GY 9.5 Base

45 = 1x45W 6.6A GY 9.5 Base

46 = 1x45W 6.6A G 6.35 Base

**50 = 1x50W 12V GY 6.35 Base

Options :

C = Daymarker Cone

S = 180° Screen

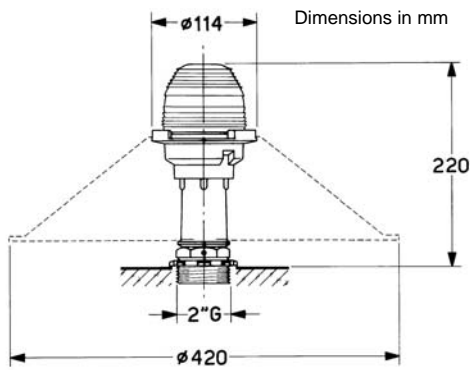
(*) = Only for Yellow Lights

(**) = Only for Heliports

TABLE A

SPESC	APPLICATION	COLOUR		
		BLU	YELLOW	CLEAR
ICAO – FAA STANAG	Taxiway and Apron Edge	30W 6.6A 45W 6.6A		
ICAO STANAG	HELIPORT Perimeter		45W 6.6A 50W 12V	
ICAO	FATO Perimeter			45W 6.6A 50W 12V
STANAG	Heliport Landing Direction		45W 6.6A 50W 12V	
STANAG	Heliport Approach			45W 6.6A 50W 12V

Outline Drawings



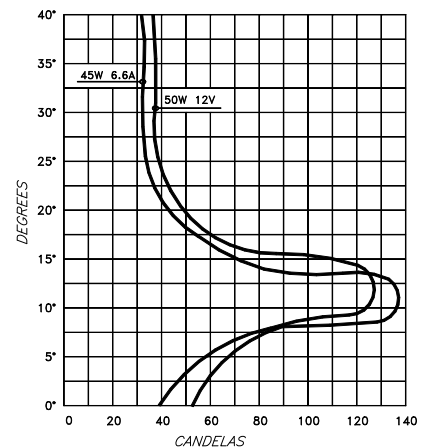
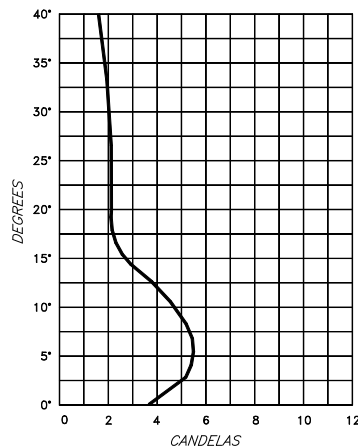
Instruction Manual: VC30T UT-MT-049
VC30H UT-MT-050
VC30S UT-MT-050

VC30 **Cone**
(without cone) (one piece)

Shipping Weight 1.3 Kg 0.4 Kg
Shipping Volume 0.009 cu.m 0.003 cu.m

Technical Data

- Candlepower distribution 30W 6.6A lamp
- Blue light
- Candlepower distributions 45W 6.6A and 50W 12V lamps
- ICAO yellow light



Accessories

Part Number	Description
013.0010	Set of two ryton rings for receptacle support inside pipe elbow
013.0008	Galvanized steel pipe elbow with upper threaded end only
315.3210	Galvanized steel pipe elbow with both threaded ends
315.1228	Base L-867, Class I, Size B, 24" deep
315.1062	Baseplate for L-867 base with gasket and cable clamp (2"-11 Gas thread)
011.1509	Transformer for parallel circuits 50W, 220/12V
011.1510	Transformer for parallel circuits 50W, 380/12V
332.3250	Ring for levelling

Renewal Parts

Part Number	Description
317.0035	Blue symmetric lens
317.0040	Yellow symmetric lens
317.0055	Clear symmetric lens
758.2006	Gasket for lens
760.2140	30W tungsten-halogen lamp, 6.6A, GY 9.5 base
760.2220	45W tungsten-halogen lamp, 6.6A, GY 9.5 base
760.2102	45W tungsten-halogen lamp, 6.6A, G 6.35 base
760.2160	50W tungsten-halogen lamp, 12V, GY 6.35 base
324.2110	GY 9.5 lampholder
324.2090	GY 6.35 lampholder
323.2220	L-823 two-pole plug with cable leads, 0.300 m long, with female faston terminals
155.8020	Breakable column with ring nut and hardware
786.1001	Ring nut for breakable column
321.7070	180° screen opaque
321.0530	Daymarker cone
303.4260	Body



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