



# DEMETER V SPECIFICATION

HBL05/180/8XX/44FR

22FR & 44FR

Excellent thermal design; uniform and consistent color; universal voltage 100-277V; LM-80 L90 LED chips; operating temp: -30°C~50°C ; different installation kit available; dimming 0-10V.

## Product data

### General Information

Light source replaceable	NO
Number of gear units	1
Driver/power unit/transformer	Power supply unit
Driver included	Yes
Optic type	Symmetrical
Optical cover/lens type	-
Luminaire light beam spread	Flood
Sensor socket	-
Cable length	Cable 0.3m without plug
Protection class IEC	-
Certifications	cETLus, FCC, DLC5.1 Premium
Lifetime (hour)	50000
EU RoHS compliant	Yes

Light source engine type	LED
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## Operating and Electrical

Input voltage	120-277V/120-347V/277-480V(12V)
Input frequency	50/60Hz
Current	1.5A(120-277V)/1.5A(120-347V)/0.7A(277-480V)
THD	<20%
Power factor (min)	0.9

## Mechanical and Housing

Housing material	Aluminum
Reflector material	-
Optical cover/lens material	PC
Optical cover/lens finish	Clear
Product dimensions mm	1113.2*405.2*63.8
Product dimensions (inch)	43.82*15.95*2.48
Product color	White

## Approval and Application

Ingress protection code	20
Mech.impact protection code	-

## Initial Performance (IEC Compliant)

Light output	24300
Luminous flux tolerance	+/-10%
Efficacy	135
Init.Corr.Color Temperature	3000K/4000K/5000K
Init.Color Rendering Index	80
Initial input power	180W
Power consumption tolerance	+/-10%

## Application Conditions

Ambient temperature range	-30°C-50°C
Dimming	0-10V

## Logistical Data

Order product name	HBL05/180/8XX/44FR
Net weight (piece)	-
Gross weight (piece)	-
Packaging dimensions (mm)	-
Packaging dimensions (inch)	-
Packaging unit (piece)	-

Volumen (m <sup>3</sup> )	-
Volumen (ft <sup>3</sup> )	-

## Application

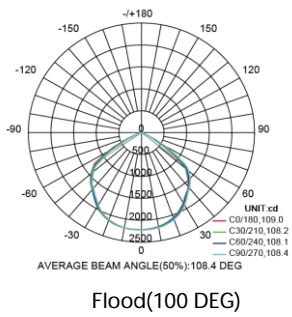
Warehouse Lighting

Workshop Lighting

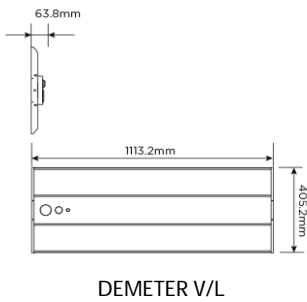
Hospital Lighting

Hotel Lighting




## Light Distribution & Spectrum



## Dimensional drawing



## Accessories

Material	Description
 Wire Guard/2	
 PIR Sensor	
 Emergency Driver	

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