

Features

- No multiple light spot effect
- With an external constant current transformer
- Low temperature rise
- Nichia LEDs with 50K hours life at L70, with IES LM-80-08 certified
- Options for minimum CRI 80 and 90
- High number switching cycles
- System efficacy up to 88 lm/W
- Suitable for emergency lighting kit
- Nano-coated aluminium reflector
- Anode oxide aluminum body
- No ultraviolet light emission
- Dimmable with optional 1-10V or DMX-512 drivers
- Complies with EN 61347-1:2013, EN 61347-2-13:2014, EN 62384:2006, EN 60598-1:2015, EN 60598-2-2:2012, EN 61000-3-2:2009, EN 61547:2009, EN 55015:2009
- Complies with RoHS directive



Specifications

LED power	20W
Total harmonic distortion	<15%
LED lumen maintenance	70% after 50K hrs
Ambient temperature (t_a)	-10 ... +50°C
Max. temperature rise (Δt)	30°C
Ceiling cut-out	200mm
Trim diameter	230mm

Transformer Options

Transformer	Input Supply (VAC)	Dimming Interface	Power Factor	Vout (V)	Iout (mA)	Circuit Power (W)
HLT-550-42	220-240	-	>0.95	35.5	550	22.3
HLT-550-42A	220-240	1-10V DC	>0.95	35.5	550	22.3
HLT-550-42X	220-240	DMX-512	>0.95	35.5	550	22.3

Standard Models

Model	Beam Angle (°)	CRI	Color Temp (K)	Lumen (lm)
HLD-V820W-827	90	>80	2700	1900
HLD-V820W-830	90	>80	3000	1900
HLD-V820W-840	90	>80	4000	2100
HLD-V820W-865	90	>80	6500	2100
HLD-V820W-927	90	>90	2700	1900
HLD-V820W-930	90	>90	3000	1900
HLD-V820W-940	90	>90	4000	2100
HLD-V820W-965	90	>90	6500	2100