

PANEL HIGH BAY LIGHT-UFO RE

Power 100-300W


Note: Product performance of QUEENDOM is measured at AC 220V input and LED junction temperature Tj = 25°C.

SPECIFICATIONS DRIVER(AC POWERED)					
Metric	UFOPGT***RB & UFOPGT**WW				
VOLTAGE & FREQUENCY: (VAC)	AC:85-165V/165-230V & 50/60Hz				
AC DERATED POWER – TYPICAL (W)	100	150	200	240	300
POWER FACTOR (PF)	>0.95	>0.95	>0.95	>0.95	>0.95
DIMMABLE	Optional 0-10V, PWM				
WORKING TEMPERATURE (°C)	-35°C – +85°C				
Driver Lifetime	50 000h (L90>36 000h)				
Water and dust protection	IP65				
PHOTOELECTRIC PROPERTIES					
TYPICAL WAVELENGTH (nm)	370-730nm	370-730nm	370-730nm	370-730nm	370-730nm
PHOTOSYNTHETIC PHOTON FLUX: PPF (μmol/s)	270	405	540	648	810
EFFICACY – AC DERATED PPE (μmol/J)	2.7	2.7	2.7	2.7	2.7
PHOTON EFFICACY: PEPBAR (μmol/J)	3.02	3.02	3.02	3.02	3.02
TYPICAL SPECTRAL HALF-WIDTH (NM)	10	10	10	10	10
PRODUCT PERFORMANCE					
SIZE(MM)	300x45mm	350*49mm	350*49mm	380x49mm	380x49mm
BEAM ANGLE (°)	90° (60°, 120°, asymmetric)				
INSTALLATION METHOD	Hoisting (suspended)				
Standards & Compliance	UL 8800 / EN 62471/RoHS)				

PRODUCT MODEL CODE CORRESPONDING SKU TABLE

PRODUCT	RANK NO.	SIZE	POWER		TYPICAL			SPECTRAL MATCHING			PPF/μ	EFFECT PPF/W
		(mm)	(W)	(VF/V)	MIN	MID	MAX	RED	BULE	INFR	mol/s/s	
PGT100RB	UFOPGT110	300x45mm	100	165-265V	450	/	660	60%	40%	/	280	2.8
PGT150RB	UFOPGT111	350*49mm	150	165-265V	450	/	660	60%	40%	/	420	2.8
PGT200RB	UFOPGT112	380x49mm	200	165-265V	450	/	660	60%	40%	/	560	2.8
PGT300RB	UFOPGT113	380x49mm	300	165-265V	450	/	660	60%	40%	/	840	2.8
PRODUCT	RANK NO.	SIZE	POWER		NOMINAL(CCT/K)			SPECTRAL MATCHING			PPF/μ	EFFECT PPF/W
		(mm)	(W)	(VF/V)	MIN	MID	MAX	Warm	Neutral	True	mol/s/s	
PGT100WW	UFOPGT114	300x45mm	100	165-265V	3000	/	6000	30%	70%	/	300	3.0
PGT150WW	UFOPGT115	350*49mm	150	165-265V	3000	/	6000	30%	70%	/	450	3.0
PGT200WW	UFOPGT116	380x49mm	200	165-265V	3000	/	6000	30%	70%	/	600	3.0
PGT300WW	UFOPGT117	380x49mm	300	165-265V	3000	/	6000	30%	70%	/	900	3.0