



480W IP66 Moving Hybrid With CMY

The EK H1 IP is a precision-engineered hybrid luminaire that embodies EK's philosophy of structural logic and reliable performance.

Its optical and mechanical systems are designed around stability, control, and luminous efficiency — delivering consistent, high-intensity output under any condition during its whole 4000hour lamp life.

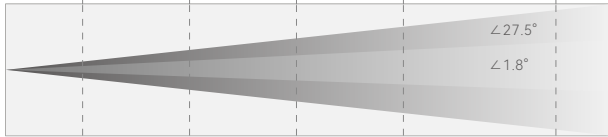
With a 27.8 KG, fully sealed IP66-rated compact structure, an advanced CMY + CTO + 15-filter colour system, a fatter and more parallel beam, and an extended service time, the H1 IP stands as a statement of industrial reliability and optical excellence.

Beam Mode (1.8°)

Diameter(m)	20	40	60	80	100
LUX	151000	37750	16780	9440	6040
Distance(cm)	63	126	188	251	314

Beam Mode (27.5°)

Distance(m)	3	5	10	15	20
LUX	38200	13720	3440	1536	860
Diameter(cm)	160	266	533	800	1066

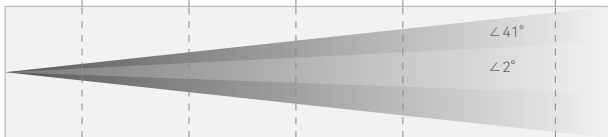


Spot Mode (2°)

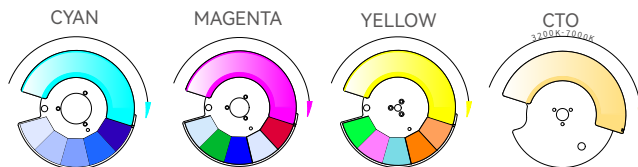
Distance(m)	10	20	50	70	100
LUX	155600	38900	6224	3180	1560
Diameter(cm)	35	69	174	244	349

Spot Mode (41°)

Distance(m)	3	5	7	10	15
LUX	6940	2495	1270	622	277
Diameter(cm)	230	383	536	766	1149



Color System



Rotating Gobo



Animation



Fixed Gobo



PHOTOMETRICS

Light Source	480W discharge lamp
Output	16200 lumens
Color Temperature	7000K±400 @ Spot Mode; 6800±400 @ Beam Mode
CRI	Ra≥75
Lamp Life	4000 hours
Zoom Range	Beam Mode: 1.8° - 27.5°; Spot Mode: 2° - 41°

KEY FEATURES

Pan	540°
Tile	270°
Color System	CMY+CTO(3200-7000K)+15 filters + open
Gobo System	8 rotateble + open 19 fixed + open
Animation	Animation wheel with variable speed
Focus	Electronic focus
Zoom Range	Beam Mode: 1.8° - 27.5°; Spot Mode: 2° - 41°
Frost	Glass frost
Strobe	0 ~ 12Hz
Dimming	0 ~ 100% linear
Prism	Indexable, 4-f and 8-f prisms

CONTROL

Protocol	DMX512/RDM
DMX Channel	32CH
Data Connections	3pin(or 5pin) XLR In/Out, linking up to 32pcs
Display	2.8-inch TFT display

POWER

Mains	100 ~ 240V, 50 ~ 60Hz
Consumption	Dynamic: 646W@230V Static: 620W@230V
Power Connections	TrueCon In/Out linking up to 3pcs@230V, linking up to 1pcs@100V
Power Factor	0.96@230V
Working Ambient	-20°C ~ 45°C

PHYSICAL

Dimension	429*270*648.5mm
Weight	27.8Kg
IP Rating	IP66
Cooling System	Low noise IP fan
Housing	Diecast magnesium with matte black finish

