

Report No.: ORE-HBL-240W

Test Time: 2018/8/29 13:27

## Luminaire Property

Luminaire Manufacturer: ORE LIGHTING INC

Luminaire Category: High Bay Light

Lamp Catalog: SMD

Number of Lamps: 498

Luminous Length (mm): 210mm

Luminous Height (mm): 1.6mm

Current: 1.2 A

Power Factor: 0.99

Luminaire Description: ORE-HBL-240W

Lamp Description: 3030

Lumens per Lamp: 36000/240w

Luminous Width (mm): 210mm

Voltage: 218v

Power: 244w

## Photometric Results

IES NEMA Type: 7H x 7V

Measurement Flux: 35029lm

Field Lumens: 34503lm

Field Angle: H155.4, V155.9 Luminaire

Efficacy Rating (LER): 144 Max.

Intensity: 12094 cd

Total Rated Lamp Lumens: 36000lm

Efficiency: 97%

Field Efficiency: 96%

Beam Angle: H117.5, V114.2

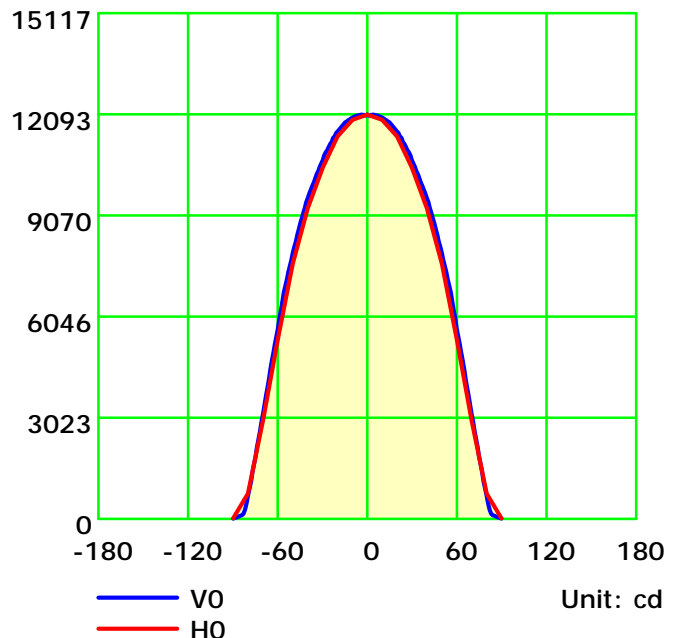
Central Intensity: 12094 cd

Pos of Max. Intensity: H0 V0

Picture Of Luminaire



Luminous Intensity Distribution Curve



B Plane (°):0.0-90.0: 10.0

Test Lab: ORE

Test Type: TYPE B

Temperature:

Operator:

Beta Plane (°):0.0-90.0:1.0

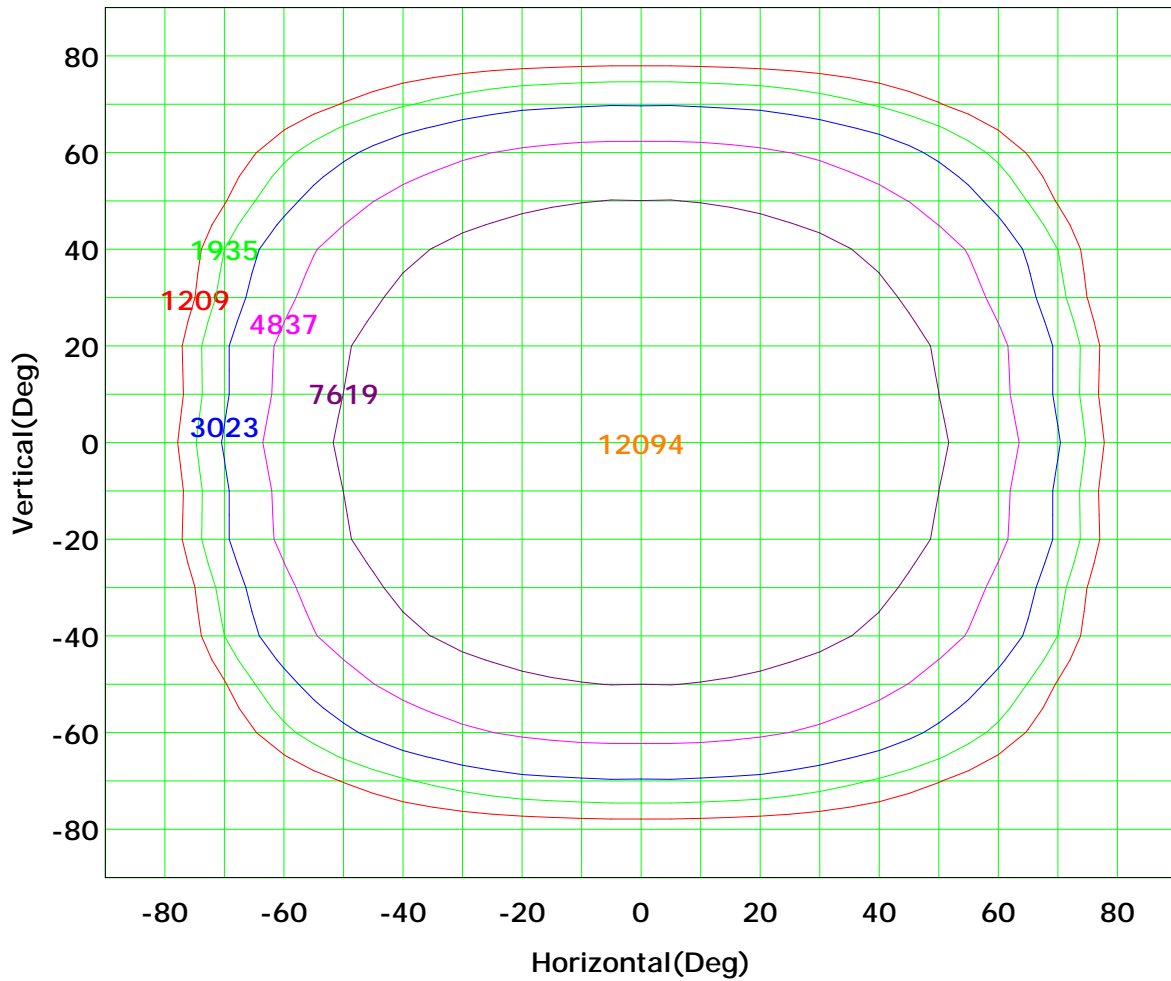
Test Device: GPM-1800B

Distance: 14.835 m

Humidity:

Inspector:

## Isocandela (rectangle)



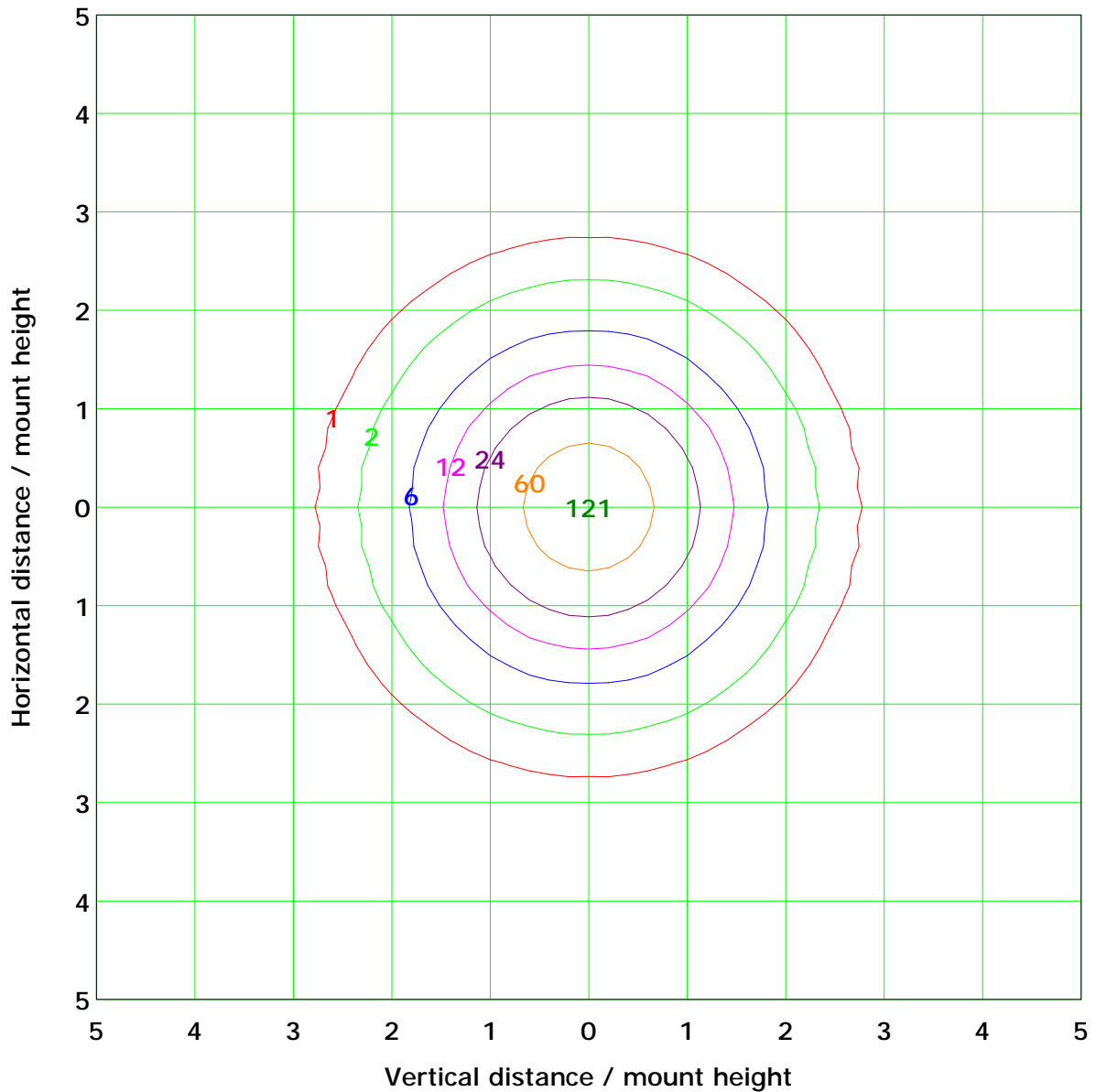
Imax (100%): 12094 cd

— ( 10%): 1209 cd	— ( 16%): 1935 cd
— ( 25%): 3023 cd	— ( 40%): 4837 cd
— ( 63%): 7619 cd	— (100%): 12094 cd

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Beta Plane (°):0.0-90.0:1.0  
 Test Device: GPM-1800B  
 Distance: 14.835 m  
 Humidity:  
 Inspector:

## IsoLux Plot

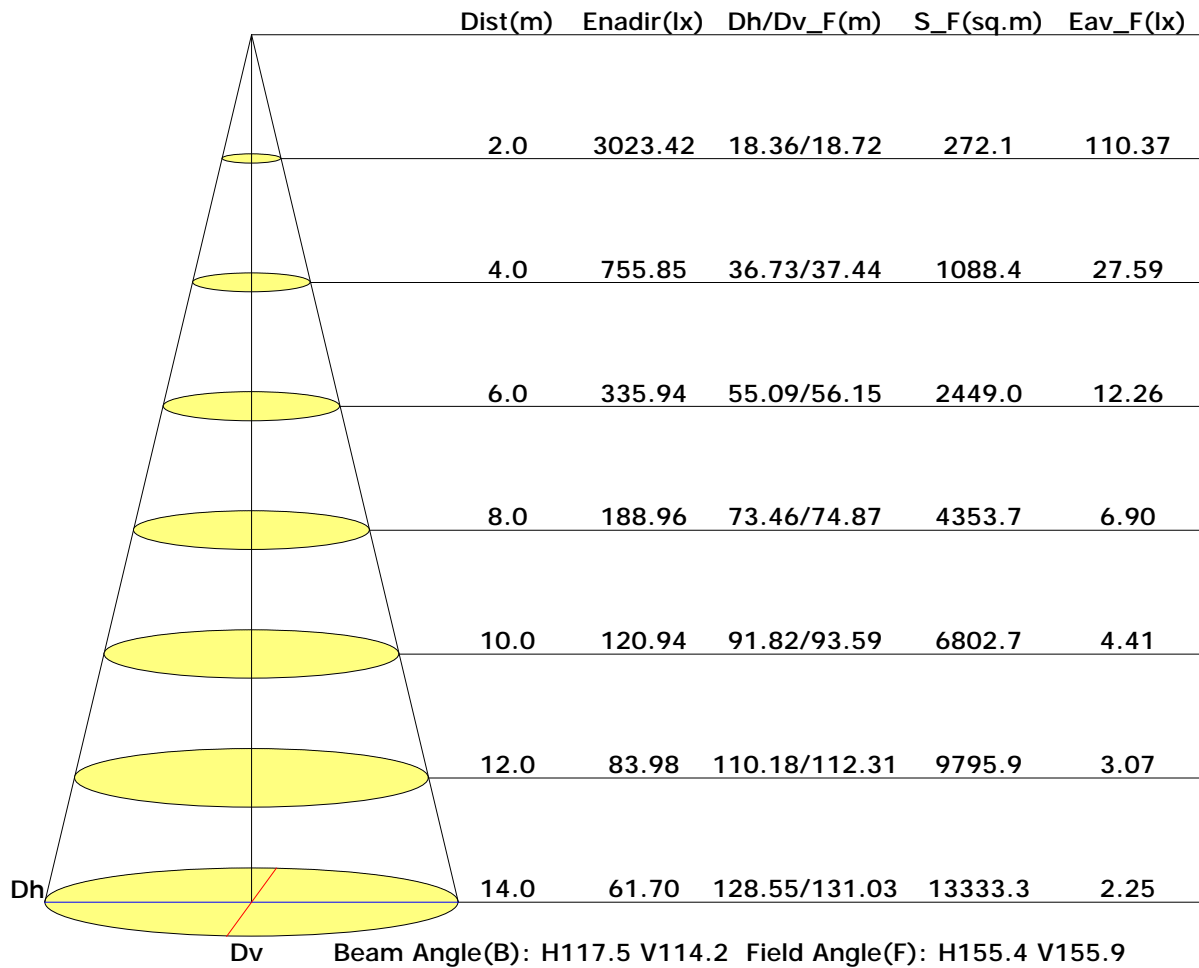


<b>Mounting Height: 10.0m    Max Lux(100%): 120.9 lx</b>	
— ( 1%): 1.2 lx	— ( 2%): 2.4 lx
— ( 5%): 6.0 lx	— ( 10%): 12.1 lx
— ( 20%): 24.2 lx	— ( 50%): 60.5 lx
— (100%): 120.9 lx	

B Plane (°):0.0-90.0: 10.0  
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 Test Type: TYPE B  
 Temperature:  
 Operator:

Beta Plane (°):0.0-90.0:1.0  
 Test Device: GPM-1800B  
 Distance: 14.835 m  
 Humidity:  
 Inspector:

## Illuminance at a Distance



B Plane (°):0.0-90.0: 10.0  
 Test Lab: ORE  
 Test Type: TYPE B  
 Temperature:  
 Operator:

Beta Plane (°):0.0-90.0:1.0  
 Test Device: GPM-1800B  
 Distance: 14.835 m  
 Humidity:  
 Inspector:

### Area Flux Table

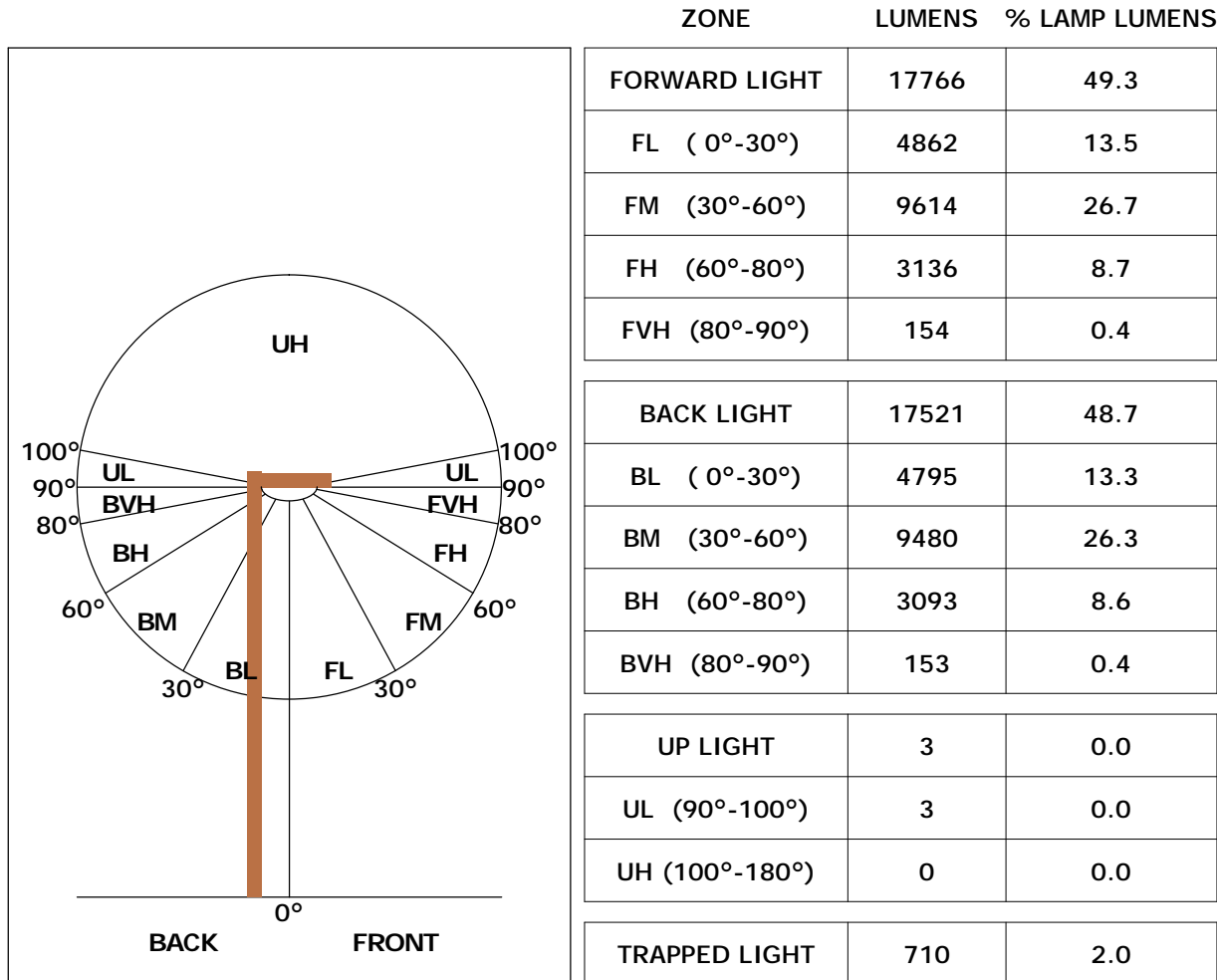
Unit: lm

		Vertical plane																																			
		-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90																	
Flux(E)	0.0	90.7	497.5	1140.0	1900.0	2642.2	3284.8	3736.2	3959.6	3959.6	3736.2	3284.8	2642.2	1900.0	1140.0	497.5	90.7	0.0	Flux(T)	5.2	126.7	526.0	1168.6	1930.2	2673.8	3318.2	3771.0	3994.9	3994.9	3771.0	3318.2	2673.8	1930.2	1168.6	526.0	126.7	5.2
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B Plane (°): 0.0-90.0: 10.0  
 Test Lab: ORE  
 Test Type: TYPE B  
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Beta Plane (°): 0.0-90.0: 1.0  
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 Humidity:  
 Inspector:

**FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM**



BUG(Backlight,Uplight,Glare) Rating Base On TM-15-07	
Asymmetrical Luminaire Types (Type I,II,III,IV)	B5 U5 G4
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B5 U5 G2

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 Distance: 14.835 m  
 Humidity:  
 Inspector: