

FLAT R SURFACE

D12062

GENERAL

Series: Flat R Division: Design Mounting Type: Surface Mounting Location: Ceiling

Subcategory: Ambient **PHYSICAL** Shape: Rectangle Length (mm): 597 Length (in): 23 $\frac{1}{2}$ Width (mm): 222 Width (in): 8 3/4 Height (mm): 83 Height (in): 3 1/4 Extension (mm): 83 Extension (in): 3 1/4 Light Distribution: Direct Weight (kg): 2.73 Weight (lbs): 6 Diffuser: Opal White Satin Acrylic Fixture Finish: Chrome Fixture Material: Metal **ELECTRICAL**

Number of Lamps: 2 Lamp Type: T5 Fluorescent Bulb Included: Bulb Not Included Total Output Wattage (W): 48 Max. Wattage Per Lamp (W): 24 Lamp Base: G5 Dimming: Non-Dimmable Driver Included: Yes Driver Location: Integrated Driver Type: Ballast - Universal Driver Class: Class 2 Input Voltage (V): 120 - 277 Upon Request: Integral: Phase dimming / Lutron

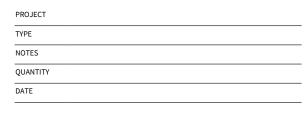
LED

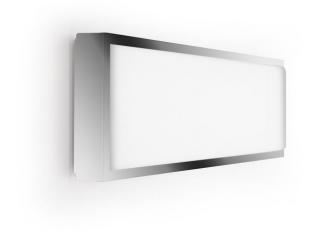
OPTICAL

RATINGS AND CERTIFICATIONS

Certified By: CSA Certified to UL and CSA Standards

IP rating: IP20







597mm 23 1/2"





FLAT R SURFACE

D12063

GENERAL	
Series: Flat R	
Division: Design	
Mounting Type: Surface	
Mounting Location: Ceiling	
PHYSICAL	

PHYSICAL
Shape: Rectangle
Length (mm): 901
Length (in): 35 ½
Width (mm): 222
Width (in): 3 ¹ / ₄
Height (mm): 83
Height (in): 3 1/4
Extension (mm): 51
Extension (in): 2.0
Light Distribution: Downlight
Weight (kg): 4.55

Weight (lbs): 10	
Diffuser: Opal White Satin Acrylic	
Fixture Finish: WHI	
Fixture Material: Aluminum	

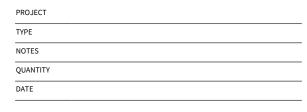
ELECTRICAL
Number of Lamps: 2
Lamp Type: T5 Fluorescent
Bulb Included: Bulb Not Included
Total Output Wattage (W): 78
Max. Wattage Per Lamp (W): 39
Lamp Base: G5
Dimming: Phase Dimming (120Vac Only)
Driver Included: Yes
Driver Location: Integrated
Driver Type: Ballast - Universal
Input Voltage (V): 120 - 277
Upon Request: (Not included - see components) Integral: Lutron (phase dimming)

LED

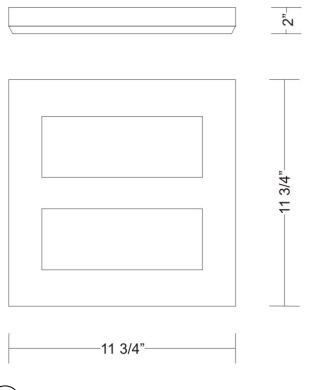
OPTICAL

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LEGEND

<u></u>	floor-mounted	¥	pivotable	*	special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+
7	wall and ceiling: recessed and surface mounted	C	rotating	0	warm dim / natural dimming LED
\uparrow	ceiling-mounted and wall-mounted	æ	illuminate tilted	0	rechargeable battery powered
\rightarrow	wall-mounted	T	color of suspension cable	- MAR	fixture with natural vivid LED (upon request)
Y	omni-directional light distribution	↓	length of suspension cable	CRI	color rendering index
	direct light distribution		reflector degree selection	(K)	color temperature
X	direct/indirect light distribution	S	super spot	(M)	lumen (luminous flux)
Y	indirect light distribution	*	lens	₩	efficacy (lumens per watt)
	asymmetric light distribution	8	lens pack	UGR	Unified Glare Rating (UGR) range from 5-40
	aura light distribution	0	shine ring	*	marine grade (AISI 316 stainless steel)
R	round wall or ceiling cut-out	0	integrated shine ring with diffuser	3	walk on
\Box	square wall or ceiling cut-out		free individual colors 01-29	②	drive on
4	the supplied jig specifies the cutout dimensions	Ċ	individual colors: 00 (free of charge), 01-25 (extra charge)	DSC	Dark Sky Compliance
d *.*	minimum distance (meters) lamp - object	•	luminaire part to be colored (F1)	Ġ	Americans with Disabilities Act (less than 4" off the wall located between 27"-84" from floor)
$\hat{\pm}$	recessed depth		luminaire part to be colored (F2)		lamp protected against explosion
<u></u>	ceiling thickness in mm		luminaire part to be colored (F3)		blown glass using traditional methods by master glass blower
1	ceiling thickness selection		luminaire part to be colored (F4)	(∅)	acoustic material
	dimmable DP (phase), DV (0-10V), DD (dali), DS (step-dim)		luminaire part to be colored (F5)		protection class I, protection insulation
	included or excluded LED driver/transformer/ control gear		color of 3-circuit adaptor		protection class II, protection insulation
४	separately switchable	\odot	indirect diffuser		ETL Certified to UL and CSA Standards
9	sensor	0	direct diffuser	շ ⊕ ա	UL Certified to UL and CSA Standards
	remote control	\oplus	ball-proof (upon request)	(1)	CSA Certified to UL and CSA Standards
9	available upon request	0	accessory	②	Certified for North American Standards

IP RATING

IP20	protected against ingress of solid bodies greater than 12.5mm (finger)
IP33	protected against ingress of solid bodies greater than 2.5mm protected against sprays of water up to 60 degrees from the vertical (rain)
IP40	protected against ingress of solid bodies greater than 1mm (wire) no protection against the ingress of moisture
IP43	protected against ingress of solid bodies greater than 1mm (wire) protected against sprays of water up to 60 degrees from the vertical (rain)
IP44	protected against ingress of solid bodies greater than 1mm (wire) protected against water splashed from all directions
IP54	protected against limited ingress of dust (wet rooms/covered outdoor areas) protected against water splashed from all directions
IP65	protected against ingress of dust protected against jets of water
IP66	protected against ingress of dust protected against powerful jets of water or heavy seas
IP67	protected against ingress of dust protected against immersion of water between 15cm - 1m for 30 minutes
IP68	protected against ingress of dust protected against immersion of water under pressure for long periods

IK RATING

IK01	protected against 0.14 joules impact (equivalent to 0.25kg mass dropped from 56mm above the surface)
IK02	protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm above the surface)
IK03	protected against 0.35 joules impact (equivalent to 0.25kg mass dropped from 140mm above the surface)
IK04	protected against 0.5 joules impact (equivalent to 0.25kg mass dropped from 200mm above the surface)
IK05	protected against 0.7 joules impact (equivalent to 0.25kg mass dropped from 280mm above the surface)
IK06	protected against 1 joules impact (equivalent to 0.25kg mass dropped from 400mm above the surface)
IK07	protected against 2 joules impact (equivalent to 0.5kg mass dropped from 400mm above the surface) $$
IKOB	protected against 5 joules impact (equivalent to 1.7kg mass dropped from 300mm above the surface) $$
IK09	protected against 10 joules impact (equivalent to 5.0kg mass dropped from 200mm above the surface)
IK10	protected against 20 joules impact (equivalent to $5.0 kg$ mass dropped from $400 mm$ above the surface)